

# ΚΑΙΝΟΤΟΜΙΑ

## ΕΡΕΥΝΑ ...ΤΕΧΝΟΛΟΓΙΑ

*Innovation*

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**ΕΛΛΗΝΙΚΟ  
ΚΕΝΤΡΟ ΑΝΑΔΙΑΝΟΜΗΣ  
ΚΑΙΝΟΤΟΜΙΑΣ**

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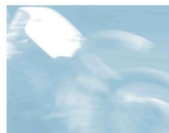
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ΤΕΚΜΗΡΙΩΣΗΣ  
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ΚΑΙΝΟΤΟΜΙΑ ΕΡΕΥΝΑ και ΤΕΧΝΟΛΟΓΙΑ, INNOVATION RESEARCH AND TECHNOLOGY

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Εκδίδεται κάθε δύο μήνες από το Εθνικό Κέντρο Τεκμηρίωσης, Ελληνικό Κέντρο Αναδιανομής Καινοτομίας (Χρηματοδότηση: ΓΔ «ENTERPRISE» της Ε. Ε., και Γενική Γραμματεία Έρευνας και Τεχνολογίας)

ΙΔΙΟΚΤΗΣΙΑ: ΕΘΝΙΚΟ ΚΕΝΤΡΟ ΤΕΚΜΗΡΙΩΣΗΣ

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Επιμέλεια και Παραγωγή Εντύπου: Knowsys ΑΕ, Αιγιαλείας 48, 151 25 Παράδεισος Αμαρουσίου, Τηλ.: 68.93.200, Fax.: 68.93.221

Σε περίπτωση αναδημοσίευσης παρακαλούμε να αναφέρεται ως πηγή το «Καινοτομία, Έρευνα και Τεχνολογία»

# ΤΟ ΣΗΜΕΙΩΜΑ ΤΗΣ ΕΚΔΟΣΗΣ

Η χρονιά που φεύγει επιφύλαξε μια σημαντική διάκριση για το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας. Επιστέγασμα της επιτυχημένης πορείας του, είναι η υψηλή θέση που κατέλαβε (ανάμεσα στα πρώτα οκτώ καλύτερα κέντρα), μετά από τη συνολική αξιολόγηση των εξήντα οκτώ Κέντρων Αναδιανομής Καινοτομίας σε πανευρωπαϊκό επίπεδο.

Οι διακρίσεις είναι πάντα σχεδόν αφητηρία για περαιτέρω προσπάθειες βελτίωσης. Το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας στοχεύοντας στη συνεχή αναβάθμιση των διαδικασιών μεταφοράς τεχνολογίας και χρηματοδότησης καινοτομίας, παρουσιάζει μια νέα υπηρεσία. Πρόκειται για την Υπηρεσία Αυτόματης Πληροφόρησης για προσφορές και αναζητήσεις τεχνολογιών, ανάλογα με τους τομείς ενδιαφέροντος των ελληνικών επιχειρήσεων και ερευνητικών ομάδων.

Σε αυτό το τεύχος, σας προτείνουμε επίσης να διαβάσετε τις ανανεωμένες σελίδες που αφορούν τις προσφορές και αναζητήσεις καινοτόμων τεχνολογιών, με σύντομη περιγραφή κάθε τεχνολογίας.

Προσβλέποντας σε επιτυχημένες συνεργασίες ελληνικών και ευρωπαϊκών φορέων, το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας και οι συντελεστές του "Καινοτομία, Έρευνα και Τεχνολογία" σας εύχονται

**ΧΡΟΝΙΑ ΠΟΛΛΑ,  
ΕΥΤΥΧΙΣΜΕΝΟ ΚΑΙ ΔΗΜΙΟΥΡΓΙΚΟ το 2002.**



## Πυράνθρακας: Ένα νέο υλικό υψηλών προδιαγραφών

### για τεχνικές εφαρμογές

Χώρα προέλευσης: Γαλλία

Κωδικός: 7150

**Γ**αλλική εταιρεία έχει αναπτύξει ένα υλικό που ονομάζεται Πυράνθρακας (**Pyrocarbon**), ή αλλιώς πυρολιθικός άνθρακας.

Ο πυράνθρακας είναι ένα ξεχωριστό υλικό διότι συνδυάζει τις μηχανικές ιδιότητες των κεραμικών με τα χαρακτηριστικά των πλαστικών.

Είναι ένα προϊόν εναπόθεσης που σχηματίζεται κατά την αποσύνθεση των αέριων υδρογονανθράκων σε πολύ υψηλές θερμοκρασίες (περίπου 1300 °C). Η εναπόθεση γίνεται ειδικά πάνω σε γραφίτη, ή σε κεραμικό υπόστρωμα, χρησιμοποιώντας την τεχνική των αντιδραστήρων ρευστοποιημένης κλίσης.

Οι φυσικές του ιδιότητες υποδηλώνουν ότι ο πυράνθρακας είναι ένα υλικό υψηλής μηχανικής αντοχής, ιδιαίτερα όταν υποστεί τριβή με τον εαυτό του. Επίσης μπορεί να στιλβωθεί πολύ εύκολα. Έχει τέλεια βιοσυμβατότητα και αιματοσυμβατότητα και για αυτό χρησιμοποιείται σε βιοϊατρικές εφαρμογές, όπως βηματοδότες και ορθοπεδικά εμφυτεύματα.

Το υλικό είναι σταθερό σε οξείες χημικές προσβολές. Μπορεί επίσης να χρησιμοποιηθεί σε μηχανικά μικροσυστήματα με σκοπό τη μείωση της φθοράς.

Η χρήση του σε εξαιρετικά σκληρές συνθήκες (χωρίς λιπαντικό, σε πολύ υψηλές ή σε πολύ χαμηλές θερμοκρασίες, σε επιθετικό χημικό περιβάλλον), το καθιστά ένα ιδιαίτερα ενδιαφέρον υλικό για αεροναυπηγικές και διαστημικές εφαρμογές.

Το μέγεθος των στοιχείων του πυράνθρακα, εξ' αιτίας της ειδικής διαδικασίας παρασκευής του, δεν ξεπερνά τα 50 mm.

Ο πυράνθρακας έχει τις εξής μηχανικές ιδιότητες:

- ▶ Ειδικό βάρος: 1,7-2 g/cm<sup>3</sup>
- ▶ Young Modulus (Ελαστικότητα): 21-28 Gpa
- ▶ Poisson ratio: 0,4
- ▶ Σκληρότητα (HV): 150-250
- ▶ Αντοχή σε συμπίεση: 1350 Mpa
- ▶ Αντοχή σε κάμψη: 280-560 Mpa
- ▶ Παραμόρφωση σε δραύση: 1,2-1,5%
- ▶ Δυσδραυστότητα: 2,7 Mpa.m<sup>1/2</sup>
- ▶ Συντελεστής θερμικής αγωγιμότητας (20°C): 0,005-0,01 g.cal / cm.s. °C
- ▶ Συντελεστής διαστολής: 4-6,5. 10-6 / °C
- ▶ Συντελεστής ηλεκτρικής αντίστασης (20°C): 0,002-0,003 Ohm.cm

Η εταιρεία ενδιαφέρεται να προωθήσει το προϊόν σε εταιρείες που επιθυμούν να βελτιώσουν τις μηχανικές αντοχές των προϊόντων τους. Το υλικό μπορεί να παρασκευασθεί, ώστε να προσαρμόζεται στις ανάγκες των προϊόντων του κάθε κατασκευαστή.

Η εταιρεία βρίσκεται στο στάδιο της έρευνας για εφαρμογές του πυράνθρακα στην αυτοκινητοβιομηχανία, την αεροναυπηγική και τη διαστημική.

#### Καινοτόμα Χαρακτηριστικά

Ο πυράνθρακας συνδυάζει ιδιότητες διαφορετικών υλικών. Έχει τις μηχανικές ιδιότητες ενός κεραμικού αλλά με χαμηλό μέτρο ελαστικότητας.

#### Κύρια Πλεονεκτήματα

- ▶ Ο πυράνθρακας μπορεί να στιλβωθεί πολύ εύκολα και διαθέτει εξαιρετική επιφανειακή σκληρότητα
- ▶ Είναι πολύ ανθεκτικός στη φθορά και ιδιαίτερα όταν τρίβεται με τον εαυτό του
- ▶ Έχει πολύ χαμηλό ειδικό βάρος
- ▶ Είναι σταθερός σε χημικές προσβολές
- ▶ Έχει εξαιρετική βιοσυμβατότητα

#### Τρέχον στάδιο ανάπτυξης

Το προϊόν διατίθεται ήδη στην αγορά Δικαιώματα πνευματικής ιδιοκτησίας  
Απόρρητη τεχνολογία της εταιρείας

#### Τομείς εφαρμογής

- ▶ Αεροναυπηγική και Διαστημική Τεχνολογία
- ▶ Βιοτεχνολογία
- ▶ Ηλεκτρονική και Μικροηλεκτρονική Τεχνολογία
- ▶ Τεχνολογίες Υλικών
- ▶ Μεταφορές
- ▶ Βηματοδότες, Τεχνητά όργανα
- ▶ Κεραμικά, Υλικά ημιαγωγών

#### Είδος αναζητούμενης συνεργασίας

- ▶ Τεχνική συνεργασία
- ▶ Συμφωνία για παραγωγή (υπεργολαβία)

Η εταιρεία ενδιαφέρεται να συνεργαστεί και σε ερευνητικό επίπεδο για να αναπτύξει και άλλες εφαρμογές για τον πυράνθρακα.

**Πληροφορίες** | Νικόλαος Κανατσούλης  
ΕΚΕΠΥ ΑΕ/Ελληνικό Κέντρο Αναδιανομής Καινοτομίας  
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e-mail: cereco@otenet.gr



## Σύστημα στάθμευσης μοτοσικλετών με αυτόματα αναδιπλούμενο εξάρτημα στήριξης (stand)

Κωδικός: 5434

Ιδιώτης εφευρέτης από την Ισπανία έχει καταθέσει αίτηση για δίπλωμα ευρεσιτεχνίας που αφορά αυτόματο σύστημα στάθμευσης που μπορεί να τοποθετηθεί σε οποιαδήποτε μοτοσικλέτα ή σκούτερ. Το σύστημα ελέγχεται από μικρό μηχανισμό που τοποθετείται στο τιμόνι της μοτοσικλέτας. Επενεργεί στο stand (κεντρικό ή πλάγιο), ανοίγοντας ή κλείνοντάς το ανάλογα με την επιθυμία του αναβάτη. Το σύστημα αποτελείται από τέσσερα υποσυστήματα:



1. Το stand της μοτοσικλέτας.
2. Το μηχανισμό (καθαρά μηχανικό σύστημα ασφάλειας) δίπλωσης/αναδίπλωσης του stand. Ο μηχανισμός αυτός δεν επιτρέπει στο stand να αναδιπλωθεί κατά την κίνηση της μοτοσικλέτας παρά μόνο κατά τη διαδικασία της στάθμευσης.
3. Το μηχανισμό ελέγχου. Αυτός ανιχνεύει την κινητική κατάσταση της μοτοσικλέτας μηχανικά (μέσω γραναζιού στο ταχύμετρο) και ηλεκτρικά (μέσω γραναζιού σε κάποιο κινούμενο εξάρτημα του κιβωτίου). Τα δύο αυτά γραναζία συγχρονίζονται και επιτρέπουν την αναδίπλωση του stand μόνον όταν η μοτοσικλέτα έχει σταματήσει. Επίσης ένας ηλεκτρομαγνητικός διακόπτης συνδέεται με τα συστήματα ανάφλεξης και εκκίνησης της μοτοσικλέτας. Ο μηχανισμός ελέγχου, εκτός των παραπάνω, λειτουργεί σαν διακόπτης ανόδου και καθόδου του stand.
4. Τέλος, ο μηχανισμός κίνησης του stand αποτελείται από μια αντλία ή ηλεκτρικό κινητήρα που δέχεται σήματα από το μηχανισμό ελέγχου.

### Καινοτόμα χαρακτηριστικά

1. Επιτρέπει στον οδηγό την ασφαλή και εύκολη στάθμευση της μοτοσικλέτας του

2. Το σύστημα μπορεί να αντικαταστήσει ή να συμπληρώσει το ήδη υπάρχον πλάγιο stand και έτσι είναι εξαιρετικά χρήσιμο για βαριές μοτοσικλέτες

### Κύρια πλεονεκτήματα

Η εύκολη και ασφαλής στάθμευση της μοτοσικλέτας. Ειδικά σε βαριές μοτοσικλέτες η ανάγκη για τέτοια συστήματα είναι μεγαλύτερη λόγω συχνών πτώσεων, αλλαγών ελαστικών, διαδικασίας συντήρησης, κτλ.

### Τρέχον στάδιο ανάπτυξης

Δυνατότητα επίδειξης του συστήματος

### Είδος αναζητούμενης συνεργασίας

Εκχώρηση πνευματικών δικαιωμάτων για περαιτέρω χρήση του συστήματος.

### Πληροφορίες

Κωνσταντίνος Καραμάνης  
 EANT A.E./Ελληνικό Κέντρο Αναδιανομής Καινοτομίας  
 Αχιλλέως 96, 17563 Π. Φάληρο  
 Τηλ. 01 09850506 - 01 09859232,  
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 e-mail: eant@ath.forthnet.gr



## Αναζήτηση Τεχνολογίας New TR - Έξυπνα κλωστοϋφαντουργικά προϊόντα/Υφάσματα

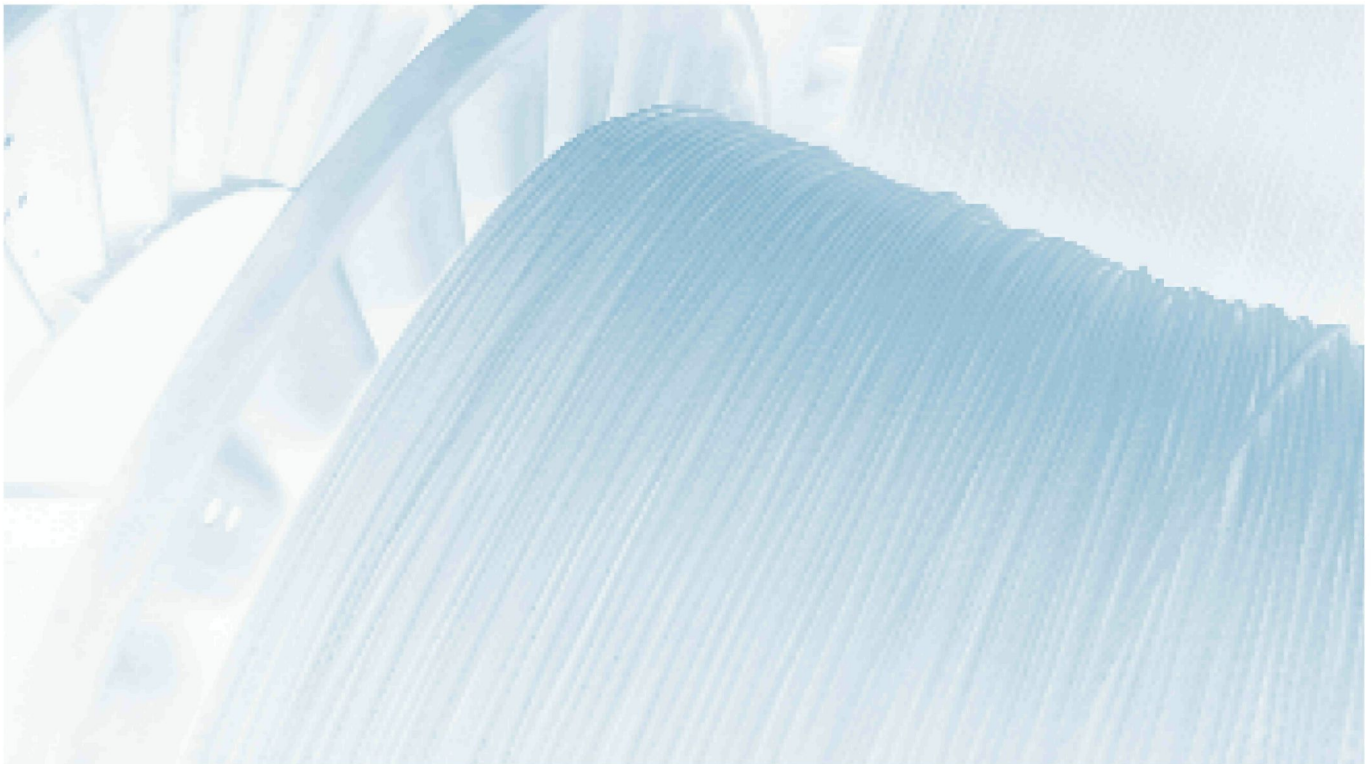
Χώρα προέλευσης: Μ. Βρετανία

Κωδικός καταχώρησης: 6136

**Ε**ταιρεία αναζητά έξυπνα κλωστοϋφαντουργικά προϊόντα τα οποία ήδη να παράγονται ή πρόκειται να παραχθούν και αφορούν τρεις περιοχές εφαρμογής: υφάσματα επιπλώσεων, έξυπνα σπίτια και ένδυση (ειδικά σχέδια για αναπηρίες). Όσον αφορά τα κλωστοϋφαντουργικά προϊόντα που θα χρησιμοποιηθούν σαν βοηθητικά σε αναπηρίες,

σμού των πισινών, ανθεκτικά, να μην τρίβονται και μολύνουν την πισίνα, και οποιαδήποτε φθορά τους να καταγράφεται σε λογισμικό που θα είναι συνδεδεμένο με το υλικό.

Ως έξυπνο κλωστοϋφαντουργικό προϊόν από πολυμερές μπορεί να θεωρηθεί κάποιο που θα είναι σταθερό σε περιβάλλον πισίνας.



υπάρχει ενδιαφέρον για ειδική εφαρμογή με χρήση σε υδροθεραπείες (σε περιπτώσεις ανικανότητας και αποκατάστασης).

Το πορώδες ύφασμα πρέπει να επιτρέπει τη ροή του νερού και τη διαδραστικότητα με αυτό. Θα προσαρμοσθούν σημεία στο ύφασμα για την καταγραφή των κινήσεων κατά την υδροθεραπεία. Θα βοηθούσε, ιδιαίτερα, ένα έξυπνο κλωστοϋφαντουργικό υλικό, το οποίο θα έχει ανακλαστικές-οπτικές ιδιότητες για χρήση σε πισίνα ή ικανότητα υπεριώδους ανίχνευσης και σημεία για την ανάλυση της κίνησης με κάμερα.

Τα υλικά που θα χρησιμοποιηθούν σε πισίνες για υδροθεραπεία θα πρέπει να είναι αδρανή στα χημικά για τον καθαρι-

### Λέξεις κλειδιά

Μαγνητικά και υπεραγώγιμα υλικά/συσκευές  
Επιστρώσεις και επιφανειακές επεξεργασίες  
Κλωστοϋφαντουργικές Τεχνολογίες  
Συσκευές καταγραφής

### Πληροφορίες

Δρ. Πέτρος Μάμαλης  
ΕΤΑΚΕΙ Α.Ε./Ελληνικό Κέντρο Αναδιανομής Καινοτομίας  
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Τηλ.: 01 09234932,  
Fax.: 01 09237355,  
e-mail: pmamalis@etakei.gr

## Automatic Matching Tool

### Υπηρεσία Αυτόματης Πληροφόρησης για προσφορές και αναζητήσεις καινοτόμων τεχνολογιών

Το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας (HIRC) προσφέρει στους πελάτες του μία νέα υπηρεσία αυτόματης πληροφόρησης για προσφορές και αναζητήσεις καινοτόμων τεχνολογιών (Automatic Matching Tool). Στόχος η βελτίωση της ανταγωνιστικότητας των επιχειρήσεων και η αναζήτηση νέων αγορών για την αξιοποίηση των τεχνολογιών τους.

#### Η υπηρεσία αυτόματης πληροφόρησης και η εξυπηρέτηση των ελληνικών επιχειρήσεων

**Α**ποστολή του δικτύου των Κέντρων Αναδιανομής Καινοτομίας (IRC=Innovation Relay Centres) είναι η προώθηση και εφαρμογή νέων τεχνολογιών στην Ευρώπη, με απώτερο στόχο την ενίσχυση της ανταγωνιστικότητας των ΜΜΕ. Η βάση δεδομένων των IRCs περιέχει περίπου 1700 προσφορές και αναζητήσεις τεχνολογιών (συνεχής ενημέρωση από όλη την Ευρώπη), στις οποίες προστίθενται περίπου 200 νέες εγγραφές κάθε μήνα, γεγονός που καθιστά δύσκολη την τακτική και στοχευμένη διάχυσή τους στις επιχειρήσεις, των οποίων τα ενδιαφέροντα συχνά αλλάζουν ανάλογα με τις προτεραιότητές τους.

#### Διαδικασίες πρόσβασης

Για τη βελτίωση της ποιότητας των υπηρεσιών του το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας (HIRC) αποφάσισε να προσφέρει την υπηρεσία αυτόματης διάχυσης πληροφοριών για νέες τεχνολογίες.

Οι επιχειρήσεις που ενδιαφέρονται να παρακολουθούν τις τεχνολογικές εξελίξεις στον τομέα τους, μπορούν να εγγραφούν

απευθείας στις ιστοσελίδες (web site) του HIRC και να προσδιορίσουν τις προτεραιότητές τους με λέξεις-κλειδιά. Στη συνέχεια οι ενδιαφερόμενοι, θα λαμβάνουν μία ειδοποίηση μέσω ηλεκτρονικού ταχυδρομείου κάθε φορά που μία νέα τεχνολογική προσφορά ή αναζήτηση προωθείται από το δίκτυο των IRCs. Το μήνυμα θα περιλαμβάνει τον τίτλο και μία περίληψη της τεχνολογίας, πράγμα που επιτρέπει στους ενδιαφερόμενους να αποφασίσουν γρήγορα εάν εμπίπτει στους τομείς ενδιαφέροντος της επιχείρησής τους. Σε περίπτωση που ενδιαφέρονται, ένα μήνυμα στο HIRC αρκεί για να λάβουν την πλήρη περιγραφή της τεχνολογίας. Με ένα επιπλέον μήνυμα το HIRC θα τους φέρει σε επαφή με την ευρωπαϊκή εταιρεία ή το ερευνητικό κέντρο το οποίο δημοσίευσε την τεχνολογική προσφορά/αναζήτηση.

Στις ιστοσελίδες (web site) του HIRC, επιλέγετε: "Automatic Matching Tool" και συμπληρώνετε τη "Φόρμα εγγραφής" προσδιορίζοντας τους τομείς που σας ενδιαφέρουν.

Οι επιλογές κάθε εγγεγραμμένης εταιρείας, προστατεύονται με κωδικό, και μπορούν να τροποποιηθούν οποιαδήποτε στιγμή.

**Πληροφορίες** και on-line εγγραφές: <http://www.hirc.gr>

## Ελληνικό Κέντρο Αναδιανομής Καινοτομίας

### Διημερίδα Μεταφοράς Τεχνολογίας με θέμα:

"Υλικά, Κατασκευές, Θαλάσσιες Τεχνολογίες και Περιβάλλον"  
7-8 Μαρτίου 2002 - ΕΚΕΠΥ Α.Ε., Χαλκίδα

**Τ**ο Ελληνικό Κέντρο Αναδιανομής Καινοτομίας, σε συνεργασία με τη Θεματική Ομάδα για το Περιβάλλον (των Ευρωπαϊκών Κέντρων Αναδιανομής Καινοτομίας IRCs), διοργανώνει διημερίδα μεταφοράς τεχνολογίας που αφορά τους τομείς των υλικών, κατασκευών, του περιβάλλοντος και των θαλάσσιων τεχνολογιών. Η εκδήλωση θα διεξαχθεί στις 7 & 8 Μαρτίου 2002, στις εγκαταστάσεις της ΕΚΕΠΥ Α.Ε. στη Χαλκίδα.

#### Συμμετέχοντες

Στη διημερίδα θα συμμετέχουν ευρωπαϊκές και ελληνικές εταιρείες και ερευνητικοί φορείς που θα παρουσιάσουν καινοτόμες τεχνολογίες, σχετικές με τα περιβαλλοντικά προβλήματα που δημιουργούνται κατά τις βιομηχανικές διεργασίες που αφορούν τους κλάδους των υλικών, των κατασκευών και της ναυτιλίας.



Θα συμμετέχουν επίσης εκπρόσωποι εμπλεκόμενων τοπικών (π.χ. εκπρόσωποι από την περιφέρεια, το Σύνδεσμο των Βιομηχανιών της περιοχής, κ.λπ).

**Στόχος**

Η προώθηση συνεργασιών μεταξύ ελληνικών και ευρωπαϊκών εταιρειών και φορέων για προώθηση καινοτόμων τεχνολογιών.

**Προσφέρεται η δυνατότητα συνεργασιών για:**

- Περαιτέρω έρευνα και ανάπτυξη
  - Κοινές επενδύσεις
  - Άδεια χρήσης
  - Προώθηση (marketing)
  - Παραγωγή
  - Οικονομική ενίσχυση (π.χ. κεφάλαια επιχειρηματικών συμμετοχών - venture capital)
- Ανταλλαγή πληροφοριών

**Προώθηση των τεχνολογικών προσφορών/αναζητήσεων**

Οι τεχνολογικές προσφορές/αναζητήσεις θα προωδηθούν στα μέλη του Ευρωπαϊκού Δικτύου των Κέντρων Αναδιανομής Καινοτομίας (IRCs). Τα μέλη του Δικτύου θα αναλάβουν την περαιτέρω προώθησή τους στους κατάλληλους φορείς/εταιρείες της περιοχής τους.

**Καταληκτική ημερομηνία υποβολής τεχνολογικών προσφορών/αναζητήσεων: 31 Ιανουαρίου 2002.**

**Διοργάνωση προκαθορισμένων διμερών συναντήσεων.**

Το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας θα διοργανώσει προκαθορισμένες διμερείς συναντήσεις μεταξύ εταιρειών/φορέων, βάσει των τεχνολογικών προσφορών ή/και αναζητήσεων που θα υποβληθούν.

**Προκαταρκτικό Πρόγραμμα ημερίδας 7 Μαρτίου 2002**



<b>9:00-10:30</b>	Παρουσίαση HIRC Ομιλίες εκπροσώπων τοπικών φορέων Εκπρόσωποι: Περιφέρειας, Σύνδεσμο Βιομηχανιών της περιοχής, ΥΠΕΧΩΔΕ και Τεχνολογικού Πάρκου Θεσσαλίας
<b>10:30-11:00</b>	Καφές
<b>11:00-13:00</b>	Παρουσίαση Καινοτόμων Τεχνολογιών
<b>13:00-14:00</b>	Γεύμα
<b>14:00-18:00</b>	Συναντήσεις εταιρειών

**8 Μαρτίου 2002**

Τη δεύτερη ημέρα της διημερίδας θα διεξαχθούν επισκέψεις σε εταιρείες της βιομηχανικής περιοχής Χαλκίδας. Η συμμετοχή στη διημερίδα είναι δωρεάν  
Διοργάνωση:  
Ελληνικό Κέντρο Αναδιανομής Καινοτομίας (HIRC)  
ΕΚΤ, ΕΚΕΠΥ ΑΕ, ΕΑΝΤ ΑΕ, ΕΒΕΤΑΜ ΑΕ, ΕΤΑΚΕΙ ΑΕ, ΕΟΜΜΕΧ

**Πληροφορίες**  
Ελληνικό Κέντρο Αναδιανομής Καινοτομίας/ΕΚΤ  
Δρ. Αντώνιος Γυπάκης,  
Τηλ: 01 07273923, Fax: 01 0 7246824,  
e-mail: agypra@ekt.gr,  
<http://www.hirc.gr/news.htm>

**Ημερίδα Μεταφοράς Τεχνολογίας**

«Καινοτόμες τεχνολογίες στον τομέα της ποιότητας τροφίμων και της μεταποίησης»  
22 Φεβρουαρίου 2002, Αθήνα

**Η** ΕΤΑΤ Α.Ε. (εταίρος του Ελληνικού Κέντρου Αναδιανομής Καινοτομίας), διοργανώνει ημερίδα μεταφοράς τεχνολογίας με θέμα: «Καινοτόμες τεχνολογίες στον τομέα της ποιότητας τροφίμων και της μεταποίησης».

Το πρόγραμμα της ημερίδας περιλαμβάνει:

- ▶ Παρουσίαση καινοτόμων τεχνολογιών στον τομέα της ποιότητας τροφίμων και της μεταποίησης.
- ▶ Διμερείς συναντήσεις μεταξύ των συμμετεχόνων

Οι συμμετέχοντες θα έχουν την ευκαιρία να ενημερωθούν για τις πλέον πρόσφατες τεχνολογίες του τομέα της ποιότητας των τροφίμων και της μεταποίησης. Παράλληλα, θα έχουν την ευκαιρία να αναπτύξουν επιχειρηματικές συνεργασίες τόσο κατά τη διάρκεια της εκδήλωσης όσο και μέσω της συμμετοχής τους στη Διεθνή Έκθεση Τροφίμων και Ποτών (Μεσογειακό Εκθεσιακό Κέντρο, 21-25 Φεβρουαρίου 2002, <http://www.aed.gr>).

Οι εταιρείες του τομέα που επιθυμούν να συμμετάσχουν στην ημερίδα καλούνται να συμπληρώσουν τα σχετικά έντυπα για τεχνολογικές προσφορές και αναζητήσεις, που διατίθενται στις ιστοσελίδες του HIRC (<http://www.hirc.gr>), και να τα αποστείλουν στην παρακάτω διεύθυνση. Επίσης, οι εταιρείες που ενδιαφέρονται να παρουσιάσουν την τεχνολογία τους κατά το πρώτο μέρος της ημερίδας θα πρέπει να το δηλώσουν εγκαίρως στην ΕΤΑΤ Α.Ε.



**Πληροφορίες**  
Ελληνικό Κέντρο Αναδιανομής Καινοτομίας  
ΕΤΑΤ Α.Ε.  
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## Ελληνικό Κέντρο Αναδιανομής Καινοτομίας Αναζητήσεις Συνεργασιών για Μεταφορά Τεχνολογίας και Προγράμματα E&TA

**Τ**ο Ελληνικό Κέντρο Αναδιανομής Καινοτομίας είναι ένα από τα όδ κέντρα του ευρωπαϊκού δικτύου των Κέντρων Αναδιανομής Καινοτομίας (Innovation Relay Centers, IRCs) που συνεργάζονται με κύριο στόχο να ενισχύσουν το πνεύμα καινοτομίας στις ευρωπαϊκές και ιδιαίτερα στις Μικρο – Μεσαίες Επιχειρήσεις (ΜΜΕ), καθώς και στα Ερευνητικά Ιδρύματα και Πανεπιστήμια. Για το σκοπό αυτό, το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας, αφενός υποστηρίζει φορείς και παραγωγικές/επιχειρηματικές μονάδες στον εντοπισμό νέων τεχνολογιών που ανταποκρίνονται σε συγκεκριμένες απαιτήσεις τους και αφετέρου, τους υποβοηθά στη διαδικασία μεταφοράς και προώθησης τεχνολογίας.

Το Εθνικό Κέντρο Τεκμηρίωσης έχει αναλάβει το συντονισμό του Ελληνικού Κέντρου Αναδιανομής Καινοτομίας που αποτελεί κοινοπραξία με εταιρούς τον ΕΟΜΜΕΧ, το Τεχνολογικό Πάρκο Θεσσαλονίκης και τις πέντε κλαδικές εταιρείες έρευνας και τεχνολογικής ανάπτυξης: ΕΑΝΤ (Εταιρεία Ανάπτυξης Ναυτικής Τεχνολογίας), ΕΒΕΤΑΜ (Εταιρεία Βιομηχανικής Έρευνας και Τεχνολογικής Ανάπτυξης Μετάλλων), ΕΚΕΠΥ (Εταιρεία Τεχνολογικής Ανάπτυξης Κεραμικών και Πυριμάχων), ΕΤΑΚΕΙ (Εταιρεία Τεχνολογικής Ανάπτυξης Κλωστοϋφαντουργίας, Ένδυσης και Ινών) και ΕΤΑΤ (Εταιρεία Τεχνολογικής Ανάπτυξης Τροφίμων) και συνεργάτες το Δημοκρίτειο Πανεπιστήμιο Θράκης και το Πανεπιστήμιο Κρήτης.

Στο πλαίσιο των δραστηριοτήτων του, το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας δέχεται και διαχέει πληροφορίες για αναζητήσεις συνεργασιών που κοινοποιούνται από και προς τα μέλη του ευρωπαϊκού δικτύου των IRCs. Έτσι, μεταξύ άλλων, προσφέρει τις ακόλουθες υπηρεσίες:

**1. Προώθηση των αιτημάτων ελληνικών φορέων/εταιρειών για αναζήτηση συνεργασιών με στόχο τη μεταφορά τεχνολογίας (προσφορές/αναζητήσεις τεχνολογίας), αλλά και την υποβολή προτάσεων στα προγράμματα Έρευνας & Τεχνολογικής Ανάπτυξης του 5ου Προγράμματος Πλαισίου (1999-2002).**

Οι αναζητήσεις συνεργασιών προωθούνται, μέσω του δικτύου των Κέντρων Αναδιανομής Καινοτομίας/IRCs, σε εταιρείες και επιχειρήσεις του ευρωπαϊκού χώρου που ενδιαφέρονται για την ελληνική τεχνολογική δραστηριότητα και γενικότερα σε κάθε ενδιαφερόμενο που θα μπορούσε να προβεί σε ερευνητική ή/και επιχειρηματική συνεργασία με τους ελληνικούς φορείς/εταιρείες.

Για την προώθηση των αναζητήσεων απαιτείται η συμπλήρωση ειδικών εντύπων.

Τα έντυπα διατίθενται ηλεκτρονικά (αρχεία MS Word) στην διεύθυνση: <http://www.hirc.gr/ps/ps.htm>.

Τα συμπληρωμένα έντυπα θα πρέπει να αποστέλλονται στο Ελληνικό Κέντρο Αναδιανομής Καινοτομίας.

**2. Ενημέρωση για τις πιο πρόσφατες αναζητήσεις συνεργασιών (μεταφορά τεχνολογίας, υποβολή προτάσεων στο 5ο Πρόγραμμα Πλαίσιο) που έχουν προωδηθεί από τα μέλη του Δικτύου των IRCs.**

**Κάθε αναζήτηση συνεργασιών περιλαμβάνει:**

- ▶ κωδικό αριθμό
- ▶ ημερομηνία υποβολής της αίτησης στο ΕΚΤ
- ▶ τίτλο και σύντομη περιγραφή τεχνολογίας/έργου
- ▶ χώρα προέλευσης
- ▶ είδος συνεργασίας
- ▶ ζητούμενο συνεργάτη
- ▶ προθεσμία

Οι κατάλογοι αναζητήσεων συνεργασιών περιέχουν σύντομες μόνο πληροφορίες. Για περισσότερες λεπτομέρειες σχετικά με τις καταχωρήσεις που σας ενδιαφέρουν, μπορείτε να συμπληρώσετε το «Δελτίο Πληροφοριών για Αναζητήσεις Συνεργασιών» που υπάρχει στην προτελευταία σελίδα του περιοδικού και να επικοινωνήσετε με το Ελληνικό Κέντρο Αναδιανομής Καινοτομίας.

Οι κατάλογοι των αναζητήσεων συνεργασιών διατίθενται στις Ιστοσελίδες του Ελληνικού Κέντρου Αναδιανομής Καινοτομίας:

<http://www.hirc.gr/ps/search.htm>.

### Πληροφορίες

Ελληνικό Κέντρο Αναδιανομής Καινοτομίας:  
ΕΚΤ, ΕΟΜΜΕΧ, ΕΚΕΠΥ, ΕΤΑΚΕΙ, ΕΤΑΤ,  
ΕΒΕΤΑΜ, ΕΑΝΤ, ΕΔΑΠ/ΤΠΘ  
ΕΚΤ, Βασ. Κων/νου 48, 116 35 Αθήνα  
κα. Κική Μαλιακρίδα  
τηλ: 01-7273903, fax: 01-7246824  
e-mail: hircpart@ekt.gr  
URL: <http://www.hirc.gr>

Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
<b>AEROSPACE TECHNOLOGY</b>			
7209	Sanitary modules or toilet units that can be used in automotive, aerospace and naval industries	A Galician Centre is looking for information about technologies that allow to develop sanitary units within naval construction, aerospace and automotive industry. This information is needed to carry out a normalization control within a shipyard association. The research centre is looking for companies that have already developed those elements; or companies that have information about the characteristics of this sort of special modules.	ES
7228	New facilities for high-volume production of micro (opto-) electro mechanical systems based on silicon	An Austrian company seeks for facilities for MEMS (Micro Electro Mechanical Systems) and MOEMS (Micro Opto-Electro Mechanical Systems) production based on silicon, not only the production of prototypes but also a (possible) high-volume production. The company emphasizes its strength in the development and manufacturing of microsystem technologies for e.g. aerospace and medical applications. Following types of cooperation are conceivable: e.g. manufacturing or license agreement, support with R&D.	AT
7267	CRASH SIMULATION AND CRASH PERFORMANCE FOR A NEW HONEYCOMB MATERIAL WITH A COMPLEX STRUCTURE (APPLICATIONS IN THE TRANSPORTATION SECTORS)	A French company is looking for European R&D structures active in the field of crash simulation and crash performance. The objective is to implement a production process of structures of complex shapes (2D or 3D), using laser-welded aluminium honeycomb, with integrated inserts.	FR
7311	Radiation-tolerant integrated analog electronics for nuclear particle detection	A small Finnish company seeks for collaboration in the design, development, and manufacturing of a highly integrated analog circuit for signal acquisition from semiconductor detectors. The circuit should include 16 charge-sensitive preamplifier channels, filter amplifiers, pulse threshold discriminators, and preferably an analog-to-digital converter. The device should be manufactured with a radiation-tolerant or radiation-hard process.	FI
7468	Technologies to develop rechargeable battery type for emergency medical toolkit used in aviation.	A Dutch company specialised in PC based diagnostic ECG-systems and equipment for the medical community is looking for a partner who is able to develop and manufacture a rechargeable battery type which is most suitable for aviation applications. They want to use the requested battery as the main power source for an emergency medical toolkit. It will be a part of the standard aeroplane equipment and as such must have a high reliability.	NL
<b>AGRICULTURAL AND MARINE RESOURCES AND PRODUCTS</b>			
7459	DNA detection methods for plant pathogens.	A Dutch SME is looking for manufacturers of DNA detection methods for plant pathogens. They want to use these methods to check the plants of growers for root-pathogenic micro-organisms. The DNA techniques are faster and more accurate than the classical plating techniques, so growers can act more quickly and more directed in their plant-treatment and use of pesticides.	NL
7515	Snail Farming in Greenhouses	A small Swedish company has initiated indoor snail farming. The company now wants to expand to a bigger commercial unit. The new production scheme will be based on a combination between an indoor and a greenhouse unit in order to adapt to the snails temperature cycle. The company is now searching for system solutions for the whole production process.	SE
7416	Granular complex fertilisers with a biodegradable covering for slow release	A Spanish company requests new granular complex fertilisers with a biodegradable covering for slow release. They are looking for the substance to use for this covering as well as the technology for its manufacture. They also need the greenhouse and field tests before the manufacture process in the pilot plant. A slow release fertiliser involves an economy of fertiliser and fieldwork for the farmer. Likewise, the decrease in the addition of NPK reduces the ecological impact of the fertiliser	ES
7476	Technology for production of eco-pellets from wood waste	Our client has a production line for eco-briquettes and pellets /4 t. daily output/ and wants to purify the end product according to international eco standards. The materials used are pine wood wastes as raw material / sawdust and wood shavings/ about 15 t. daily and more. At the moment sunflower husks and straw are used as well as raw material.	BG
<b>AUTOMATION/ROBOTICS</b>			
7114	Technology for the rabbit slaughter process	A Spanish company that prepares and distributes rabbit meat is looking for a mechanical method to skin the rabbits. The machinery should be able to skin the rabbits quickly, repeating the process over and over. They are looking for a technical cooperation or a commercial agreement.	ES
7241	Milk Meters for Automatic and Semi-automatic Cattle Milking Machines	An Irish manufacturer of cattle milking machines seeks suppliers of innovative milk meters for incorporation in its installations. The milk meters that would be purchased or developed should be able to do more than just measure the milk flow in automatic and semi-automatic cattle milking systems: they should also allow the detection of deviations in milk quality, dairy herd illnesses, etc.	UK
7478	Technology to print high-speed labels for the retail market using lower cost media	A leading UK manufacturer of advanced weighing and labelling systems is looking for effective technologies for the printing of high-speed labels for the retail market using lower cost media (label materials). Possible technologies - either prototype or production - would include laser and ink-jet/bubble-jet printing. The company is looking for a license, commercial agreement or partners with suitable technology for joint exploitation.	UK
7477	Electronic Display Technologies for the retail market	A leading UK manufacturer of advanced weighing and labelling systems is looking for new electronic display technologies that can be used to complement their existing product range within larger retail stores. Applications include auto-electronic shelf labelling, kiosks, in-store displays, information, queue management, store intelligence etc. The company is looking for a license, commercial agreement or partners with suitable technology for joint exploitation.	UK
<b>BIOTECHNOLOGY</b>			
7489	DNA detection kits for fast and quantitative detection of Legionella	A Dutch SME is looking for manufacturers of DNA detection kits for a fast and quantitative detection of Legionella in water samples. The Legionella analyses are used to check different water systems for the presence of Legionella, which is a bacteria that causes the variant of pneumonia known as Legionnaire's Disease when inhaled in an aerosol form.	NL
<b>CHEMICAL INDUSTRY</b>			
7200	Technology of under pressure dyeing of plastic buttons	A small Polish company is looking for an effective technology for dyeing plastic buttons under pressure including surface treatment, colour fixing and selecting colours using computers. The sought partner can be a company of similar production profile or a research institution. The future partner should provide know-how and technical equipment.	PL
7190	Technology of porcelain granules production for the manufacture of high-voltage porcelain insulators	The leading Polish producer of low and high voltage porcelain insulators, which are used as insulating and construction elements in electrical power networks and switching stations as well as for building electrical apparatus and equipment, is looking for advanced and economically efficient technology for porcelain granules production. The granules will be used in serial production of the metallic band of insulators.	PL



Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7469	<b>Production of concrete with rubber and polypropylene fibres</b>	A Spanish SME from the construction sector is looking for major volumetric stability concrete, using rubber and polypropylene fibres. The final objective is the improvement of high-performance qualities of concrete roads, their comfort and security. This requires the achievement of parameters, technical specifications and tests that set the objectives of resistance and intercommunicate porosity searched.	ES
7516	<b>Technologies for an alternative to the hard chrome plating process</b>	A Dutch company specialised in electroplating is looking for a partner who can develop, manufacture or supply an alternative for their hard chrome plating process. This alternative for hard chrome plating should preferably correspond with electrolysing, which means the falling down of metals submitted to electricity.	NL
7415	<b>New design materials for manufacturing pieces for the automotive industry</b>	A Spanish SME, devoted to the manufacture of plastic pieces for the automotive industry, is looking for suitable plastics, design materials and/or processes for manufacturing. This company wants to manufacture these pieces using plastic materials instead of metallic ones. In this manner, the enterprise would diversify its production to other type of car pieces. The enterprise would like the products, process or "Know how" sought to be ready to test or evaluate.	ES
7340	<b>Coating system certified for use in the food industry</b>	To protect the metal substratum of vessels, tanks and reactors used in the food industry, a coating is needed that is certified for alimentary use. A Dutch company is looking for a coating that must not emit substances that may have an effect on the end product, and must be able to sustain heat above 90°C (130°C). The company is looking for a partner with expert knowledge in coatings.	NL
7446	<b>Improvement of colour and resistance to oxidation in glycerine and pentaeritrite esters</b>	A Spanish SME, devoted to the manufacture of colophony derivatives, looks for antioxidants or processes that improve stability against oxidation, of the glycerine and pentaeritrite esters used in the manufacture of colophony derivatives. Using more effective antioxidants will help obtain clearer final products and higher-quality colophony derivatives. The enterprise would like the technology requested to be in research phase at least.	ES
7475	<b>"Separation of water and hydrocarbons for the cleansing of bilge residue in ships"</b>	Cartago Marpol is a Spanish SME based on the harbour of Cartagena. The company collects the residue from ships (mainly bilge residues) and cleans them. Due to new European regulations the company expects an increase of bilge residue from 2500 ton/year to 15000 ton/year. The company is seeking technology providers that would help them to implement more efficient processes to clean the residue.	ES
<b>CONSTRUCTION TECHNOLOGY</b>			
7125	<b>Manufacturing and development of refrigeration cycles for water-to-water heat pumps</b>	A Dutch company is looking for heat pump developments from manufacturers regarding refrigeration cycles for water-to-water heat pumps. The heat pump sought will mainly be used in houses for heating, cooling and hot water production. Partners sought should have know-how on refrigeration or heat pump technology, design of refrigeration cycles, building complete systems like heat pumps, cooling machines, air conditioners, etc.	NL
7123	<b>TGE - Treatment of water used in soil remediation (washing of contaminated soil)</b>	German company with long experience in soil remediation would like to add wastewater treatment to their processes in order to be able to offer complete solutions to their clients. A partner should already have contacts in the relevant markets and provide a suitable technology and equipment.	DE
7134	<b>TGE - Mud management system: Measuring equipment to define or control flocculent requirements in dewatering of tunnelling slurries.</b>	German company active in mineral processing seeks partner providing measuring equipment to define or control the exact flocculent requirements in dewatering of tunnelling slurries. The equipment should be integrated in their mud management system. The partners measuring equipment should work continually and under construction site conditions.	DE
<b>ELECTRONICS, MICROELECTRONICS</b>			
7189	<b>Micro-technologies and system design for a miniaturized electronic printer based on InkJet technology</b>	An Austrian company is developing a new electronic printer for printing of small pre-programmed texts and graphic imprints for highly flexible marking solutions. The company searches for a technical cooperation with development partners. The partner should dispose of profound knowledge and experience and offer technologies in an advanced stage of development. Relevant fields are embedded system design, hand-held battery powered electronics and implementation of Inkjet print heads.	AT
7181	<b>IN-SITU CONTROL SYSTEM APPLIED TO INSULATING COVER FOR A HEAT-RESISTANT OVEN</b>	A Spanish company is looking for a remote system for the detection of failure. Currently visual inspection is used for this insulated cover for a heat-resistant oven. This means that production has to stop if any repairs are needed. This company would like to contact pottery related SME or/and SME with experience in IR detection system and data analysis.	ES
<b>FISHERIES, RESOURCES OF THE SEA</b>			
7511	<b>Tench farming: in vitro fertilization out of the spawning season</b>	Spanish company specialised in aquaculture is looking for a technology to maintain a highly profitable system of tench farming, in vitro fertilization out of the spawning season. The objectives to be reached are the following: firstly, artificial synchronization of the ovulation stimulation in females with the secretion of spermatid liquid in males, and therefore, out of the spawning season; and secondly, finding a feasible way of keeping the fertilized eggs.	ES
7361	<b>Developing Feed for Cod Farming</b>	A company in Iceland that specialises in fish food, is looking for ways to satisfy its customers by providing them with top quality feed for increasing number of species. It is searching for collaboration in developing, manufacturing or distributing feed for growing cod.	IS
<b>FOOD-AGRO INDUSTRY</b>			
7230	<b>Technology for making tractor biofuel out of rape-seed oil</b>	The Polish Installation and Assembly Plant are looking for partners or institutions that can make available to us a developed technology for biofuel producing and conditioning as well as the information on currently employed machines (possible: development support, information exchange, license or manufacturing agreement or financial support). The stages of producing biofuel out of the rape-seed: 1 Oil extraction 2 Retrograde extraction of the rape-seed oil 3 Purification 4. Filtration	PL
7256	<b>Technology for packaging food products with UHT (ultra-high temperature) standards</b>	A small Polish company is looking for technology for packaging solid and liquid food products in UHT standards adequate to relatively small production scale (to 1 million packages per year - liquid, about 100 000 p/a - solid). The requested partner can be a research institution specialising in food processing.	PL
7376	<b>Know-how or technology for production of new, original meat products</b>	A Bulgarian company is looking for the know-how or technology for production of new, original meat products: durable smoked sausages (steamed and naturally dried), smoked and baked meat products (fillets), rounds, bacon, hams made of not-minced meats.	BG

Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7411	<b>Clarification of sparkling wines for protein elimination and avoidance of oxide formation</b>	A Spanish SME devoted to production and marketing of wines, wants to find a clarifier for its sparkling white and rosé wines. The searched objectives with the use of appropriate clarifiers for these wines are elimination of proteins and avoidance of oxide formation, in order to improve the quality of these wines and to allow their marketing in a shorter time. The company is looking for a partner from sectors like Analytical Chemistry, Food and Drink Additives or Ingredients Technology Industry.	ES
7414	<b>Specific machinery for knotting craft cured sausages</b>	A Spanish SME devoted to the production of craft cured sausages, wants to find specific equipment and machinery to knot their products. The requested equipment will be used to knot craft cured sausages and would replace the manual process of knotting. The company is looking for technical co-operation, a license or a manufacturing agreement to adapt novel or existing technology to their manufacture process.	ES
7417	<b>Antioxidants and/or packaging methods for the storage of smoked beef</b>	A Spanish SME, devoted to the craft manufacture of smoked beef, is looking for antioxidants or packaging methods for smoked beef. After finishing the manufacturing process the surface of the product undergoes a quick oxidation, and this change makes the product less attractive to the consumers. The enterprise is looking for antioxidants or an appropriate gas for vacuum packaging in order to avoid the oxidation process. This method should be in research phase or already on the market.	ES
7513	<b>Inserting apparatus (pistol) to insert a microchip transponder into a living animal</b>	A French SME developing identification and traceability systems notably for use on meat products is looking for an inserting apparatus (pistol) to insert a microchip transponder into medium size livestock. The microchip is the size of a grain of rice and is to be inserted into the animal's leg to allow the traceability of the meat until the consumer's plate.	FR
7514	<b>Mobile or semi-mobile slaughterhouse for rabbits</b>	There is a growing interest for rabbit meat and rabbit raising in Sweden. The development is limited by lack of slaughtering facilities, especially in southern Sweden. A flexible slaughtering system allows farmers and others to find common solutions for raising and processing. A small Swedish company is searching a flexible slaughtering system and technology for slaughter of rabbits.	SE
7101	<b>Microelectronic temperature control system in cold line for the storage of refrigerated food</b>	A Spanish company is looking for a microsystem that could determine precisely possible breaks in the cold chain during the storage of food. The microsystem should measure the magnitude of the deviation from the fixed temperature, as well as when the fail takes place.	ES
7102	<b>Dehydration of Mash from Alcohol Production Using Membrane Filtration Technology</b>	A well-known German enterprise in the field of equipment and plant engineering and construction is looking for a modern technology for the drying process of mash from alcohol production with the use of membrane technology. They are looking for partners who are experts in membrane filtration technology.	DE
7121	<b>Knowledge of building a production line for laser cutting of mushrooms with a shelf life of about 10 days</b>	A Dutch company is looking for knowledge of developing and building production lines for selection and sorting, positioning, and packaging of food, combined with knowledge of laser cutting problems of food. In the production the following technologies must be integrated: vision technology, laser technology and vacuum (gas) packaging, available from the requesting company. The co-operation is will focus on the production lines of production lines and the partner be able to build them.	NL
7448	<b>Packaging in modified atmosphere for traditional pastry products</b>	A Spanish SME, devoted to the manufacture of craft products of traditional pastry, makes different products elaborated using natural egg yolk as raw material. It doesn't use preservative agents in the elaboration process. The enterprise is looking for a process or machinery for packaging by weight in modified atmosphere. In this way, the enterprise wants to automate the manufacturing process and increase the preservation period of its products. The technology could be in initial research phase.	ES
7510	<b>Design of a pilot-scale plant for CO2 recovery from must fermentation</b>	A Spanish Research Centre is looking for enterprises or research centres that can provide information or technology for designing a pilot-scale plant for recovering and purification of CO2 from must fermentation, to be used for food processing.	ES
<b>INDUSTRIAL MANUFACTURE</b>			
7233	<b>Technology for manufacture of multi-coloured plastic flowerpots</b>	A small Polish company is looking for a technology for manufacture of bi- or multicoloured plastic flowerpots. A company believes there are several possible technologies e.g. printing, metallization, covering with foil, plasma treatment. The requested partner should be active in the same sector (production company or research institution) and have experience in plastic processing.	PL
7259	<b>Technology for manufacture of plastic/composite reservoirs</b>	A small Polish company is looking for an environmentally friendly technology for the manufacture of plastic/composite reservoirs of different shapes and for different purposes (especially for wastewater treatment installations). The company believes there is one technology based on blowing up of hot polypropylene on aluminum form by means of centrifugal force and another one based on winding method. The requested partner should be active in the same sector (company or research institution).	PL
7260	<b>Technology for manufacturing metallic bellows</b>	A Finnish company that manufactures, markets and sells connectors and compensators of fabric, rubber and metal, protective and insulating cloths, gaskets and insulation of hot objects is currently looking for new products in their manufacturing program. They request technology for the manufacture of metallic bellows.	FI
7266	<b>Electrostatic painting technology to improve the cost-effectiveness and the quality of painted metal components</b>	Romanian Company is looking for a safe and efficient electrostatic painting technology for metallic components of machines and equipment used in the textile industry. The technology sought must ensure the protection of the operators, atmosphere and environment. The company is looking for a license, equipment with technical support or partners with suitable technology for a manufacturing agreement.	RO
7315	<b>" Technical solutions for the fast turnaround of container loading and unloading between rail and road freight transport systems"</b>	A blue chip Austrian company is searching for solutions and additional applications that could complement their product range and programme development relating to the fast turnaround of container loading and unloading between rail and road freight transport systems. Innovative solutions should be clearly related to the freight transport industries. Potential partners should have experience in the development of such freight transport solutions.	AT
7413	<b>Cutting line for slabs of natural stone starting from irregular blocks</b>	A Spanish quarrying company needs to have special equipment that reduces the cutting time of stone. The cutting equipment has to be able to process any block independently of its size and without needing to carry out prior cuts to level or hold it for subsequent cuts.	ES
7449	<b>Cylinder for textile fabrics support in blade cutting process</b>	A Portuguese company, manufacturer of textile machines, is looking for a cylinder to optimise the manufacturing of its products. This specific machine cuts the textile fabric that is automatically fed. This operation is performed using a specific blade that cuts the fabric while pressing it against a cylinder that also supports it after feed. This cylinder must be made of steel, with a Rockwell hardness of RC 62/66, to be compatible with blade material	PT
7458	<b>Technology for the removal of stickies from waste paper</b>	Mixed waste paper contains plastics, toners, fillers, adhesives, coatings and various other stickies. These contaminants may cause defects to paper machines and reduce production speed and machinery work, which leads to a decrease in daily production. In the conventional process, stickies are removed by hand before the discarded paper is reused. The procedure increases the cost of the raw material. A Latvian company is looking for up-to-date methods for the removal of stickies.	LV



Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7098	<b>Substitute for magnetic wire to manufacture low-cost anti-theft magnetic labels</b>	An Italian SME manufacturing adhesive labels for large distribution goods is looking for a technology to produce anti-theft labels. The technology should be compatible with standard EAS (electronic article surveillance) gates and with print and cut machines used by their client. The new technology would be a substitute for magnetic wire that is not suitable because it's too expensive.	IT
7115	<b>Spraying technology for regeneration of crankshafts in automotive engines</b>	A small Polish company is looking for a spraying technology for spraying a metal powder that will regenerate crankshafts used in automotive engines. The company is looking for technical assistance in applying a metal powder through spraying.	PL
7182	<b>Lubrication technology to reduce tool wear and improve line speed of fine steel wire drawing</b>	A leading supplier of welding consumables is seeking continuously working lubrication technologies. These should reduce tool wear and improve line speed by applying consistent lubricant films during the wire drawing process of its cored-wire products. Possible application technologies either prototype or production could include spray, brush and electrostatic. The company is looking for a license, equipment with technical support or partners with suitable technology for joint exploitation.	UK
7155	<b>Development of moulds for orthopaedic insoles</b>	An Icelandic producer of orthopaedic footwear seeks cooperation with companies in the field of mould making. The technology sought involves know-how of mould making to suit design from a combination of materials. The technology will be used for the development of a new type of orthopaedic insole. Cooperation is primarily sought with those mould making companies who have finished developing suitable technologies. Manufacturing agreement sought for production of end product.	IE
7120	<b>Technology for mixing wood waste products with resin e.g. PVC</b>	A medium Polish company is looking for wood fibre technology: mixing wooden wastes as sawdust and "offcuts" with resin (e.g. PCV) in result the pulp is obtained, which can be formed into planks by means of extrusion. The partner should have experience in wood waste recycling. Know-how is needed. All types of collaboration are possible.	PL
7227	<b>Mechanical agitator for plastic foil recycling process optimization</b>	When extruding plastic foils in a production process the edges of the foil are inhomogeneous and cut off. In many cases this material has to be cut into small pieces and dried before reentering the process. The pieces stick together and resist the flow through the container (hopper) by building bridges or by uneven run-off. The company is looking for a mechanical agitator to stir the material and assure continuous flow through the hopper.	AT
7444	<b>Compaction technology and compactor for communal waste compacting</b>	An Hungarian industrial manufacturer of machinery and different units of machinery is looking for license possibility for a compactor and compacting technologies in order to be able to compact communal waste with great efficiency. A co-operation partner is wanted as well as a manufacturing and/or commercial agreement is an option.	HU
7240	<b>"Small Air-Powered Actuator for the Development of an Automatic Self-Priming Pump"</b>	"An SME in the UK has developed a unique self-priming pump with diverse applications. The SME wishes to develop a mechanised version of the pump that can be used in environments where electricity may pose a risk. A company with experience in the design of Air-Actuated transmission is sought."	UK
7502	<b>Damping System for Hydraulic Cylinders</b>	An engineering company in Northern Ireland is seeking technology to provide reliable damping for the hydraulic cylinders which they manufacture. They want to license an already proven technology rather than work on the development of a new idea. A mechanical system is preferred to an electronic system.	UK
7447	<b>Polymeric component expansible by pneumatic drive for driving holding tweezers</b>	A Portuguese company manufacturer of textile machines is looking for a solution for driving tweezers holding textile fabrics, using a polymeric component that can be expanded / compressed by pneumatic drive. This component should support a maximum pressure value of 1,2 bar and allow a maximum length difference of 30mm (with pneumatic drive). This component will allow the function of activation / deactivation of the fixing tweezers of the textile fabric in production (automatic feed).	PT
7310	<b>"Technologies for manufacturing of bearings and components"</b>	A German company manufactures, markets and sells bearings and super precision bearings for the automobile industry and the space technology. The company is looking for the development of modern manufacturing technologies suitable to be implemented within the shop floor.	DE
7397	<b>Belt conveyors with curves or/and high inclination for bulk transport</b>	A Spanish SME working in the field of metallic construction and industrial assemblies is looking for belt conveyors with curves or /and under conditions of high inclination. They are open to different kinds of collaboration.	ES
7412	<b>Stacker/reclaimer machinery for bulk stockage/reclaiming</b>	A Spanish SME working in the field of construction and industrial assembly is looking for innovative technologies for bulk stockage/reclaiming. They are open to different kinds of collaboration.	ES
7258	<b>Processing and utilization of abrasive waste</b>	A Lithuanian machinery company that produces drills, cutting tools, etc. is looking for a company for the processing and utilization of abrasive waste. Company is requesting partners who will be able to recycle abrasive waste, especially in small amounts.	LT
<b>INDUSTRY</b>			
7142	<b>Enhancing the value of stainless steel, ceramic fibres and precious metals from catalytic exhaust pipes</b>	A French company is looking for a safe and efficient technology allowing the separated extraction of stainless steel, ceramic fibres and precious metals (platinum, rhodium and palladium) from exhaust pipes. The process sought must ensure the protection of the operators, atmosphere and environment. They are looking for partners with the requested know-how for technical cooperation.	FR
7378	<b>Coatings or surface treatments on sheet steel resisting to crimping or rolling process.</b>	A German society (Head Office in Munich) is a specialist in braking systems for heavy trucks and trains. Their French firm is responsible for study, development and industrialisation of brake actuators regarding heavy trucks. They are looking for partners offering surface treatments (electrolytic, paintings, etc) applied to sheet steel of 3 to 4 millimetre thickness. These treatments will have to resist to mechanical constraints generated by matter distortion during rolling or crimping process.	FR
7309	<b>"Wood recycling material, reinforced with plastic or fiber"</b>	The technology requested by a Spanish company consists of a recycling product made of wood and plastic or any other material that is like wood. This technology solves an environmental problem, since the mixture of residues can be reused after their life cycle. Burning or throwing into the rubbish dump is, thus, avoided. This company is looking for a partner that manufactures such a product. The searched product must be cost-effective.	ES
7187	<b>Development and manufacturing of sophisticated work gloves</b>	A German manufacturer and distributor of work gloves is looking for a partner to accompany their development of waterproofed work gloves in the mid-price segment and to manufacture those gloves eventually. The partner sought for a long-term cooperation must have experience in the manufacturing of gloves and the manufacturing process will be certified by the customer who also supplies components.	DE

**Πληροφορίες**

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Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
<b>INFORMATION TECHNOLOGY</b>			
7317	<b>Internet applications based on JAVA and XML technology for the construction of web-based ERP</b>	The Spanish company SINERGIA TECNOLÓGICA is seeking software partners that would provide them with already developed enterprise management modules (i.e. sales, production, supply chain management, etc.). SINERGIA has just finish its first version of a Enterprise Internet Solution and would like to make it more powerful by integrating utilities for companies management. The system has been developed in Java and the requested modules should be done on a web-based orientated language (ideally Java)	ES
7445	<b>Hardware safety technology for development of a new type of firewall for computer network protection</b>	A Dutch SME is looking for manufacturers of safes for the development of a new and improved firewall. A firewall is a computer that monitors networks and should therefore be properly protected against unwanted visitors. The company wants to develop the hardware parts in co-operation with a partner. The firewall should be operated like an on/off switch with a key.	NL
7119	<b>Ordering system through GSM phones for field personnel</b>	A Portuguese company would like to develop an ordering system that would allow field personnel to order parts, report usage, etc. through standard GSM telephones. In order to develop this system, it is looking for partners who are competent in field maintenance support activities and e-commerce development, as well as for a TOG (Technical Oversight Group) to ensure WAP (Wireless Application Protocol) compliance and to host open-source results.	PT
7099	<b>Kiosk Manufacturer looking for technology collaboration to strengthen European Market penetration</b>	Scottish manufacturer of kiosks is looking for innovative companies in various areas, with a view to collaboration and integration of technologies. The company is interested in organisations working in the fields of billing systems, smart cards, interactive TV, Customer Relationship Management Software, ATMs, Video Conferencing, Wireless File Transfer/Microcode.	UK
7377	<b>Non-contact smart cards carrying 1 Kbyte</b>	A Swedish SME manufacturer and developer of, among other things, entry and ID systems using magnetic stripe cards is seeking alternative technologies for their applications using non-contact smart cards. Particularly, the company seeks non-contact smart cards, or similar, that can carry about 1 Kbyte of user data. The company is ready to discuss any kind of agreement.	SE
7165	<b>Video server for mobile telephones</b>	A Spanish company working in the field of mobile phones is looking for a product that is able to serve video to mobile phones. The quality requirements are not too exacting because the screens are small. The company is looking for companies or research groups for technical cooperation or manufacturing agreements	ES
<b>MATERIALS TECHNOLOGY</b>			
7117	<b>Mechanical recycling techniques based on a delamination principal for recycling of Optical Fibre Cables</b>	The aramid fibre and steel wire in the optical fibre, as well as the oily gel, prevents the use of regular recycling route for these cables. Therefore mechanical recycling techniques based on a delamination principal are needed. Organisation is looking for several partners regarding further R&D support and/or information exchange.	NL
7226	<b>Technology for the manufacture of spiral-shaped graphite-metal sealing</b>	A medium Polish company is looking for a technology for the manufacture of spiral-shaped graphite-metal sealing for chemical and petrochemical industries and for plants constructing chemical equipment. Ideally, the partner company should be of similar production profile or producer of machines for sealing manufacture.	PL
7164	<b>Technology for the manufacture of composite plates consisted of metal and non-asbestos cover</b>	A medium-sized Polish company is looking for a technology for the manufacture of composite plates consisting of metal and non-asbestos cover filled with high-temperature-proof material (Kevlar, ceramic fibres). A partner company with experience in material engineering is sought for a joint venture or for establishing a new company.	PL
7139	<b>High strength and seawater resistant materials (such as stainless steel) for production of seawater resistant shaft couplings in marine environment</b>	A Dutch company has developed a shaft coupling for yachts, which does not need a protection cover filled with oil (unique). The product would be ready for the market if the company is able to find a partner that is a manufacturer and/or supplier with know-how of stainless steel and corrosion protection methods, experience with materials used in seawater and able to supply staff materials. Materials should be in stock at supplier or able to be delivered quickly.	NL
7275	<b>Expertise in the Recycling of Fridges and Freezers According to EU Regulations</b>	A UK SME with good experience in metals and electrical components recycling seeks assistance in implementing the technology to recover gases from insulation foam during recycling of fridges and freezers. The preferred partner would be an SME with good experience of the recovery of HCFC and CFC gases.	UK
7512	<b>Special Thermo indicator resistant on gamma radiation</b>	A Polish Research Company seeks an indicator that would be able to determine the critical temperature inside a hermetic container that has been locked during one week. This indicator must be resistant on gamma radiation and thermal neutrons beam. The research company is looking for a license, equipment with technical support or partners with suitable technology for joint exploitation.	PL
7285	<b>Technology to Clean Stonework using Micro Bacteria or Enzymes</b>	A small Irish company is seeking technology for using micro bacteria or enzymes to clean stonework as a viable alternative to sandblasting, power water washing etc. The company is seeking a license or a strategic alliance with a partner who has the requested technology.	IE
7318	<b>FUEL CELL SYSTEM FOR ENERGY SUPPLY IN HYBRID CARS</b>	A Spanish Research Centre with experience in fuel cells and automobile applications is looking for a European fuel cell supplier. Now they want to combine both to develop a hybrid car. They are doing research into fuel cell stationary applications to obtain electricity and thermal energy. For a stationary application it would be interesting to have available a fully integrated system, composed of a fuel processor, a fuel cell and a power conditioner.	ES
<b>MEDICINE, HEALTH</b>			
7308	<b>"Artificial pupil reacting on light and dark for synthetic eye prostheses"</b>	A small Dutch company with expertise in the manufacturing of individual synthetic (polymethylmethacrylate) eye prostheses is looking for a partner who is able to develop and manufacture pupils that react on light and dark and fit in artificial irises.	NL
7124	<b>Umbilical cord blood analysis of carbon dioxide content after childbirth</b>	A company in Gothenburg, Sweden is manufacturing equipment for monitoring the childbirth process. In order to verify the information from the system, the carbon dioxide content in the umbilical cord blood is essential to measure. A quick and accurate response must be delivered. The measurement shall be made with limited cleaning demand and mostly one-way components shall be used. The company is looking for a partner able to provide R&D support.	SE
7141	<b>Technology for manufacture of reinforced polyurethane drain for medical purposes</b>	A small Polish company is looking for a technology for the manufacture of components for multi-field and ablation electrodes, reinforced drain e.g. of polyurethane, thermistore thermometers and Swan-Ganz's catheters. Licensing, technical cooperation and commercial agreement with technical assistance are considered with manufacturers or suppliers.	PL



Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7218	<b>Expert Knowledge to fine-tune operating table and other patient positioning equipment</b>	A Dutch company offers the technology and the feasibility study results for the development of a set of state-of-the-art operating tables to be customised with accessories. The feasibility study covers a line of operating tables ranging from mobile tables to fixed mounted automatic tables. The company possesses all necessary technology (mechanical, electrical, etc.), requests however the expert knowledge to work with international physicians to fine-tune this equipment.	NL
7302	<b>"Knowledge in pneumatic transport systems for hospital waste"</b>	A small Dutch company is a manufacturer and supplier of cleaning, disinfecting and sterilisation equipment for the healthcare sector. They are looking for a partner with expertise in pneumatic transport system. The system must prevent contamination of all kind of diseases.	NL
7255	<b>Joining technology for bactericide air processing equipment</b>	A French SME is searching partners to realize complete bactericide air processing equipment. The bactericide aspect of the technology and its autonomy (usable as a battery with deported control) are naturally suitable for hospitals. The process should prevent infections. The company is looking for designers with abilities for the box realization (made in inox) of the equipment and noiseless motor manufacturers	FR
7379	<b>Generic or new drugs for non-invasive ocular delivery</b>	This French company has a product capable of delivering drugs non-invasively into the posterior segment of the eye. They are looking for generic or new drugs for ocular diseases. The drug could be formulated and packaged specifically for this application if necessary.	FR
<b>PHARMACEUTICAL/VETERINARY</b>			
7133	<b>Non-toxic chemicals miscible with oils and water</b>	A French company is searching for non-toxic chemicals miscible with vegetable oils and aqueous solutions, that will be used as solvents in care products. Partner sought are industrial companies or even laboratories.	FR
7316	<b>"New uses of natural agents for the treatment of parasite and infectious diseases in animals"</b>	A Spanish SME is looking for natural products with new uses for the treatments of parasite and infectious diseases in animals. Their use would limit the appearance of resistances due to an indiscriminate use of antibiotics and would involve a substantial reduction of the economic losses generated in suppression periods for cattle dealers. Also, it would allow carrying out the new Community Guideline about residues from animals suitable for human consumption.	ES
<b>TRANSPORT</b>			
7362	<b>Machinery for continuous bulk loading/unloading of ships in a port</b>	A Spanish SME working in the field of metallic construction and industrial assemblies is looking for innovative technologies for continuous bulk loading/unloading of ships. They are open to different kinds of collaboration.	ES
7418	<b>Technology for production of methyl ester from rapeseed oil for use as a fuel</b>	A Polish Company is seeking innovative technology for a new kind of fuel production. Preferred technology is production of methyl ester from rapeseed oil. The company is looking for a partner able to supply know-how and basic design or "turn key" plant.	PL
<b>WASTE MANAGEMENT</b>			
7257	<b>Utilization of slime after heat treatment</b>	A Lithuanian machinery company, producer of drills, cutting tools, etc. is interested in finding partners for the utilization of the slime after treatment by heat. The waste is in solid fractions and harmful.	LT
7351	<b>Technology for the transformation of paper and wood waste products into garden soil</b>	A Cyprus waste management company is searching for a technology that transforms solid waste in the form of paper or wood products into a type of garden soil for market exploitation. The technology must involve the possibility of characterizing the resulting soil as far as plant disease is concerned, as well as ways of controlling potentially harmful elements. It should also involve some method of characterizing soil composition to ensure that it is suitable for household plants.	CY
7188	<b>Technology to remove suspended solid from feed-water to membrane-based water treatment systems</b>	A leading UK supplier of water treatment systems is looking for effective technologies for the removal of suspended solids and/or organic materials from feed-water (process, surface or effluent) to membrane-based water treatment systems. Possible technologies either prototype or production would include media filtration and/or clarifiers, membrane filters and/or chemicals. The company is looking for a license, or partners with suitable technology for joint exploitation.	UK
7398	<b>Utilization of landfill-site gas in the recycling of discarded tyres</b>	A Czech SME is searching for a company that can provide a technological solution for the utilization of gas produced at the municipal solid waste landfill in the recycling of discarded rubber tyres. The assumption of the project is that the resultant material should be utilizable in marketable materials, preferably with potential use in the municipal sector. As an energy source for the treatment and processing gas should be collected at the landfill site with a capacity of 500 000 m3.	CZ
<b>OTHERS</b>			
7443	<b>Technologies for wood and steel processing for the manufacturing of furniture for disabled children</b>	A Dutch company develops and produces furniture for disabled children in small series. The company wants to focus on the development of new products and is looking for suppliers of parts made of steel and of laminated wood. The ideal partner company possesses technology in both of these fields.	NL
7116	<b>Integrated System for irrigating Golf Courses in Semi-Arid Regions using Wind Energy</b>	Irrigation is currently done regardless of soil humidity conditions, and the consumed water in the greens is previously established by time cycles, which can only be changed by manual programming of the controllers. A Portuguese company would like to develop an integrated system controlling the quantity of water according to soil humidity. They are looking for manufacturers of windmill systems, oil-hydraulic systems, pneumatic equipment and air compressors for joint development of the system.	PT
7156	<b>Curing technology for fiberglass pipes production</b>	An Italian SME, specialised in planning, producing and installing fiberglass pipes, is looking for a proven curing technology based on microwaves, as well as on ultraviolet radiation. The innovative technology should cure vinyl ester-epoxy glass fiber reinforced plastic (GRP), producing a saving in terms of energy.	IT
7210	<b>Flexible Excimer Laser Based System for in-Situ Cleaning of Artworks and On-line Control of its Quality</b>	The technology request refers to a portable, flexible excimer-laser-based system, to allow cleaning of the artworks on site. It has been developed by a Portuguese company and it is aimed at developing a controllable device to deliver the laser radiation to the artwork surface, which will be transmitted from the portable beam source to that device through a flexible system. The company wants to collaborate with artwork conservators, restorers of paintings, frescoes, and museums.	PT

Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
<b>AERO SPACE TECHNOLOGY</b>			
7170	<b>Manufacture of Pure Metals and Alloys with Low Oxygen Contamination by Electron Beam Melting and Refining in Vacuum</b>	A Bulgarian research group has developed a technology for manufacturing blocks of Cu, Ni, Cr, Co, Mo, W, Zr, Hf, Ti, Ta, Pt, Pd, V and its alloys weighting up to 50 kg at low oxygen contamination. The manufactured metals are characterised with improved electrical, magnetic and mechanical properties due to minimisation of the non-metallic inclusions.	BG
7204	<b>A continuous extrusion process of thermoplastic honeycomb sandwich structures</b>	A French company offers a continuous process for producing honeycomb structures. In the near future, they plan to offer a continuous calendaring process to produce composite honeycomb sandwiches. This technology can be licensed or shared through a joint venture. Application domains aimed are various industrial sectors interested in honeycomb sandwiches: Automotive, trucks, caravans, aircrafts, etc. Potential partners are plastic, equipment, car, coatings, material manufacturers."	FR
7150	<b>Pyrocarbon: a new high-performance material for engineering applications</b>	A French company is developing a material called Pyrocarbon (or pyrolytic carbon). This material has hardwearing resistance, low density and a perfect biocompatibility. Pyrocarbon is an unusual material because it combines mechanical properties of ceramics with plastics characteristics. Currently, Pyrocarbon is only used in medical devices but the company wishes to develop new applications for this material.	FR
7451	<b>COMFIL Excellent Commingled Fibre Reinforced Thermoplastic (FRTP) composite fibres</b>	Norwegian company has developed a FRTP composite with PET fibres as matrix and E-Glass as reinforcement fibre. The products may be fibres or woven, multiaxial- or uni-directional fabrics. The technologies were proven & verified during manufacturing of a 20-feet big boat hull for Umoe Schat-Harding. The company is looking for a financial strong partner for material and process developments, licensing and commercial agreements, marketing of FRTP products.	NO
7452	<b>HIFIL - New-generation carbon FRTP (Fibre Reinforced Thermoplastic) composite fibres</b>	Norwegian company has developed a new carbon FRTP composite. The matrix fibre is PET. Advantages are: high performance from parallel and straight filament distribution; optional thermoplastic plasma sized carbon for high-end applications; applicability for stamping, vacuum bagging and winding processing methods; use of continuous and orientated fibre technology. The company is looking for a financial partner for continuation of material and process developments, or for licensing agreements.	NO
7346	<b>Advanced know-how on Communication and Navigation Systems</b>	The NAVSAS group, at an Italian university, works on navigation and positioning systems. They offer high advanced expertise applied to navigation problems focusing on signals/channels management and simulation, definition of innovative algorithms for user receivers and stations (terrestrial/stratospheric) and definition of strategies for integration among communication and navigation systems too. They look forward to agreements with EU companies TILC, Aerospace and Auto for further RTD actions.	IT
7492	<b>HICORE - The recyclable thermoplastic PET (Polyethylene Terephthalate) core for sandwich applications</b>	A Norwegian company has developed a unique core made of extruded closed cell foam. HICORE's advantages are outstanding temp. resistance to 180C, excellent insulation properties, high mechanical properties, good bonding properties to both FRTP (Fibre Reinforced Thermoplastic) & FRP (Fibre Reinforced Plastics); easy forming & machining. The company is looking for a financial strong partner for Material- and process developments, Enforce customer- and licence projects, marketing of FRTP	NO
7494	<b>HIFINISH - Surface coating systems for FRTP (Fibre Reinforced Thermoplastic) composites</b>	A Norwegian company has developed a new surface coating system for FRTP composites. The Hifinish system is an Acrylic powder system for surface protection/top coat. Hifinish's advantages are medium to high temperature application, high surface quality, high surface hardness and durability and in-mould applicable. The company is looking for a financial strong partner for: Material- and process developments, Enforce customer- and licence projects and marketing of FRTP products.	NO
7332	<b>New Kinematics of Motion Conversion - A Sinusoidal System to Convert Rotary/Linear Motion</b>	A Polish inventor has developed an innovative system, which reduces the speed of rotation (in engines) and increases the number PL of strokes (in pumps). The System offers a simple, sinusoidal translation with the minimum of parts. The company is looking for industrial partners interested in further development and companies for testing of new applications and for commercialising the product	
7463	<b>Turnkey solutions for design and contract manufacturing of microelectronics (micromodules)</b>	A Finnish SME offers design and manufacturing services of microelectronics. The company has complete turnkey solutions from design to final assembly of electronic products and long experience of chip encapsulation. The advantages rely on both high flexibility solutions and customer oriented products and own LowTempCofiredCeramic-manufacturing. Company is interested in designing and manufacturing of both low and high volume products and is looking for long term technology co-operation.	FI
7322	<b>ASSEMBLING PRESS EQUIPPED WITH ON-LINE QUALITY PARAMETERS CONTROL</b>	A Basque company has developed a new type of presses that allow control of the press parameters (force, position, speed and time), allowing to say if the operation has been successful or not. Thanks to this, production lines can avoid the following quality control step. For an efficient and flexible interaction with their environment there are three standard interfaces. Partners sought must be interested in the application or commercialisation of this type of press machines.	ES
7487	<b>X-ray fluorescence technology for local quantitative standard free analysis</b>	A Finnish SME has developed a second-generation energy dispersive x-ray fluorescence spectrometer (EDXRF) based on fundamental parameter program. The main applications for the analyser are local quantitative analysis of precious metals, jewellery, electronics components, printed circuit boards, plating baths, metal alloys, minerals and scrap metal. The company is looking for commercial and manufacturing agreement with long term technology co-operation.	FI
7229	<b>Manufacture of pure metal powders by vacuum melting and gas atomization</b>	A Bulgarian SME has modified the existing technology for manufacture of pure metal powders through vacuum melting & sequential atomization by pure inert gas. The cooling conditions of the atomized droplets were changed. The morphology, chemical composition & structure can be controlled in wider range. The powders are applicable for hard facing, weld surfacing or mastering sintered details. Collaboration: trials of pilot parties of test powder materials & custom design production or new products	BG
7366	<b>Ceramic or metal fabrics as support structures in high-efficiency liquid cooling heat exchangers</b>	A Bavarian Research Centre in Applied Energy Research is looking for industrial partners who are interested in applications of fabrics as high-efficient heat transfer structures for heat removal e.g. from heat exchangers' surfaces or covered pipes in liquids.	DE
7314	<b>Lightweight composite solutions for fast moving parts in machinery applications</b>	A Finnish SME develops and manufactures lightweight reinforced plastic composites for demanding machinery applications. Advantages are low weight, high stiffness and strength, damping, tailorability to the needs. Company offers thorough understanding of composite materials and production methods necessary to achieve cost-efficient products. Company is looking for industrial partners, who build machines with fast moving parts and have a need for composite technology transferred into their product	FI
7496	<b>MOULDBAG - Ultra durable and flexible vacuum-bag system for low to high temperature composite processing</b>	A Norwegian company has developed a flexible vacuum-bag system for high temperature composite processing. MOULDBAG's advantages are moulded into complex shapes. The total bagging system with seal flange, connectors and valves. It is re-usable for more than 200 runs at 200oC. High elongation (400-850%). Repairable. Low costs system. The company is looking for a financially strong partner for material and process developments, enforce customer- and licence-projects & marketing of FRTP products	NO
7498	<b>CERAMOULD - New ceramic mould system for FRTP (Fibre Reinforced Thermoplastic) composite industry</b>	Norwegian company has developed a new ceramic mould system for boats, car parts, hatch covers & side window cover. CERAMOULD's advantages are extreme wear resistance, high temperature resistance, excellent thermal stability, full plug reproduction, shrinkage below 0.1%, weight 3.1 g/cm, hard and smooth surface, and low cost system. The company is looking for a financially strong partner for material & process development, enforce customer- and licence-projects and marketing of FRTP products.	NO





Κωδικός	Τίτλος/Περιγραφή	Περιλήψη	Χώρα
7491	HICOMB - Customised FRTP (Fibre Reinforced Thermoplastic) laminates and sandwich panels	A Norwegian company has developed FRTP products for post processing. HICOMB's advantages are as follows: fully recyclable, specified fibre types and orientation, partial or full consolidation; high quality laminates, and has several surface finish options. Sandwich panels available with balsa, PET-foam or other core materials. The company is looking for a financial strong partner for: Material- and process developments, Enforce customer- and licence projects, Marketing of FRTP products.	NO
7517	ESAComp: Software For Analysis and Design of Laminated Composites and Sandwich Structures	A Finnish SME has developed new software called ESAComp for the analysis and design of composite laminates and laminated structural elements. Presently ESAComp software is used mainly in the aerospace field but it has also been developed as a general tool for people dealing with composites. Partners from different fields of industry are being sought for the development of further applications and to exploit the existing know-how.	FI
7358	"Advanced Know-How on Augmentation Systems for GPS (Global Positioning System) and Galileo"	The NAVSAS group works on topics related to navigation and positioning at an Italian university. They offer high advanced expertise on the study of augmentation systems for GPS and Galileo, based on the use of HAPs. They specifically address two applications: design of an aerial transponder for differential correction broadcasting design of an aerial pseudosatellite able to provide an additional pseudorange measurement. They are keen on collaborating with EU companies for further RTD.	IT
<b>AGRICULTURAL AND MARINE RESOURCES AND PRODUCTS</b>			
7247	"INORGANIC COMPOSITE SORBENT FOR REMOVING AND IMMOBILIZATION OF HEAVY METALS AND/OR PHOSPHATES"	West-Slovakian Company has developed a method for producing a sorbing for removing and immobilisation of cations of the heavy metals and/or phosphates in contaminated solids and/or liquids. The sorbing according to this invention is a composite granular material consisting of a carrier of schistose nature or related to the wastes from coal preparation. This company seeks partners from chemical and agricultural sector.	SK
7199	SUPERGRIP - remote controlled, automotive, load ropeway for transport applications	Based on comprehensive practical experience an Austrian inventor has developed an automotive load ropeway. Advantages over conventional ones include no use of a haul rope therefore high flexibility, simple assembly, disassembly, the remote control, load transport over ridges even in one direction. The inventor is looking for industrial partners interested in manufacturing and sales distribution who want to buy, license or file together a new patent on the innovation.	AT
7146	Analysis of fruit and vegetable maturation in greenhouses using artificial vision techniques	A Spanish research group has developed a technology to monitor fruit and vegetable maturation in an automated way using artificial vision. This technology, gives detailed mapping and monitoring of product characteristics in order to optimize the productivity of the farming field, and it controls vegetal maturation in real time and creates image maps by combining high-resolution image data using an Internet system. This group is looking for farms for licensing or commercial agreements.	ES
7402	Development and improvement of systems for the propagation of forestal species	A Spanish research group has analysed the relationship existing between the molecular markers and the regeneration of roots in several kinds of pines in adult phase. These studies allow to develop strategies for the selection and propagation of trees and the improvement of forest productivity. The profits of improving the propagation capacity of trees are high for public and private organisations in the forest sector. This group looks for industrial partners for licence/commercial agreements.	ES
7419	New Cover protecting vehicles from hail etc.	An Italian inventor has developed a vehicle protection cover, particularly for protection against hail and comprising of a large sheet, big enough to spread over and cover at least the bonnet, boot and roof of a car. All materials used to construct the sheet are light-negative. The inventor is looking for organisations meaning to apply for a licence or to buy his patent and manufacture this sheet under their own management.	IT
7432	Growth stimulation product for horticulture and agriculture	A Swedish company has developed an ecological growth stimulation product, to be used to increase yield and aid resistance against certain micro-organisms. The company seeks joint venture for development and large scale field trials for verification of effects and in future also sales co-operation	SE
<b>AUTOMATION/ROBOTICS</b>			
7441	Self-lubricating sintered bearings for use in high-loaded friction centres	A Polish R&D institution has invented a new way to produce composite, self-lubricating sintered bearings by means of a special powder preparation, introduction of an additive and a special method of sintering. There is no seizing in the developed bearings at higher rubbing speed, with only slightly reduced load. The institution is looking for a partner for the product to be used in further applications.	PL
7136	PeopleBot: Friendly robot to assist elder and/or handicapped people	A Spanish research group from Universidad de Alcala has developed a technology consisting of a friendly robot called PeopleBot, capable of assisting elder and/or handicapped people. The user can lean on it to go from a location to another in inner environments, and it can perform tasks of tele-attendance. Moreover, the user can work, speak with it and, and also connect to Internet through it. The group is looking for partners to promote its product throughout Europe.	ES
7152	Wheelchair Guidance for the Handicapped through Facial Movements by Applying Artificial Vision Techniques	A Spanish research group from Universidad de Alcala has developed a system for the guidance of an electrical wheelchair for those handicapped people that have severe disabilities. The system is non-intrusive and it allows visibility and freedom of head movements. It is able to learn the user's facial movements in an automatic initial set-up. It is adaptable to light and background changes in inner environments. The group is looking for industrial partners capable of commercialising the product.	ES
7168	A method of detecting superficial defects on plastic parts (during industrial inspection) using artificial vision	A Spanish research group from Universidad de Alcala, has developed a detection method of burns on plastic pieces applying techniques of artificial vision. This method models the colour distributions of images using Gaussian functions. It has a wide range of applications for detecting colour objects. It has also great potential in industrial inspection due to its speed, accuracy and unsupervised training. The group is looking for industrial partners to implement the product in their companies.	ES
7399	Image Analysis - Motion detection in real time, software tools for Windows environments	A Polish SME is offering innovative software tools - new DLL (Dynamic Link Library) libraries, working in a Windows environment, intended to analyse images and, through peculiarities in the images, to detect movement in real time. These libraries allow the implementation of programs to guard properties or detect movement in every programming language for Windows environments. The company is looking for joint venture partners and industrial partners interested in further development.	PL
7265	Technological solutions for machinery for fully automatic or semiautomatic assembling systems for electronic industry	An Estonian SME is offering technological solutions to design machinery for fully automatic or semiautomatic assembling systems for electronic industry. The offer is targeted to manufacturers requiring automation of final An assembling processes and/or system integrators.	EE
7325	Vehicle Overcharge Monitoring Unit (Black Box)	An experienced Polish company has developed the unit dedicated to measure and store load values during vehicle exploitation. The unit allows checking if the vehicle is made subject to overcharges, it supervises the exploitation conditions. It enables to determine and prove the reason of the vehicle failure. There are available various versions for different vehicle types (trucks, buses, trains and trams). The company is looking for Commercial Agreement with Technical Assistance.	PL
7388	THERMO-WET: Computerised system for high temperature measurements of surface properties	A Polish research team has developed a computerised device THERMO-WET (hardware and software) for the automated measurement of important surface properties at high temperatures (wetting angle and surface tension) of liquid and solid in contact. Advantages over currently used methods include high precision and repeatability of the results, short time of measurement and the use of image analysis system. The authors are looking for licensees from industry and research sector.	PL

**Πληροφορίες**

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Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7360	SCSI device server with very small outline with Ethernet and USB Interface	An Austrian company has developed a SCSI (small computer system interface) device server with very small outline (59,7 mm by 39,37 mm) to save space (up to 80 % in server rooms or farms) at substantially lower costs. The company is active in the development of innovative hard- and software and is looking for international partners for the distribution of SCSI device server.	AT
7484	Tuneable monochromatic (bandwidth $\pm 5\text{nm}$ ) imaging device from 200 up to 5500nm	An Art Diagnosis Centre in Greece has constructed an innovative device that constitutes a powerful tool of investigation on continuous imaging from 200nm to 5500nm and permits the acquisition of data and measurements related to all kind of inorganic or organic materials of artistic paintings or other applications. In the near IR area an amazing number of information becomes visible in a non-destructive way, emerging from a continuously increasing depth. All kinds of collaboration are sought.	GR
7281	Oliver The LAN Checking Alarm	Oliver is software developed by an Italian company. It allows control of the service states of a server system and organizes them by sending this information on the user's account by email or through SMS (Short Message Service) by mobile phone. It offers real-time information on the system server state and alerts on possible crashes. The company is looking for a partner to commercialise this technology.	IT
7352	"Wastewater treatment based on electro coagulation technology for industries working with infrared material"	A small French company developed a wastewater treatment for industries working with infrared material (optics, electronics and telecom). This modular and compact process solves problems of toxic liquid discharge management in companies. Electro coagulation technology significantly reduces the costs of waste recycling by reduction of sludge volumes. The company is looking for industrial partners interested in manufacturing and distributing this system.	FR
7410	New method for measuring the parameters of moving traffic using computer analysis of images	An innovative method of transforming video images from a Polish SME allows the measurement of certain parameters of moving vehicles (speed, length and acceleration) in real time using a standard PC operating under Windows with a video card and camera. The offered technology also makes the counting of vehicles in moving traffic possible and can detect potential collision situations. They are looking for partners who are interested in implementing this technology in existing and future products.	PL
7251	Technological solutions for machinery for fully automatic or semiautomatic packaging systems	An Estonian SME is offering technological solutions to design machinery for fully automatic or semiautomatic packaging systems mainly for electronic industry (process automation, industrial robots). The potential users are manufacturers requiring automation of packaging processes and/or system integrators who are interested in technology transfer in this field.	EE
7323	Machine Vibro-Diagnostic Module (VIBCON) for real-time diagnosis of machines, devices, structures etc.	An experienced Polish company has developed unit dedicated to measure and store vibration values at the selected locations. It enables real-time diagnosis of machines, devices, structures, etc. The stored data and vibration overflow values can be subsequently transferred to a computer for visualisation, trending, long-term and short-term measurement prediction, symptom deep analysis, etc. The company is looking for partners for Commercial Agreement with Technical Assistance.	PL
<b>BIOTECHNOLOGY</b>			
7222	Plants transformation: obtaining of genetic modified organisms using the garlic as model of sterile plants	A Spanish research group has developed an experimental model to transfer foreign genes into plants to improve agronomic traits and to investigate fundamental aspects. It is very important for species such as garlic ( <i>Allium sativum</i> L.), which is considered sterile for practical purposes. The group is looking for groups studying genetics for knowledge interchange and biotechnology companies for commercial or another agreements.	ES
7217	Elite-Lunimescent phenomena detection for environmental monitoring, food quality control and medicine	The technology proposed by a Belgian start-up enables accurate detection, based on emission of light, and measurement of a range of elements harmful to environment or to human health by using existing detection kits. This inexpensive technology measures extremely low quantities of light emitted during reactions of chemiluminescence or bioluminescence and delivers an array of sensors selectable via software, thus providing extreme flexibility for a range of users in a variety of situations.	BE
7161	COMBINE: New method for drug compound energy interaction prediction	A Spanish group has developed a prediction method (COMBINE) of energy interaction prediction. The biological activity of a compound largely depends on its interaction energy with the receptor. Unfortunately, such interaction energies are not easy to calculate accurately. With the COMBINE method it is possible to foretell and evaluate the energy interaction of new compounds. The group would like to contact industrial companies in order to transfer its knowledge.	ES
7224	Technology to improve the corn grain maturation as model for other cereals.	A Spanish research group has developed a method for improving the maize grain maturation, and also useful as model to other cereals. The process consists of isolating genes related to plant growth and development in potato, barley, maize and tobacco. The production of transgenic plants with less glycine decarboxylase activity in the mesophyll cells of leaves improves their productivity. They are looking for biotechnology companies for licence or commercial agreements.	ES
7450	Catheterisation laboratory for experimental research for large animals like pigs, sheep and rabbits	A German company offers a new concept of an animal laboratory with the possibility of catheterisation for large animals like sheep, pigs or goats. The animals are kept within their natural environment. Large experimental animals are necessary for studies in various kinds of - not only medical - research, thus it is difficult for SME or research institutes to find a laboratory where catheterisation is possible. The company is looking for partners for technical cooperation.	DE
7462	GlutaDON: new therapeutical active enzymes and an effective, new PEGylation system to suppress immune response to drugs	A German company developed pharmaceutical active enzymes that are based on a totally new therapeutic approach special to the oncology field. With a new procedure - the PEG-Screen system - they are able to optimise PEGylation for enzymes, peptides and other biological active compounds. PEGylation is used to suppress immunogenicity and it is also used to increase the in-vivo stability of drugs. They are looking for license contractors, technical collaboration and investors.	DE
7440	Bio-ethanol production from lignocellulosic renewable sources such as agricultural residues and waste of papers or wood processing	The coupling of the steam-explosion technology with SSF for ethanol production has proved to be competitive (yield 200-300 l. ethanol/t. biomass) also using lignocellulosic wastes (agricultural residues, waste from papers and wood processing) as feedstock. Partners are being sought for supporting further technology research and/or development: research centres, companies involved in this topic, SMEs processing paper and wood producing large quantities of waste, motor vehicle producers.	IT
7339	(Immuno)affinity extraction for selective isolation of compounds for fast purification, concentration and/or analysis.	A small Dutch company developed an assay with technology for affinity extraction for selective isolation of compounds. It offers the possibility to separate complex samples with a selectivity that cannot be achieved by other methods. This selectivity is derived from the use of an activated material to which a specific biomolecule is covalently coupled. The company is looking for a partner that should have knowledge from the technique described or should have knowledge about the market.	NL
7371	Natural substance based agent functional food supplement	An Austrian researcher developed a food supplement with advantageous physiological effects containing the essential constituents in a support material including (e.g. dairy products, fruit extract, pectin or olive oil): lecithin, red wine extract and D-alpha-tocopherylacetate. The new natural substance based agent is active in the prevention of several diseases and in the stimulation of the immune system. Partners for the production of the agent and for a further development are looked for.	AT
7430	Innovative model for the transport of anti-tumour substances to macrophages	A Spanish research group has designed physiologic carriers containing etoposide (anti-tumour substance) or interleukin 3 (cytokine with protective effect), with a possible application in anti-tumour therapy because they can be directed to macrophages. The results support this model as a feasible and more selective system to kill malignant macrophage and to rescue the normal macrophage after chemotherapy treatment. They are looking for a pharmaceutical group for knowledge transfer.	ES



Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7293	<b>Innovative studies of the incorporation of antitumoral dequalinium into cellular carrier systems</b>	A Spanish research group has studied the incorporation of Delocalized Lipophilic Cations, as Dequalinium (DQA), belonging to a novel class of antitumoral agents, into different carrier systems and carried out in vitro and in vivo studies to reduce the dose in neoplastic processes. DQA is selectively more toxic to carcinoma cells than to non-transformed cells. The group is looking for industrial partners for license or commercial agreements.	ES
7288	<b>Light emitting living cells as a fast, sensitive and precise biological sensor system</b>	Genetically engineered cells, developed by a Swiss University research team, can be detected and quantified rapidly due to their bright fluorescence. The optical signal is proportional to the cell number over a wide range. Cells can be measured non-invasively in standard cell culture plates or through any transparent barrier. Compared to other methods, it demonstrates effects faster and with a higher precision. License agreement, joint venture or marketing agreement partners are sought for.	CH
7299	<b>Cell lines co-expressing an amyloid precursor protein and an alpha-secretase for the treatment of Alzheimer's disease</b>	German scientists have developed a cell line co-expressing an amyloid precursor protein and an alpha-secretase (ADAM 10). The enzymatic activity of ADAM 10 reduces the formation of amyloid beta-peptides, the major component of amyloid plaques that are found in brains of Alzheimer's disease (AD) patients. The alpha-secretase ADAM 10 is a target for treatment of AD. The scientists are looking for companies or institutes which are screening for novel compounds or working at the field of AD.	DE
<b>CHEMICAL INDUSTRY</b>			
7337	<b>Amperemeter connectable to capillary electrophoresis is commercial equipment</b>	A scientific team from the Autonomous University of Madrid has developed an amperemeter suitable to be fit in electrophoresis is commercial equipment. The obvious object of this utility model is to be part of an electrochemical (amperometric) detection device applicable to measures from capillary electrophoresis. This group is looking for manufacturers of electrophoresis equipment for license agreements.	ES
7250	<b>A Low Energy Method of Water Treatment</b>	A UK University has developed a Cavitation Inducer for use as a low energy method of water treatment. Cavitation destroys bacteria and other small organisms in water. The inventors are seeking licensees to develop and manufacture products based on the technology, especially manufacturers of water treatment devices to bring the technology to the marketplace.	UK
7473	<b>"Induction Flowmeters"</b>	"A Czech company, developer and manufacturer of flow meters, offers a technology of production of induction flow meters. The induction flow meters are designed for industrial measurement of conductive liquid flow in water and heat service, chemistry, food industry etc. Desired type of co-operation is a licence agreement with interested party. The offered induction flow meters are fully comparable with the one used in European Union and meets international standards."	CZ
7400	<b>Device &amp; tests for increasing the performance of natural regrowing oils used to lubricate earthmoving equipment</b>	This Basque R&D centre has coordinated a project that has developed testing procedures that can test the friction and wear properties of hydraulic and gears oils. These tests are useful for the development of biodegradable oils based on sunflower base. It is possible to select the best formula for sunflower oil lubricants for use in earthmoving equipment. They are looking for a licence agreement or technical co-operation with companies who wish to use environmentally friendly lubricants.	ES
7500	<b>Innovative Liquid Level Control Optical Sensor</b>	A Spanish University Research Group has developed an innovative Optical Liquid Level Sensor. It is based on LDR resistance variations due to different illumination conditions. The system can operate in critical environments. The research group is looking for companies for establishing license agreements and/or collaborative projects for the technology development and validation. The industrial profile sectors are: automotive, aerospace, energy sectors and in any area where tanks are utilised.	ES
7519	<b>Atmospheric pollution, Air quality, Poison gas detection by infrared spectro imaging stand-off device</b>	A small French company designed an apparatus of remote monitoring of the air quality based on a spectral analysis. It can be used to monitor sites (waste storage, chemical, sites related to the civil & military security). This product would cost 2 to 3 times less than these currently on the market. This company searches industrial partners who first would bring financial support & then would allow the partner, because of their activities, to have direct access to some of their markets."	FR
7254	<b>TGE - From manure/organic waste to quality carbon and fossil fuels in 40 minutes</b>	This process is a quick copy of the natural process of fossilisation. The process converts organic material into carbon, oil and gas. Raw material can be chicken manure or other manure, household waste and sludge. In nature it takes millions of years and the Dutch company that developed the process does it in approximately 40 minutes. Partners sought are producers and users of carbon, and producers, owners or distributors of manure and organic waste.	NL
7238	<b>A Novel Keyless Powerless Locking System</b>	A UK University has developed a keyless lock that provides a means of securing a cabinet in a public place. The locking mechanism is operated by an external electronic key held against the cabinet at a specific location. Most importantly the cabinet has no keyhole or power supply and provides no clue as to how it may be opened. The researcher is looking for a partner to commercialise this technology.	UK
7370	<b>Expertise in Home and Building Automation Systems</b>	An Italian SME is offering know-how and complementary expertise to support the development of customised systems for the automation of industrial and civil buildings. According to the requirements of the control system, several devices can be connected for the automatic control of the buildings. The company is looking for partners in industry who are involved in the design of automation and control systems, for technical cooperation or commercial agreement with technical assistance.	IT
7508	<b>Innovative studded and insulating sheets for demanding technical use in sound and heat insulation in building construction (civil engineering and foundation engineering, vehicle construction and mechanical engineering)</b>	An Austrian K&U has developed high-strength air or gas-filled studded sheets with long service lives and innovative insulation sheets. This makes it possible to use them in various demanding, high-tech applications. The specific system properties result in flexible, compact and reduced-weight constructions in combination with excellent process-ability. Partners who wish to take on the marketing and distribution activities required for marketing the innovative products described are desired.	AT
7348	<b>Quarter Wavelength In-Plane Sound Absorber Arrays</b>	A Swiss-based multinational company active in automotive noise control has developed in-plane arrays of tubes to absorb sound. Advantages over conventional porous material absorbers are the tuneable absorption characteristic, easy integration in stiff and lightweight panels, a wide range of operating temperatures and the possibility to make the panels transparent. The company is looking for licensees.	CH
7427	<b>New ceramic element for building walls and panels with acoustic and thermal insulation.</b>	A Spanish University has developed a new ceramic portable unit for the building and construction sectors. This material combines acoustic and thermal insulation in one unit. Inner wall construction is faster using this method of building. This institution is looking for companies and enterprises interested in the commercial exploitation of this element.	ES
7329	<b>GEOFIL BUBBLES- construction material from recycled glass waste</b>	A Hungarian invention for the production of construction material from otherwise deposited waste with high glass content. The produced granules have special feature of strongly adhering to gypsum and concrete matrixes and can serve for heat and sound insulation structures. Invention is in PCT phase. Technology is available at pilot plant scale. Financial and commercial co-operation partner for exploiting the potential of the invention is awaited.	HU
7268	<b>Engineering, modelling and design in fluid dynamics. A methodology for studying behaviour of fluids</b>	A Spanish research group is developing and applying a methodology to study, by means of numerical simulations, the behaviour of fluids when an obstacle is put into their flowing course. This methodology has its application in automotive industry, aeronautics, architecture, etc. The main advantage of it is their lower costs compared to wind tunnels tests due to the decrease of test models. The Institute is looking for information exchanges or further investigation	ES

Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
<b>ELECTRONICS, MICROELECTRONICS</b>			
7509	<b>New IC design technology reducing the size of dies on silicon wafers and assuring ESD (electrostatic discharge) protection</b>	A European subsidiary of a US company wants to license a new IC (Integrated Circuit) design technology to the electronics industry that allows to fit substantially more dies on the same silicon wafer space and assures effective ESD (electrostatic discharge) performance.	BE
7131	<b>Anti-Theft Device to Prevent Unauthorised Use of all Domestic and Electrical Equipment, Caravan, Articulated Trailers and Power Management Systems</b>	A small UK company has developed a security system that uses a unique electronic key containing a digital code to protect against theft and/or unauthorised use. The system can be easily incorporated into many different electrical/electronic appliances adding very little to their cost. The company is looking for a chip manufacturer or a company willing to buy the idea or licence the product from them.	UK
7144	<b>Simultaneous measurement with ultrasound transducer without interference between them and echo discrimination according to source</b>	A Spanish research group has developed an electronic system that allows several ultrasound transducers to emit broadcasts and receive them at the same time, and to be able to determine for each echo received, at every receiver, the emitter of origin. This group is looking for partners to carry out license or commercialization agreements, or a research group interested in this technology for their own research.	ES
7130	<b>Smart Capacitor: Alarm system indicating when an electronic capacitor must be changed</b>	A French technical centre offers innovative technology that predicts capacitor breakdown. A low-cost electronic module integrated on an electrolytic capacitor indicates the moment when it must be changed. This allows easy diagnosis of capacitor deterioration. Industrial manufacturers and users of electrolytic capacitors are aimed. According to the partnership found, further technical development is possible with the same application domains as the ones mentioned above.	FR
7159	<b>Radio Frequency identification (RFID) devices used as labelling systems</b>	A Spanish company has developed a new technology for Radio Frequency Identification (RFID). This technology has been applied as a labelling system, where electronic devices called transponders or tags are attached to the objects to be identified. These devices have a certain amount of non-volatile memory that can be read or written from an external element, by means of a radio link. Owners are looking for any kind of cooperation partners to exploit the market potential of this technology.	ES
7113	<b>CNC-PC2: CNC-PC2: A high speed controller dedicated to engraving machines or milling centers</b>	A French SME has developed an application programme which allows raised engraving of typographic letters. It can be easily integrated into a new machine or adapted to an existing one as part of a retrofit. Its PC environment makes it strikingly graphic and easy to use. The company is looking for joint venture, license and marketing partners.	FR
7172	<b>DELTA - Continuous, automatic and real-time patient's monitoring system of systemic pressure variations</b>	An Italian university research centre has developed a system (hardware + software) for calculating systemic pressure variations (SPV) in mechanically ventilated patients, that would require less time and produce less human errors compared to the manual method. The software consists of two modules: the data acquisition manager and the pressure waveform analyser. Collaboration sought: licensing agreement and technical co-operation with an industrial partner for commercial exploitation	IT
7206	<b>Developing new products using a 405nm violet laser - the next generation</b>	Violet lasers are being investigated for a range of applications that currently use red lasers, but harnessing their potential is difficult. A UK company - a world leader in optical data storage - has successfully recorded data with a violet laser to create the next generation of optical disks. They believe their unique expertise and manufacturing know-how can be applied in other areas and are looking for long-term relationships with established companies.	UK
7421	<b>PLEASURE YACHT SECURITY SYSTEM</b>	An Italian technical centre has developed a multi-functional system for the complete protection against intrusion, fire, smoke, run down batteries and leaks on pleasure yachts berthed in suitably equipped harbours. This system is ready to be put into production. This technical centre is looking for organisations interested in acquiring the know-how; they will be able to request an international patent in their own name, obtaining the intellectual source of the product.	IT
7344	<b>New process for improved ferroelectric non-volatile memories</b>	In the emerging market of ferroelectric memories, this innovation of a Swiss university laboratory relates to particular doped ferroelectric film capacitor structures for memory applications but also possibly for use in sensors, actuators, etc. The varying/ asymmetric doping profile substantially improves the properties of the ferroelectric material. Technical co-operation and license transfer for commercial use of the invention are sought.	CH
7480	<b>A multi-standard WLAN (Wide Local Area Network)- transceiver as a framework for evaluation of new ideas and concepts in electronic systems development</b>	Acreo, a research company that transfers research results into industrially viable products in electronics and optics, is responsible for the development of a multi-standard WLAN-transceiver demonstrator that should be used as a framework to evaluate new ideas and concepts for multi-mode, multi-band transceiver architectures, circuit solutions, signal processing for communications and on-chip interference issues. They are looking for partners for joint development and knowledge transfer.	SE
7442	<b>Revolutionary method for standard implementation of Public Key Cryptography / Encryption (PKC) for Mobile Commerce, Smart Cards and the applications which contain PKC component</b>	An Israeli SME has developed an innovative patent-pending mathematical algorithm that accelerates de-facto standard asymmetric algorithms (PKC) like RSA, Diffie-Hellman, DSA. The technology eliminates the need for additional hardware accelerators, saves time, energy, improves flexibility. It addresses Mobile Commerce, Smart Cards and security applications like VPN (Virtual Private Network) and e-commerce including PKC components. The company is looking for licensees and joint venture partners.	IL
7277	<b>Know-how and partnership for development (hard- and/or software) and production of electronic control units for gears, hydraulic driving units and fuel cells</b>	A small German technological enterprise with in-depth experience in development (hard- and/or software) and production of electronic control units for gears, hydraulic driving units and fuel cells, offers know-how and partnership for co-operative industrial developments. The company's controllers are used in automatic transmissions, planetary gears, infinitely variable change-speed gears and hydraulic driving units. Further application is in mobile or stationary use in the fuel cell sector.	DE
7245	<b>Know-how and partnership for development (hard- and/or software) and production of electronic control units for gears, hydraulic driving units and fuel cells</b>	A small German technological enterprise with in-depth experience in development (hard- and/or software) and production of electronic control units for gears, hydraulic driving units and fuel cells, offers know-how and partnership for co-operative industrial developments. The company's controllers are used in automatic transmissions, planetary gears, infinitely variable change-speed gears and hydraulic driving units. Further application is in mobile or stationary use in the fuel cell sector.	DE
7264	<b>New generation solar panels</b>	An Italian SME has developed alveolar polycarbonate/stainless steel solar panels that can be used to set up low cost thermal solar panels & cooled cells photovoltaic panels with heat recuperation for large buildings. The simple assembly system allows low-skilled workers to assemble units out of single spare parts at the place of installation. It reduces transport fees, thus making solar technology more competitive. Collaboration sought from the energy sector for joint-venture agreements.	IT
7493	<b>Vegetable flours used as a new, clean and competitive source of energy</b>	A French inventor has developed a new use for vegetable flours as a source of energy. Hydrocarbon products rich in starch, cellulose, lactose, like wheat, corn, rice, and soy can be used as substitution fuels in pure form and in blends with traditional fuels and combustibles. Internal combustion engines manufacturers (Otto, Diesel, Turbo-jet) and boilers, furnace and industrial ovens manufacturers are sought for licensing agreements.	FR
<b>ENERGY</b>			
7148	<b>New design combustion head based on an entirely moving walking grate unit for solid fuel combustion</b>	A Finnish company is looking for co-operation based on license agreement. The technology they have developed for solid "fuel combustion is a new design combustion head that is based on an entirely moving walking grate unit."	FI
7135	<b>TGE - Integrated reporting technique to implement innovative energy supply concepts for urban projects</b>	A German SME has developed an integrated reporting technique to work out innovative energy concepts for urban projects. The environmental impact and economical properties of conventional and renewable energy supply concepts could be judged. A feasibility management allows the implementation of the concept considering the prevailing legal and competitive conditions. The company is looking for partners (architects) to apply this product on the European market for urban projects	DE



Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7197	<b>Water turbine utilizing the energy in ocean currents and river streams</b>	A Norwegian company has developed a new type of turbine for extracting the energy in flowing water. The turbine is equipped with vertical wings connected to a vertical axis. The pitching of the wings is automatic, and governed by a unique patented system. Intended use is in rivers or where ocean current, tidal currents are available, for production of electricity or to pump water. The company wants an industrial partner interested in acquiring the technology to bring it to the market.	NO
<b>ENVIRONMENT</b>			
7223	<b>Gas-detection method based on infrared absorption using solid-state Fabry-Perot filters</b>	A Spanish Research Group has developed an innovative gas-detection methodology based on infrared absorption by using Fabry-Perot filters. The present method of detection makes it possible to maintain the advantages of simple Non-Dispersive Infrared methods but achieves good selectivity in detection and a good signal to noise relation, thanks to the use of optical solid-state filters highly specific for each gas. The Research Group is looking for licence or manufacturing agreements.	ES
7109	<b>Environmentally friendly, mechanically driven alternative electric power generator system producing an unlimited amount of electric power</b>	A Canarian inventor has developed an environmentally friendly, mechanically driven alternative electric power generator system producing an unlimited amount of electric power. The inventor would like to get in touch with companies interested in investing in novel, environmentally friendly alternative energy and of great production or financial groups interested in environmentally friendly alternative energy of great production, to acquire the patent rights.	ES
7219	<b>Microwave system for the restoration of works of art from infesting biological forms such as woodworm</b>	An Italian SME has produced a new system for the restoration and regeneration of works of art made up of wood as well as paper, carpets etc. that are infested by biological forms such as woodworm (the larval stage of a beetle). The microwave disinfecting method makes use of the electromagnetic energy heat to heat up the infesting microorganisms to over their lethal temperature. A patent has been claimed and now they are looking partners for a licensing agreement.	IT
7138	<b>Fireproof Building Block for use in the Construction industry</b>	An UK inventor has developed a building block for the construction industry, which is designed to withstand high temperatures for prolonged periods. The material has been standardised and is used with a specially designed mortar, render, and plasterboard to complete a system that will contain fires in excess of 10000C. The inventor is looking for a manufacturing agreement, ideally a manufacturer of construction materials with the capability to take this new technology to market.	UK
7520	<b>A stabilisation system for unmanned helicopters enables their operation by novice users.</b>	An Israeli SME has developed a stabilisation system for unmanned helicopters. The unique technology enables the auto stabilised helicopters to perform fully autonomous take off, stabilisation and soft landing, to be operated by novice users. The variety of applications includes precision agriculture, surveillance for media, security, law enforcement, environmental hazards and inspection of electric lines. A strategic partner for implementation and marketing is sought.	IL
7522	<b>System for the management of risks and monitoring of floods and fires GEREMIA</b>	The system developed by an Italian Research Institute is a software platform integrating a Geographical Information System (GIS) application, developed for providing a valid consulting and operational support tool for the management of "civil protection plans", the overriding aim being the safeguard of the environment, of goods and people from the effects of natural calamities. Commercial and license agreements are sought.	IT
7284	<b>Reclamation of soils polluted by organic compounds</b>	An Italian SME developed a process for the treatment of soils contaminated by organic compounds, using eco-friendly solvents. The main advantages are: the lower impact of the solvents (in comparison with the normal thermal treatments) on the environment, the fact that it is possible to achieve an excellent reclamation efficiency level. The process is effective for a large array of organic pollutants in a broad spectrum of concentrations with applications in chemical, pharmaceutical industry.	IT
7242	<b>Real-time automatic dust concentration meter &amp; monitor</b>	A Romanian research company has developed a real-time automatic dust concentration meter & monitor for free atmosphere and indoor working spaces, based on optic and gravimetric technology. The company is looking for a partner interested in further development of the technology and production of the new instrument.	RO
7298	<b>"AIR-A Respirometer: new device to analyse the compost's respirometric index"</b>	An Italian university has developed a new Respirometer for the compost process control which enables the assessment of the oxygen uptake rate in wet material to establish its maturity, controlling the biological process and the degree of stabilisation. It optimises treatment plant management, minimises aeration costs and fulfils compost stabilisation regulation. It is available for demonstration to firms directly involved in biological treatment and manufacturer of environmental devices.	IT
<b>FISHERIES, RESOURCES OF THE SEA</b>			
7373	<b>Bioscanner Pipeline Fish Counter for Aquaculture</b>	A leading Icelandic company specialising in the development of fishing equipment, sensing equipment for aquaculture and fish counters is searching for collaborators in manufacturing, distributing and those involved in aquaculture. The company has among its product developed a Pipeline Counter (PLC) for gathering information on number of counting and grading fish when being transported. Infrared beams are used	IS
7149	<b>Sorting grid to separate small fish from fishing gear</b>	Icelandic company that designs sorting grids for fishing vessels is looking for partners for further testing and development of a sorting grid to separate small fish from fishing gear (bottom trawl, pelagic trawl and other types) to minimize the catch of small fish. The equipment will be designed for use on both trawlers and inshore boats. The grid separates small fish from the fishing gear in the sea and minimises death and damage to the fish releasing it undamaged and unfatigued to sea.	IE
7368	<b>"Scanner for counting fish fry weighing 0.2g and up to 200g with digital camera"</b>	The company is from Iceland and specialises in the development, manufacture and marketing of fishing gear and control equipment, sensing equipment for aquaculture and automatic fish counters for use in rivers and lakes. It has developed a bioscanner for counting small fish, 0.2g-200g, where the fish is in water at all times. The company is looking for distributors, manufacturers and fish farmers for collaboration	IS
7359	<b>High Quality Fish Food for Abalone</b>	An Icelandic feed mill company strives to maintain its position as a first-class producer of fish food for aquaculture. There is a strong emphasis on product development that has resulted in significant product improvements as well as development of new varieties of food. The company has developed an exceptional type of food for abalone and is searching for collaborators in promoting this food in Europe, through a commercial agreement with technical assistance or manufacturing agreement.	IS
7221	<b>Biodegradable nets and net bags offering highest strength due to innovative weaving process (Double-Twist Technology)</b>	An Austrian SME in the packaging sector has developed a new environmentally friendly weaving process for the production of netting textiles with a high tensile strength and considerably less expenditure of material. Presently the process is used for the production of packaging nets. Partners from the textile and packaging industry are being sought for the development of further applications and to exploit the existing know-how (License agreements)	AT
7367	<b>Biomass counter for counting and weighing fish in aquaculture</b>	An Icelandic leading hi-tech enterprise in the development, manufacture and marketing of equipment for fishing, fish farming and the environmental market, is interested in making their technology available. The company has developed a biomass counter for effectively weighing and counting fish in aquaculture, using infra red light beams. It is searching for collaboration with manufacturers and distributors of fishing equipment as well as with fish farmers.	IS
7369	<b>"The RiverWatcher, a system for measuring the movement pattern of fish in rivers"</b>	An Icelandic company that has been serving the fish farming industry with equipment for counting and estimating the weight of fish since 1986, has adapted its products to new areas. The fish counter for use in fish ladders is one of its innovations. The system can count and estimate the weight of each fish, and a software system analyses the data. The company would like to make this technology available in Europe through a commercial agreement with technical assistance"	IS

**Πληροφορίες**

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Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7347	<b>"Production of biological active compounds with marine sponges"</b>	A Dutch university offers production of biological active compounds in controlled aquacultures as well as for sponge cells in bioreactors. Interesting new compounds and classes of compounds have been isolated from marine sponges. Therefore they are looking for partners active in this field for different forms of collaboration.	NL
7246	<b>Innovative gliding protection for fishing trawler fishnet panels</b>	Trawler fishnet panels are vertical pieces of metal fixed to the trawler net in order to help this net to stay open and slide on the seabed. A French company has created a new type of gliding protection for the underside of trawler fishnet panels. These protections are simple, robust and easy to replace while at sea, without need for special tools or welding. The panels include a set of pads, which lengthens the life span of the part. The firm is looking for license and commercial agreements.	FR
7282	<b>New Numerical Modelling Software to measure the impact of effluents on Marine Environment</b>	The aim of this Numerical Modelling Software developed by a French company is to forecast effluent constituents concentration near aquaculture farms or any industrial system. For this, the company uses numerical modelling software constrained by measurements. The company would like to develop co-operation or subcontracting partnerships. The partners sought could be the end users or a technical center specialised in environment.	FR
<b>FOOD-AGRO INDUSTRY</b>			
7243	<b>Unique Self-Priming Pump For A Wide Range Of Fluids Including Solvents, Anti-Freeze And Chemicals Through To Heavy Gear Oils And Additives And Edible Oils</b>	A UK SME has developed a unique self-priming 25 litres per minute pump for rapid prime up to 97% delivery per stroke, on fluids ranging from anti-freeze, cutting oils and lubricants to nut oils. The manufacturer is interested in supplying the machines and know-how to produce the pump or the pump components for assembly. They are also interested in an automatic version using an air actuated movement motor for industrial and flammable fluid applications. See TR/E/2.	UK
7106	<b>Natural (non-sterol based) way to produce cholesterol lowering food</b>	A Finnish company has developed a patented production method for cholesterol lowering food. The effect of the method is proved by clinical tests. This has provided lower LDL- and total cholesterol, less calories and lower salt content in final food products with existing production methods and raw materials.	FI
7269	<b>Sales Star - Interactive sales promotion system that is remotely programmable</b>	Israeli SME developed a system that allows implementation at point of sale of direct communication between products & consumers through audio visual & tactile senses fostering new shopping experience. It gives price & product information displays, interactive magnetic & optical card readers all fully remotely programmable using RF wireless data transmission technology. It is targeted at in-store, shopping malls, trade-shows & shopping sites where wireless, interactive promotion activities.	IL
7453	<b>Hard-foil packaging system with protective gas</b>	A Hungarian SME with activities in the packaging sector has invented a new packaging procedure which enables small and middle size companies to come out into the market with aesthetic-looking product at a competitive price. The company designs and manufactures using special moulding and welding devices hard-covered plastic boxes giving stand-alone image for the companies and products. Investors and partners for joint venture agreement are being sought.	HU
7336	<b>Membrane technology for separation, concentration and regeneration processes in the agrofood industry.</b>	A Polish SME has developed a membrane technology that can be used for many processes in the agrofood industry, such as separation, concentration, regeneration or water purification (reverse osmosis method). Advantages over currently used methods include high precision of the process, high quality of its products, low energy need and low exploitation and conservation costs of installation. The company is looking for industrial partners interested in development and in testing new applications.	PL
7342	<b>TGE- Reactor for decentralized production units for fatty acid methyl esters (biodiesel) from vegetable oil, animal fats and used cooking oil</b>	A German company developed a single reactor to produce biodiesel from oils and fats in small quantities, i.e. up to 600 t per year. Farmers or other large-scale consumers of diesel can use oil plants of the region, press their own oil and transesterificate the oil by themselves. The remains of plants can be used as animal feed. Used cooking oils can be treated the same way. The company is looking for international cooperation, esp. joint (demonstration) projects and licensing.	DE
<b>INDUSTRIAL MANUFACTURE</b>			
7374	<b>EURO-COIN-BOX for quick and simple handling of all eight EURO-coins</b>	An Austrian consortium has developed a box for improved handling of the increasing amount of coins in daily business after the change over to the EURO. The box made of plastic is equipped with several channels exactly adjusted to the size of the Euro coins. Advantages include exact cash payment and support for elderly or handicapped persons. The company searches for partners in production and marketing to work the huge potential market of approx. 300 Million people!	AT
7193	<b>Die-casting machines and moulds for metal alloys for use in industry</b>	An East-Slovakian mechanical engineering company specialised in the field of mechanical engineering has developed and manufactured a machine that is used for the die-casting of aluminium, magnesium, zinc, copper, lead and tin alloy components. Machines are used in serial and mass production, car industry, aircraft industry, electrical engineering, optical industry and other branches of engineering production. The company seeks partners from industry for further technical co-operation.	SK
7143	<b>UNIVERSAL ELASTIC ROAD BARRIER ATTENUATING COLLISIONS</b>	A Polish company has developed a universal safe elastic road barrier that attenuates loads on collision, irrespectively of the force of the impact. A key element of the construction is an attenuator. The elastic performance of the attenuator reduces the resistance of the barrier in the first phase of the collisions when the guide bar is deformed. Partners are sought for further testing as well as implementation of the production and exploitation.	PL
7137	<b>Dimensional control of manufactured pieces by an artificial vision process</b>	A Spanish research group has developed a technology, based on artificial vision techniques, that consists of the total dimensional control of manufactured pieces. Dimensional control of manufactured pieces can be achieved with this procedure in real time. High accuracy with low cost can also be obtained by means of this technique. The results are better than human inspection results. This group is looking for industrial partners for licensing and/or commercial agreements.	ES
7112	<b>In-motion weighing system for train and motor-truck lines</b>	A Hungarian industrial SME has developed a high-accuracy (OIML III. and R106) in-motion weighing system for train and motor-truck lines. The new system can be adjusted to any type of existing static weighing machine, resulting in a quicker, cheaper weighing process. Working references are available in Hungary. Co-operation partner for penetrating European market is awaited.	HU
7438	<b>Electrical Drive System for Mobile Cranes</b>	A blue-chip Austrian company is developing an electrical drive system for mobile cranes (predominantly Permanent Synchron motors) to achieve a high dynamic dimensional performance for mobile crane and lifting technologies without the need for sensors. A major advantage of the drive system concept is the possibility to control the exact rotor position of the telescope motor and the position of the crane arm. Searching for development partners and licensees in the engineering sectors.	AT
7465	<b>Thin electrical resistors for realisation of ultra-flat heat emitters without need of thermal insulation</b>	A French SME developed a new environmentally friendly and energy-saving technology for manufacturing ultra-flat one side heat emitters. Coating under vacuum thin Ni-Cr layer together with 2 Cu tracks on isolating substrates (for example glass) and connecting the Cu tracks to the electrical network results in a one-side high-quality heat emitter without need of thermal insulation. The company is looking for industrial partners interested in further development and new applications.	FR
7276	<b>AutoLouvre High Speed Vertical Blind Production Machine</b>	A UK technology centre has developed the AutoLouvre machine, which is a high speed automatic vertical blind production machine, producing up to 12000 louvres per hour. The machine was specifically designed for the blinds industry and utilises novel mechanisms to produce fabric louvres used in the manufacture of vertical window blinds. The company is looking for an industrial partner for either a joint venture agreement or a commercial agreement with technical assistance.	UK



Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7389	<b>New imaging system for inspection of thermally loaded environments such as boilers, furnaces and combustion chambers on-line</b>	A Swiss company has developed a high-temperature imaging system for on-line inspecting, viewing and monitoring of hot and hostile environments up to 1300°C / 1600°C under live conditions. Compared to conventional inspection methods, this system reduces inspection times to less than 2 hours per event while achieving higher availability and lower unit operating costs. The company is looking for power producers and maintenance companies for licensing, commercial or joint venture agreements.	CH
7435	<b>ivyFrame: A Tool for Process Innovation Modelling, Simulating and Monitoring</b>	ivyFrame is a software tool developed by a Swiss company, that supports process innovation from modelling/simulating up to workflow monitoring. It has been implemented in Java, hence is platform-independent. For Intra-/Internet publishing, applets may be automatically generated from models that can be animated and simulated in an Internet browser. The tool can be integrated as a front end into the user's workflow or e-business system. ivyFrame also enables very elegant embedding of JavaBeans.	CH
7244	<b>Innovative poly-sensorial 3D decoration technology</b>	A French SME named High Tech Design, owner of Imeris trademark, has developed an exclusive know-how in 3D decoration based on transfer technologies by dipping. This technology, already used in the industry and the automotive sectors, is very flexible and allows to rapidly transform an idea of customisation on a piece of paper into exclusive decors on the surface of a real object. High-tech Design is looking for a partner who will allow a wide spreading of this technology throughout Europe.	FR
7424	<b>"Bilenticular plastic"</b>	An Italian SME developed a special kind of lenticular plastic which is one of the latest breakthroughs in this field: in fact, it is double sided lenticular, which enables further applications in the fields of packaging, merchandising and advertising as well as editing. Main advantage is the possibility to print directly on this plastic as a normal paper sheet. The company is looking for partners for manufacturing and marketing agreements.	IT
7436	<b>Innovative friction welding system - action at room temperature</b>	An Israeli company developed a new friction welding system operating at room temperature, that does not require any special conditions, to join metals of 1 mm thickness and more. The newly obtained weld does not reveal any heat-affected zone. The technology performs butt and lapped welding, may replace mechanical connections, riveting, brazing, etc. The company is interested in cooperating with a company already active in the metal working sector.	IL
7364	<b>"Electromechanical Marking Technology usable on a wide range of support materials"</b>	An Italian SME offers an electromechanical marking technology enable to write alphanumeric strings, codes, company logos and special drawings on a great range of metal and plastic components. The equipment is based on an easy-to-use software interface and plug-and-play system solutions that lead to problem-solving turnkey systems with great advantages for production identifying purposes in the context of a global quality system. Potential partners are any kind of company using engraving systems.	IT
7486	<b>WYBUNIT - Innovative patented building system</b>	A Belgian company proposes a revolutionary, universal, patented steel sheet structure fitting all services in an innovative way. It allows building faster, at lower cost with possibility to dismantle and recycle all building components. Flexible, easy to mix different functions in one and the same building, the technology has a potential world market promising High return on low investment. The company looks for commercial agreement with technical assistance.	BE
7304	<b>"Production of organic ophthalmic lenses and photo-chromic organic coloured sun lenses in various indexes"</b>	Italian manufacturing company complying with ISO 9001 and ISO 14001 standards has developed a very simple and cheap know-how to produce: organic ophthalmic lenses in 1.5, 1.6 and 1.66 index- organic photochromic coloured ophthalmic lenses in 1.52, 1.6 and 1.66 index- organic photochromic coloured plane lenses (index 1.52 and 1.6) - organic medical lenses (index 1.52, 1.6 and 1.66)SMEs from the optic industry are being sought for transfer of know-how.	IT
7474	<b>"Permanent magnets, plastic magnets, magnetic systems forelectro technical, Medical, household devices, advertisement production, souvenirs and means of visual learning."</b>	A Latvian SME has developed a new elastic permanent magnets technology. The technology is based on synthetic rubber and BaFe. The technology can be used for production of various types of elastic magnets. The company is looking for industrial partners for further research and development support and manufacturing agreement. A great preference of the technology is an ecologically clean production with wasteless cycle.	LV
7279	<b>FLUID-ASSISTED FUEL INJECTION SYSTEM FOR SPARK IGNITION ENGINES</b>	The Fluid-Assisted Fuel Injection system, FAFI, developed by a Romanian inventor working in Italy, achieves a stratification of the air fuel mixture using an injector that delivers the fuel directly in the combustion chamber. Being pneumatic the injector doesn't require the preparation of the air with a compressor. The pulverisation of the fuel is done thanks to a two-stage process. The inventor is looking for further support in research or industries willing to use the technology proposed.	IT
<b>INDUSTRY</b>			
7467	<b>Multiple Output DC/DC Power Converters for applications where a very fixed voltage in all outputs is needed</b>	A Spanish Research Group has developed a new family of multiple output DC/DC converters. They are a good solution in those cases where a very fixed voltage in all outputs is needed. The research group is looking for companies interesting in licensing the technology. The inventors would collaborate in additional research and in the validation requirements. More interesting industrial sectors are: car industry, aeronautics, aerospace, telecommunications, computers, DC/DC converters manufacturers.	ES
7160	<b>Electronic system for improvement of liquid and powder packaging/bottling control</b>	Today, one of the largest problems in the filling production is to control all the production line. Checking the gauge is a major aspect with regard to the legal constraints (e.g. alcohol regulations, etc.)A French SME has developed new low-cost equipment based on an acoustic high technology, to control the liquid and powder packaging/bottling in real time. Partners sought are manufacturers either of equipment intended for the bottling industry, or of all kinds of liquid or powder products.	FR
7169	<b>REDECA - Energy saving technology for lighting installations</b>	A Galician company working in electric energy offers a new Energy Saving Technology, an electromechanical power reducer for external illumination. This system allows considerable power saving at certain hours of the day. Their essential function is to set and to stabilise the amount of voltage supplied to the lamps. It is possible to reach saving rates	ES
7178	<b>New electronic system for the soft start-up and high efficient control of discharge lamps</b>	A Spanish University has developed a new technology for the soft start-up and high efficient control of discharge lamps, which is very important in order to save money in maintenance of these electrical devices. This institution is searching for companies related with the manufacture and control of discharge lamps, interested about the commercial exploitation of this technology.	ES
7472	<b>"Management software for business agents without stock."</b>	A Spanish company has (in collaboration with the Official Professional Association of Business Agents) developed management software for business agents without stock. The Spanish Coordinator of Business Agents in the Furniture Sector recommends this software. This software specialises in the integral management of the business agent without his own warehouse, managing articles, customers, manufacturers, subagents, etc. as well as financial aspects. It is looking for partners outside of Spain.	ES
7497	<b>Stainless steels reinforced with intermetallic compounds for use in matrixes</b>	A Spanish Research Group has developed an innovative family of composite materials. These materials combine excellent properties against corrosion and wear. They become very useful for structural applications. The research group is interested in establishing license agreements and/or collaborative projects for technology development and validation. The companies targeted could be manufacturers of materials, components or structures for the aerospace and automotive sectors.	ES

Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7501	<b>Integrated business and cash account management software</b>	A Spanish company has developed advanced management software to control and manage all the business processes of the SMEs. This software specialises in integral management and cash accounts, being very useful in decision-making and reduction of structure costs. It is looking for partners for business and/or license agreements.	ES
7365	<b>"High-Speed Steam Generator for high-pressure superheated steam"</b>	A patented high-speed steam generator for high-pressure superheated steam is primarily intended to be used for mobile applications because of its compact construction and short warm-up time. The patentee is looking for industrial partners interested in further development and in research institutes and companies for testing of new applications. The German inventor participates in the pilot project "Erfinderwerkstatt" which is promoted by the German Federal Ministry of Education and Research.	DE
7253	<b>R &amp; D and Design Partnership for complex electronic circuits: SoC (System on Chip), ASIC (Application Specific Integrated Circuit), FPGA (Field Programmable Gate Array)</b>	An Italian company has competence in the field of complex electronics systems (SoC (System on Chip), ASIC (Application Specific Integrated Circuit), FPGA (Field Programmable Gate Array)). Their areas of excellence are telecom, multimedia, automotive. They have developed a platform-based designing method able to shorten design cycle and risks.	IT
<b>INFORMATION TECHNOLOGY</b>			
7350	<b>Offering &amp; Procurement Solution Software for use in e-business</b>	The Offering & Procurement Solution Software was developed by a Swiss company as offer-system software for applications intended for use in e-business. It automates the relationship between both consumers and companies (C2B), and companies among themselves, and as a result makes it easier. The company is looking for technical co-operation for vertical customer development, joint venture agreement for B2B and C2B Solution Portals and license distribution to resellers or clients.	CH
7192	<b>WEB APPLICATION SERVER BASED ON XML TECHNOLOGY</b>	A Greek software company has developed XEOS, a pure XML Web application server, based on the most advanced technologies available. Its open and flexible architecture exploits the full power of XML technology by the introduction of sophisticated content management techniques. On the other hand mature data management modules and the use of XSQL make the data manipulation process through XML an easy task. The company is looking for joint venture, licensing and marketing agreements.	GR
7214	<b>Digital tachometer: a new use of the mobile telephone technique</b>	A Spanish research group has developed a technology consisting of detecting the position of a vehicle and its speed of displacement by using the mobile telephone technique. The technology permits the user to follow a driver's compartment while driving. This could be of use to insurance companies. This group looks for industrial partners, related to transport and/or insurance sectors, for license or commercial agreements.	ES
7179	<b>Industrial systems connection using mobile telephone</b>	Spanish research group has developed an electronic circuit with digital & analog inputs & outputs that is used as an interface between an industrial & a transmission system of data by mobile telephone technique. The system has two operating modes, configuration mode & supervision mode. This technique can be applied to different processes: in an elevators machinery control, demotic, operation supervision of engines, alarm, etc. They look for industrial partner for licence or commercial agreements	ES
7177	<b>Remote control camera system using mobile telephones</b>	A Spanish research group has studied a system of remote image processing through a data connection based on mobile telephones. The system can carry out two different operation modes, image capture and transmit by mobile telephone and image capture and analysis. This group looks for industrial partner for licence or commercial agreements.	ES
7132	<b>Sleepy Beeper for helping to keep drivers alert through using artificial vision techniques</b>	A Spanish research group has developed a technology that can detect when a person falls asleep while he is driving. The user's head is been continually recorded at real time in order to obtain the behaviour linked to sleepiness. The system alerts the driver when he dozes off. This system can be used by all drivers. This group is looking for industrial partners for license and/or commercial agreements.	ES
7111	<b>Customised Software Development using Object Oriented Application Framework</b>	A German company uses a standards-based object-oriented framework built on component technology to provide a customized solution that truly meets strategic vision in less time than it takes to implement an off-the-shelf hard-coded product. The pre-tested building blocks can be quickly assembled into unique solutions. Components can be added and modified without putting the rest of the system at risk.	DE
7383	<b>TRaDe-Topological Race Detection: automatic detection tool of data conflicts in Java programs</b>	A Flemish university developed an automated tool for data race detection in multi-threaded Java programs. Data races are programming errors that can cause data structures to be destroyed. TRaDe spots these errors automatically during program execution and can handle highly multi-threaded programs with acceptable memory requirements. The university seeks to license TRaDe to parties wanting to implement it in a debugger product and to research organisations wanting to build on their expertise.	BE
7426	<b>Behaviour based solutions to produce spectacular, game-quality, interactive 3D applications for e marketing, e learning and game creation.</b>	This French enterprise provides the software tools and servers that one needs to develop and deploy interactive, game-quality applications for e-learning, e-marketing and traditional games. It is looking for industrial partners using and reselling their technology for the development of highly interactive application in industrial, communication or educational sectors.	FR
7433	<b>Flexible Speech Recognition Tool for Developers</b>	A small German company offers speech recognition technology for Windows 32-Bit and Linux System with tools for speech recognition integration. The main focuses of the speech recognition technology are command-and-control applications, language learning, dialogue systems and other scientific tasks such as speech synthesis. They are open to any kind of transnational cooperation.	DE
7518	<b>QlikView for Applications - an associative point-and-click user-interface for embedding</b>	For companies having a product that contains any type of database, who are looking for a user-friendly interface for interactive analysis and presentation of this data, a Swedish company can offer a patented technology that creates endless possibilities of making ad hoc queries. In contrast to other data analysis tools their associative database technology can work directly from a present database without any intermediate tables and without requiring tediously defined structures and hierarchies.	SE
7326	<b>Integration platform for the communication of heterogeneous information systems</b>	A Greek software and services company has developed an integration platform which allows the connection of heterogeneous information systems, resource sharing and services provision. The platform can be applied to all software applications and information systems independently of their operating databases and their application servers. The company is interested in concluding commercial agreements with software/consulting companies providing them also with the necessary technical assistance.	GR
7434	<b>ivyGrid: visual, process-based software to build (Web) applications and (Web) portals</b>	ivyGrid is the process way to build (Web) applications, (Web) portals and (Web) workflow. The ivyGrid contains a process module connecting a usual Web server, databases and other external modules to a complete (Web) application. ivyGrid is based on the ivyframe technology of the Swiss company ivyTeam (patents pending). The program logic of an application is defined by a graphical process model. ivyGrid can be used as Prototyping and Runtime Tool.	CH
7429	<b>Bi-lingual no-click dictionary technology for immediate word translation upon mouse pointing</b>	A Hungarian private SME has invented a language-independent dictionary technology, which reads text directly from the screen. The user does not have to switch between programs or languages, just point at the desired word with the mouse-pointer - the formatted translation appears in a tool-tip-like bubble over the word. The application analyses the word morphologically and semantically, so any word form and character can be recognized. Commercial and license cooperation partner is awaited.	HU
7235	<b>Improved transmission speed of high-resolution image files across the Internet</b>	A Scottish company has developed a client-server solution that enables fast and secure transmission of data packages across the Internet or local area networks. In its present form the software interface is designed for medical use where a second opinion is sought. Partners sought include SMEs involved in digital image transmission and storage, hospitals and research centres using digital imaging, and other industrial and institutional applications to fully exploit this system.	UK





Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7455	<b>New kind of very thin projection screen for high quality moving coloured images</b>	A Polish inventor has developed a new kind of projection screen for high quality moving coloured images. The screen is very thin and based on simple technology. This invention does not use a picture tube. The quality is better than already existing HDTV sets. The inventor is looking for industrial partners interested in further development and practical advantages.	PL
7521	<b>Multi Satellite Antenna CYBERTENNA for receiving signals from several satellites while separating them</b>	Multi-communication is a word that has become more important due to the increased number of satellites. Basically this means increased need for several antennas (or traditional parabolic antennas) for separating and receiving several different signals (TV, Internet access and corporate networking via satellites), which is expensive and requires a lot of space (and is esthetically unattractive). This is the reason why Telewide AB has developed a unique multi-satellite antenna named Cybertenna.	SE
7403	<b>Paper Document Security - INFOMARK</b>	The Slovak Company has developed a system for paper document security named INFOMARK. This system enables authenticity of the document and resistance against damage, in contrast to the best OCR systems (max. 99%). Applications are directed at market with classical solution of security of documents and the boundary of Internet and the paper environment. They are looking for a joint venture, licence or commercial agreement.	SK
7237	<b>Irish Company with Hard Line Retail Management Software System seeks Joint Venture with Point of Sale (POS) Hardware Company</b>	Irish company, with software designed to specifically meet the ever changing needs of general merchandise retailers (excluding food and fashion), is looking for a joint venture with a complementary Point of Sale (POS) Hardware vendor. The software is Windows based, written in C++ and is a client server implementation. It can handle multi branch management with inventory control, has a fully integrated back office suite and has full EPOS (Electronic Point of Sale) capability.	IE
7283	<b>Centralized distributed information management system</b>	A Polish SME has developed a new software tool a centralized distributed information management system. The system allows for integrated management of information coming from different sources such as e-mail, disk files in various formats, data from local and distributed databases. It is possible to join data, create automatic actions connected with data change, etc. The company is looking for partners interested in further development and joint venture partners.	PL
7341	<b>New generation of parking fee collections system - Ebilet</b>	EBilet system developed by a Polish company provides a comprehensive solution to the parking fee collection. It covers the whole chain of the public parking process involving the driver, the inspector, the local authority and fee collection agent. The card has the size of a credit card. It is equipped with display and 4 push keys allowing the driver to select the city and parking zone he wishes to park. EBilet contact less smart card operates as in-vehicle parking meters.	PL
7294	<b>E-library, the new software tool for scientific publications based on advanced search methods</b>	A small Polish Company has developed a new software userfriendly tool database of scientific publications offering on-line purchase of scientific papers and a locally operating bibliographic programme connected to the database. The company is looking for partners interested in further development and companies for the testing of new applications as well as joint venture partners.	PL
7305	<b>"PedGo - Software to analyse and optimise evacuation concepts for buildings and ships"</b>	Young German university spin-off offers a software to analyse and optimise evacuation concepts for buildings and ships. High speed simulations can be carried out even on standard PCs. As a result practical evacuation tests are not necessary anymore. The company seeks licensees and sales partners.	DE
7307	<b>"TELESEND - Teletext Encrypted Digital Data Broadcasting System"</b>	A small Polish company has developed a broadcasting system of encrypted digital data based on teletext technology - TELESEND. The system allows data (PC files of any format) to reach all entitled receivers at the same time only by one modem transmission. The main advantages are high velocity of data transmission, large capacity of data block, low cost of data dissemination to numerous (to about 10exp24) receivers. The company is looking for licensees and joint venture partners.	PL
7280	<b>Scanner The Asset Management Software</b>	Scanner is a software developed by an Italian company, that supplies information on all kinds of software and hardware components of a computer network. The aim of the software is a perfect knowledge of the computer network including full particulars. The company is looking for a partner to commercialise this technology.	IT
7353	<b>New technology to network any kind of devices with the Internet</b>	A Swiss company offers technology to network any kind of devices ranging from vending machines, electricity/gas meters, automation devices such as PLCs, home appliances or HVAC controllers easily with the Internet. Secured access. Easy configuration. No development activities needed for Internet-enabled devices. Not yet Internet-enabled devices require little development effort to bridge existing protocols to Internet standards. The technology allows very low connection and communication cost.	CH
7428	<b>SPAT Software for Real Time 3D Audio</b>	The French research institute for musical acoustics (IRCAM) has developed the software "Spat", it's a unique complete real-time application for sound spatialisation. The software can be used in concerts, sound reinforcement and architectural acoustics, etc. The company is looking for a licensing agreement with a software publisher.	FR
7457	<b>AtoMIC Pro - (32 channel analog to MIDI converter)</b>	A French research institute in musical acoustic (IRCAM) has developed a sensor to MIDI interface designed to simplify the design of new gestural controllers or interactive sound installations using sensors. The company is looking for a licensing agreement with a software publisher.	FR
<b>MATERIALS TECHNOLOGY</b>			
7466	<b>Nanocomposite film obtained by pulsed micro plasma cluster source without change in its chemical composition</b>	An Italian research institute developed a novel pulsed micro plasma cluster source capable to produce intense cluster beams of refractory materials. This technique allows to control the properties of materials without changing their chemical composition. The fields of application of nanostructured coatings are potentially very wide, including tribology (hardness, wear resistance), microelectronics, gas sensing, energy production and storage (supercapacitors, fuel cells, electronic devices, etc).	IT
7108	<b>Light control panel by displacement between its elements</b>	A Spanish University has developed a new panel for light control based on the movement between its elements. This panel has as main applications the construction and building industries, having as innovative aspect to regulate the light through this panel with only two elements instead of using more complex structure. This institution is searching for companies interested about the commercial application of this panel.	ES
7287	<b>Equipment to measure water vapour permeability and real-time moisture content of materials</b>	A UK university has developed a water vapour permeability tester, which is designed to determine the water vapour permeability and real-time moisture content of a range of materials. Advantages over existing equipment are that it is simple to use to collect comprehensive data and it provides adjustable environmental conditions. This equipment is currently subject to a patent application. The university is looking for potential licensee(s) in the paper and/or the textile industry.	UK
<b>MESUREMENT METHODS</b>			
7423	<b>"AUTOMATIC VOLUMETRICAL AND MEASUREMENT CONTROL SYSTEM FOR PIPES (MEDIUM AND HIGH DANGER LEVEL)"</b>	An Italian technical centre has developed an automatic volumetrical and measurement system controlling the pipes used for dangerous, flammable and/or explosive material (gaseous or liquid). This system can be applied on any kind of risky pipe (civilian or industrial, new or already existing) carrying liquid or gaseous fuel. This technical centre is looking for companies interested in licensing agreement.	IT

**Πληροφορίες**

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Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7195	<b>A novel non-invasive device to accurately detect and monitor refrigerant gas leakage</b>	A UK company has developed a reliable non-invasive ultrasonic device that monitors refrigerant gas levels in refrigeration & air conditioning systems. Advantages include simple fast attachment, user-friendly modular design, circuitry that auto-adjusts for different pipe sizes, projected low manufacturing costs and an accurate low-signal alarm. The company is looking for a manufacturing partner with electronics/plastics expertise and good market access/distribution.	UK
7157	<b>Biological screening parameter and ecological modelling for risk assessment and quality analysis of soils and contaminated material</b>	An Austrian Start-Up company is developing a simple and fast biological screening parameter in combination with a computer-aided model for in-situ risk assessment and ecological quality determination of soils/contaminated sites/landfills. Since there are evident problems of common procedures using guideline values, the method is based on the diversity and physiological condition of selected groups of microorganisms. International exploitation and distribution partners and investors are sought.	AT
7454	<b>Infrared absorption device for analysis of exhaust gases from moving vehicles</b>	A Spanish Research Group has developed an infrared absorption system for real-time measurements of pollutants in exhaust gases from moving vehicles. The system is capable of remote and simultaneously monitoring all pollutants, including nitrogen oxide by the use of an ultra-narrow Fabry-Perot interference filter. The Research Group is interested in licence and manufacturing agreements (vehicle inspection, gases measurements systems or IR sensors systems manufacturers)	ES
<b>MEDICINE, HEALTH</b>			
7236	<b>"New Method for the production of Human Blood Platelets."</b>	A Spanish University has developed a new method for the production of Human Blood Platelets. This method allows the use of these platelets for different applications and purposes such as for analytical purposes, as standard in biological and biochemical essays of platelet functions, for testing of drugs related to platelet function and as source of platelet-derived productions. The institution is searching for companies interested in commercial applications of the method.	ES
7151	<b>Novel format of enzyme immunoassays without washing steps with ellipsometric read-out (precipitate enhanced enzyme immunoassay) (PEIA)</b>	This Dutch institute has developed a Precipitate enhanced enzyme immunoassay (PEIA). With PEIA the washing steps are no longer required, and since all components used in the current EIAs are present in the wells at the same time. Partners are sought to form a joint venture in which the institute IP and expertise are combined with expertise in building the required ellipsometer for POC applications, and with expertise in marketing of the combination of the apparatus with the assays.	NL
7202	<b>New families of new antioxidants from marine organisms</b>	A Belgian research centre proposes a technology including two families of new antioxidants designed after compounds discovered in marine organisms. These antioxidants show very high reactivity with many deleterious oxygen species involved in major pathologies. A unique feature: the scavenging of reactive oxygen species by members of the first family yields members of the second family, thus prolonging the action of the antioxidant after consuming it. Design of many derivatives is possible.	BE
7180	<b>Antigen characterization allowing serologic diagnosis of Leishmaniasis</b>	A Spanish research group has techniques available to characterise antigens that allow serologic diagnosis of Leishmaniasis. This group has described the immune humoral response in dogs and humans with visceral Leishmaniasis produced by L. Infantum. They are looking for a pharmaceutical group in order to transfer their knowledge.	ES
7263	<b>Detachable Tray with enclosure for walking frame</b>	An inventor based in Northern Ireland has designed, patented and prototyped detachable tray, for attachment on a walking frame for the disabled. It comprises of an enclosed box of D-shaped horizontal section. The top of the box serves as a tray that has a peripheral rim to retain placements and an enclosed part, which is accessed via a front door, and which serves to accommodate plates or bowls of food etc. in a non-slip fashion. Very suitable for a manufacturer of aids for the disabled.	UK
7292	<b>New Carbon Materials for Medical Applications</b>	A Polish Research Group has developed the original technology for production of new carbon materials for medical use. Such materials are bio-functional and biocompatible with soft and hard tissue. The satisfactory result of numerous clinical tests confirmed that carbon materials could be useful in different branches of medicine. The Research Group is looking for industrial partners interested in cooperation and further development & research.	PL
7297	<b>"New process for biomaterial elaboration and drug delivery system."</b>	A French institute has developed a new process to produce biomaterials incorporating therapeutic agent. A patent has been granted. The bioceramic material is produced by a CaP powder compaction, which can integrate bioactive factors. The laboratory would like a licence agreement, a manufacturing agreement or a technical agreement. They would like further R&D as well.	FR
7306	<b>"Quantification of platelet aggregation in blood"</b>	A Spanish research group has developed an experimental model that allows evaluation of platelet aggregation activity through "in vitro" and "in vivo" models. The combination of both technologies provides valid guidelines on the platelet anti-aggregant and anti-thrombosis effects of the substance to try out. They are looking for a pharmaceutical group that performs research in anti-thrombosis drugs, for transferring their knowledge and testing the substance.	ES
7333	<b>A high performance nucleic acid diagnostic assay system.</b>	A Dutch company developed a high performance nucleic acid diagnostic assay system based on NASBA amplification technology. This technology represents a synergy of three key technologies. Integrating isolation, molecular amplification and detection into an all-in-one system. The company is looking for a license contract or a manufacturing contract. A combination of a license with contract manufacturing is optional.	NL
7354	<b>IMPROVED DESIGN OF URETERIC STENT THAT REDUCES BLADDER IRRITATION AND REFLEX OF URINE INTO THE KIDNEY</b>	One of Europe's largest teaching hospitals has developed an improved 'G-shaped' design of ureteric stent that reduces bladder irritation and prevents urine reflux into the kidney. An integral device reduces risk of parts of the device becoming detached. This technology could be of most interest to medical device companies.	UK
7381	<b>"Electroporation Therapy (EPT) of solid tumours"</b>	EPT is a new treatment for Head and Neck Cancer and is a method of temporarily increasing the permeability of cancer cell membranes to therapeutic molecules. It consists of the intratumoural injection of an anticancer drug (bleomycin), followed a few minutes later by electroporation (short, high voltage pulses directly to the tumour tissue). Benefits include avoiding disfigurement, functional impairment and systemic side effects. The UK SME is looking for a joint venture or marketing agreement	UK
7385	<b>Propulse Ear Syringe</b>	The Propulse II Ear Syringe is a class 2 Medical device, intended for the removal of cerum, keratin or any foreign body from the human ear by irrigation. It is a pressure controlled device that offers significant advantage over the standard manual syringe by reducing the likelihood of litigation associated with old fashioned devices. The UK SME is looking for either a joint venture or a commercial agreement with technical assistance.	UK
7393	<b>COMPLUCAD: a family of products preservative of organic matter with application in different sectors.</b>	A Spanish SME has developed, in collaboration with the Universidad Complutense of Madrid, a new preservative of organic matter, free of phormol, without toxicity, and with exceptional practical results and huge environmental advantages. It has application in the following fields: funeral, anatomy, histopathological, legal medicine, archaeological, civil defence and police. The company looks for distributors for its product in these sectors.	ES
7408	<b>ORTHOMETRIC 3DENT: Hardware and software system for the planning of cephalometry and orthodontic treatment in 3D</b>	A Spanish SME has developed a system for the planning of cephalometry and orthodontic treatment in 3D. The technology includes scanning of the dental anatomy of the patient through laser and allows a computerized orthodontic treatment (analysis of photographic registers, automatic cephalometry and digital set-up). The company is looking for dental clinics or medical equipment suppliers interested in the know-how or in establishing commercial agreements with technical assistance.	ES
7437	<b>Patient management software for oto-rhino-laryngology clinics</b>	A Spanish company, in collaboration with a group of acknowledged Spanish ENT (Ear, Nose, Throat) doctors, has developed patient management software for oto-rhino-laryngology clinics. This software integrally manages the ENT office visit, including medical files, audiology and images (endoscope or scanner) as well as the financial aspects. This company is looking for partners in the sector of licensing agreements and sales persons (laboratories, medical suppliers, etc.).	ES



Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7464	<b>Simple universal extractor for blood component separation</b>	A Northern Swedish company has developed a new blood component separator used to separate plasma, red blood cells and a buffy-coat after centrifuging whole blood. The instrument is a simple universal extractor that handles both top/bottom and top/top bags. The company is looking for subcontractors for final assembly and test, joint venture or manufacturing agreement.	SE
7485	<b>Tube Stripper An instrument used for draining blood from the tubing to the blood bags</b>	This is an instrument used for draining blood from the tubing to the blood bags, a process known as tube stripping. The blood from the tube achieves the same quality as in the storage bag, while the blood is mixed simultaneously. This instrument allows one person to handle six Tube Strippers simultaneously. The process is monitored automatically and the products portable. The company is looking for partners in the field of medical technology products for blood banks and related processes.	SE
7395	<b>A new device for removing ticks from flesh so that potential for infection is reduced</b>	A small Hungarian company has invented a new device to remove the entire tick from flesh without the danger of infection. This is the breakthrough new device for tick removal since by using it we can avoid illnesses. The applicability of the tick spoon is 100% in case of animals and 70% in case of human beings. Its main advantages are small size/price and easy application. The company is looking for commercial partners interested in veterinary medicine and pharmaceutical industry.	HU
7355	<b>DNA EXTRACTED FROM FECAL SMEARS DRIED ON CARD CAN BE USED TO SCREEN FOR GENETIC MARKERS FOR CANCERS</b>	One of Europe's largest teaching hospitals has developed a novel method for cancer screening. DNA can be extracted from fecal smears previously dried on card and can be used to screen for genetic markers for cancers or other genetic conditions. This is the first reported analysis of DNA extracted by existing means from dried fecal smears stored on card. Potential partners could be industrial/commercial organisations with some development capability - possibly diagnostic companies.	UK
7401	<b>Retinoid type aromatic polycyclic derivatives</b>	A French technical institute has developed a series of molecules based on retinoid type aromatic polycyclic derivatives. These compounds can find numerous applications in the field of pharmaceuticals and cosmetology. One molecule of this series has already been tested and revealed good performance as chemoprevention agent, in the cancer treatment. The technical institute is now looking for industrial partner in order to develop and test other molecules of the series and new applications.	FR
7324	<b>Retinoid, opiate, and not steroid anti-inflammatory to treat inflammatory pathology, neurodegenerate pathology, and pathologic ache</b>	A Spanish research group has studied pharmacology actions on neurons of the central nervous system. The individual register of motor-units during the reflected of retired constitutes a study technique non-invasive and more specific of the process of nociceptive information in the spinal medulla. This group is looking for a pharmaceutical company for licence and commercial agreements.	ES
7488	<b>An innovative system for in-vivo testing new drug compounds</b>	This French company offers a non-invasive system to test in-vivo any innovative drug compounds and to study the effects of any innovative drug compounds or the influence of any genetic therapy drugs. Advantages over conventional methods include no side effects, no interference; moreover the system is reproducible, fast, painless and clinically tested.	FR
7330	<b>Detection and evaluation of the pharmacology activity of certain plant roots</b>	This Spanish group has studied root extracts of certain plants that show biological activity, which can be used in pharmacology. They have isolated the fraction with biological activity to analyse and identify, by chemical and spectroscopic data and the structure of the responsible molecule. This group is looking for a pharmaceutical group, interested in commercialising natural products with therapeutic effects, for licence or commercial agreements.	ES
7396	<b>Aromaclear Insect Repelling Scalp Application and Hair Rinse</b>	A UK SME specialising in natural products has developed Aromaclear, a natural alternative for dealing with headlice infestation using pure essential oils that have insect repelling properties to which the lice are non-resistant. It also contains oils to lift the spirits so reducing the negative emotional aspects of the condition. It can be used safely with children suffering from eczema, asthma and sensitive skins. The company is looking for a JV or a commercial agreement with tech assistance.	UK
<b>STANDARDS-QUALITY</b>			
7234	<b>Advanced techniques for audit, testing, and quality management of information systems</b>	Effective acquisition, development and use of information systems are in many cases hindered by inadequate technologies, methods and procedures. An Estonian SME has developed an approach integrating and tailoring the advanced techniques for audit, testing, and quality management that enable enterprises (both IT developers and users) and governmental organisations to become aware of their problems, locate the bottlenecks, apply corrective measures and measure the effects.	EE
<b>TELECOMMUNICATIONS</b>			
7372	<b>Retina-like visual sensor technology</b>	An Italian Research Institute offers a special kind of visual sensor that can be used to build video cameras. For the processing & transmission of streams of images the sensor allows saving bandwidth, energy & computational power without decreasing the quality of the perceived images. The Research Institute is looking for joint ventures with industries working in telecommunication field, in particular companies manufacturing equipment for wireless communication interested in video-transmission.	IT
7216	<b>EASYVOICE: Vocoder with low variable flow for the compression of voice and music in the audio bandwidth</b>	A French company is specialized in the digital signal processing of vocoders and low-speed modems. It seeks a partner to integrate and promote its software EASYVOICE. This one has a low variable flow of 4800bit/s adapted to the voice coding disturbed by environment or music. The applications concerned are answering machines, digital recorders and mobile phones that work as digital recorders. The second vocation of EASYVOICE is to change the voice for toys.	FR
7382	<b>Innovative technology for the design and manufacturing process of microwave flat antennas</b>	A Spanish research group has developed a technology for the design and manufacturing process of microwave flat antennas, of high, medium or low gain, having different kinds of coverage. The main application of this technology is in the telecommunications area. The main advantage is the capability of these types of antennas to work on linear or circular polarisation, in any of the L, S, C or X. The institute is looking for manufacturing deals.	ES
7225	<b>GPS Car Controller for vehicle or fleet control and monitoring</b>	An Estonian SME has developed and produces a Telematic GPS Controller. The Controller is a remote control device that offers several possibilities to control car security and auxiliary devices via the GSM mobile network. It combines GSM, GPS, MPS and VWeb technologies in one solution. The company is looking for R&D-partners and foreign companies specialized in import/export for distribution.	EE
7270	<b>Thunderstorm defense system for devices connected to electric distribution network and telephonic lines</b>	A new technology system to protect electric devices has been made up by a Spanish inventor. It can be used with telephone lines, wires and other types of devices such as answering machines, computers, etc. The inventor is looking for electric or telecommunication companies interested in further developing and distribution of this system.	ES
7271	<b>Media Vox: Secure Multimedia terminal for surfing with voice on the Internet, with no voice training required</b>	A French company has developed computer kiosks fitted with microphones and software to voice-activate programs. The most popular applications are for trade-fairs: visitors can consult the list of exhibitors and the map of the show locating the company stands. The visitor asks a question to the terminal, the computer processes the data and the information requested appears on the screen. The company is looking for partners to develop its applications and sales.	FR
<b>TRANSPORT</b>			
7404	<b>New method steering system for a slow-motion vehicle</b>	A tiny Finnish consulting enterprise based on innovative knowledge is looking for a co-operation based on licence agreement for applications of its patented new steering system for a slow-motion vehicle. The method is based on new type of articulated joint connecting the vehicle. This enables a flexible and agile four-wheel control of a slow-motion vehicle. They are looking for a license agreement.	FI
7096	<b>Zamir Recognition Systems: Licence Plate Recognition (LPR) Technology</b>	"Zamir Recognition Systems Ltd is an Israeli SME which has developed an optimized License Plate Recognition (LPR) technology. The technology is capable of automatically identifying a vehicle by its license plate in real-time, with very high recognition rates based on advanced electro-optic technology. The system functions equally regardless of traveling speed, lighting conditions and adverse climatic conditions."	IL

Κωδικός	Τίτλος/Περιγραφή	Περίληψη	Χώρα
7422	<b>AUTOMATIC CHARGE CAR PARK</b>	An Italian technical centre has developed an electronically controlled open air (street) parking system. The person using this system enters his/her personal credit card into the automatic debiting machine. The user can also demand surveillance for the car. This technical centre is looking for industrial partners interested in further development and for testing of new applications.	IT
7439	<b>Crank-less Internal Combustion Engine Improving Power Efficiency</b>	An Estonian inventor has designed a new type of internal combustion engine, which objective is to apply for payload more of the thermal energy created during combustion. The engine would be more environmentally friendly, smaller by dimensions per 1 kW capacity than those in operation, and the engine is not connected to a gas engine in a circular process diagram. The inventor is looking for a Research Institute or Technical Centre to perform joint development and start performing tests.	EE
7456	<b>Re-usable and Recyclable Thermoplastic Polyester Adhesive Tape</b>	A small company based in the UK has developed an innovative adhesive tape, which offers particular benefits in applications where two surfaces are bonded together, especially where one surface will require replacement before the other. This product may improve processes and efficiency for car, window, greenhouse and picture frame manufacturers. The main advantages are that the product will allow rapid window removal, it is re-usable and recyclable.	UK
<b>VETERINARY</b>			
7328	<b>Technology for the treatment of flaxseed (linseed) for the improvement of cattle nutrition</b>	A French company located in the west of France finalized a technology for the treatment by extrusion of flaxseeds (linseed). This allows a diversification of energetic contribution in animals breeding and improves certain parameters of animal health and performance. This company has the whole process under control, from the selection of the flaxseed variety from the quantity of product to be supplied in the cattle food. This company looks for partners in Europe to transfer its technology.	FR
7335	<b>TGE- Thermal pressure hydrolysis (TPH) and anaerobic digestion of animal byproducts - an economic treatment avoiding the production of bone and meat meal and the spread of BSE contaminated tissues</b>	A German Development Center for Process Engineering developed an energetic recycling of animal byproducts that does not produce bone and meat meal. Pretreatment of byproducts by Thermal Pressure Hydrolysis (TPH) allows stable anaerobic digestion. The biogas yield is in the range of 230 to 270 m <sup>3</sup> /Mg raw materials, with methane content between 70 to 77 %. Licensees offer design, building and installation of full-scale plants as general entrepreneur.	DE
<b>WASTE MANAGEMENT</b>			
7239	<b>EKOTUO.2.E.T.JW: A wasteless technology for thermal utilisation of municipal wastes</b>	A Polish company has developed a new technology for thermal utilisation of municipal wastes that consists in two-stage combustion. In boiler 1 the process of thermal decomposition takes place at temperatures from 300°C up to 700°C, with time and temperature subject to control. Possible fuel: natural gas, furnace oil. This gas purification system meets the requirements of EC environment protection standards. The company is looking for heat or power generating plants to implement this technology.	PL
7198	<b>KLIN KLAP: a mechanical collecting system for rubbish</b>	A French inventor has developed Klin Klap, a system to help combat the problem of urban litter. The system does not need maintenance and is able to fit in any design. This system is a collection and sorting station for rubbish (paper, cardboard, plastic, metal cans) and gives the person who uses it a proof of deposit. The inventor is ready to collaborate with an industrial partner or any cooperative partner (city, county council, supermarket, etc.).	FR
7147	<b>Optimization of a scrap water valorization process to upgrade silicon characteristics for photocell production</b>	The proposed technology to be developed at the prototype stage is a process using standard techniques of the microelectronic industry to valorise scrap wafers purchased from chip manufacturing facilities: these techniques allow to upgrade the scrap water characteristics to make them suitable for photocell production. A French company is looking for photocell and wafer manufacturers as well as solar panel integrators and distributors to develop and disseminate this technology.	FR
7097	<b>Wiped Surface Crystallizer (WSC): chilling and freezing machine for the food industry</b>	Wiped Surface Crystallizer (WSC) is a unique, industrial chilling and freezing machine, developed by an Israeli SME. Due to its special design, crystal growth is prevented on the cooled surface. The crystals are produced within the cooling solution volume, thus making the WSC one of the most efficient Crystallizer and icemaker ever built. Bubble slurry, the cooled solution, produced by the machine, is an excellent, rapid freezing means. Applications are mainly in the food industry.	IL
7252	<b>Eco In - innovative separating system for biogenic household waste</b>	Biogenic waste is the largest fraction of residual household waste, thus offering the greatest potential for volume reduction. The patented and pilot-tested concept Eco In is a combination of a biodegradable paper bag that will not tear when wet, and an attractively designed frame within which it is suspended, thus allowing permanent ventilation. A franchisee and/or producer with a suitable sales organisation is sought for households, waste disposal companies, municipalities.	AT
7286	<b>TGE - Modular control and visualisation systems for biogas and wastewater treatment</b>	A German company developed modular control and visualisation systems for gas analysis. This system is able to measure the gas components methane, carbon dioxide, hydrogen sulfide, oxygen and hydrogen in different fermenters in biogas or wastewater treatment with one device. Integration of the control systems in any supervisory automation using different interfaces is possible. They are looking for a joint project development in biowaste fermentation and biogas use.	DE
7331	<b>System for the purification and recycling of gray water.</b>	A Cyprus researcher has developed a system, which effectively cleans and recycles gray water and allows its reuse in secondary applications such as toilets and gardening activities. The system uses a combination of physical and chemical purification methods and offers significant advantages not only to the consumer but also to the local water authorities. The researcher is seeking an industrial partner who would be able to manufacture and locally market and distribute the system.	CY
7380	<b>Extrusion of Recycled Polystyrene from raw waste to Finished Products.</b>	This UK SME extrudes recycled polystyrene from raw waste in order to produce a finished outdoor product for the client (made to the clients requirements). The application of the process is unique. The waste material is converted into a usable end product. The end products are virtually maintenance free, graffiti resistant, waterproof and impervious to fungal attack. The company is looking to licence the technology.	UK
<b>OTHERS</b>			
7499	<b>A hammock support system that allows a hammock to be suspended from a single support.</b>	This hammock support system has been designed, prototyped and tested by an architect based in Northern Ireland. The system can support a conventional hammock using one upright support rather than two. This is the main advantage. The inventor wishes to sell a licence for manufacture.	UK
7506	<b>Pre-computer school game for mathematical education</b>	A Bulgarian inventor has created a mathematical game for children of preschool and primary school age. The game can change radically the children's mathematical education. It cultivates (in an easy and pleasant way) children's notions of arithmetic and geometry at an early age. A long term partnership is sought in order to produce and distribute the game in Europe.	BG
7107	<b>PAPERWALL: Technology for cardboard furniture/installation modular system</b>	Hungarian small private company has invented multifunctional, creative, environmentally friendly and economic new way of using cardboard for furniture/office equipment/exhibition stands. Cardboard paper furniture is strong, durable, esthetic and practical at a reasonable cost. The technology of producing the modular elements and fitting them together is being patented worldwide.	HU
7145	<b>Innovative Anti-theft Alarm and Immobiliser for Motorcycles</b>	A UK company specialising in electronic speech have developed an alarm and immobiliser combining many innovative security features with a real human voice to provide a highly effective anti-theft system for motorcycles. A verbal warning message sounds if someone approaches too close to the motorcycle and the owner can select different security features with each selection being confirmed by a verbal message from the alarm. The company seeks partners for licensing or manufacturing agreements.	UK

Κωδικός	Τίτλος έργου / Περιγραφή	Περίληψη	Χώρα	Πρόγραμμα	Ζητούμενος συνεργάτης	Προθεσμία
7597	New Silicon Nitride Ceramics for Industrial Applications	Aim of the planned project is the development of novel silicon nitride ceramics and their implementation to applications in high power electronics.	DE	*Competitive and Sustainable Growth, *Materials and their technologies for production and transformation * Energy, * Environment and Sustainable Development	Industry 1. Producer of high power electronics for electronic propulsion systems, railway technologies, laserdiodes, etc. 2. Producer of silicon nitride raw materials 3. Producer of organic additives 4. Physical institute with strong experience in ceramics, sintering, nanoparticles and ceramics characterization 5. Chemical institute with experience in organic chemistry for tape casting and slurry preparation"	31/1/2002
7391	Security Labels	Aim of the planned CRAFT project is the development and implementation of a novel security technology for magnet cards, chip cards and the protection of high -price products against plagiarism. The new technology is basing on the application of nanotechnological structures, attached to the object to be protected. The project focuses on the development of nanostructures as well as appropriate reading technologies	DE	*Competitive and Sustainable Growth, *Systems and services for the citizen, *Future and Emerging Technologies, *User-friendly Information Society, *Promotion of Innovation and SME Participation	Industry Manufacturer of chip cards, bank cards, labels, etc.	31/1/2002
7184	Upgrading Waste Water Treatment Systems	"German SME seeks preferably non-German partners for a CRAFT project to optimise waste water treatment systems via neural networks and an intelligent dosing system by fuzzy control."	DE	* Energy, Environment and Sustainable Development * Competitive and Sustainable Growth * Sustainable management and quality of water	Industry SMEs that develop measurement and control systems, especially for biochemical parameters in wastewater SMEs that are developing and installing equipment for waste water treatment plants SMEs as pilot-users of the new system RTD- Performers to develop the new sensor systems	1/2/2002
7390	CRAFT - Development of a grey -water recycling system for domestic use based on a new ceramic filter technology	German SME seeks partners for a CRAFT project. The objective is to develop a new ceramic filter structure to be used in domestic recycling systems.	DE	*Energy * Environment and Sustainable Development * Sustainable management and quality of water	"Industry Partners sought are: SME manufacturer of cermaic membranes- Non-German marketing partner for rain water systems SME end user: -hotels, holiday resort, restaurants -Construction companies -plumber service companies and Municipalities"	1/2/2002
7461	BUILDING COMFORT EVALUATION THROUGH A SIMULTANEOUS PROCESSING OF ENVIRONMENTAL VARIABLES	The main objective of this project is to develop a methodology and a measuring portable equipment prototype to assess experimentally the human comfort inside a building by considering the following environmental variables: solar radiation, noise, temperature, humidity and air speed and quality. As a result of this, European society will be provided with an effective instrument for a global diagnosis on site of the environmental quality of building.	ES	* Promotion of Innovation and SME Participation, * Encouraging SME participation	"Research - A RTD that will be in charge of development of a mathematic model to assess the comfort through a single parameter. - A building companies (SME) that supply the materials to build the simulation chamber - A SME with enough knowledge and prestige to carry out surveys and statistics throughout Europe"	1/2/2002
7183	CRAFT: DEFINITION OF ACCELERATED TESTS FOR METALLIC COMPONENTS	"The main aim of the current project is the correct definition of specific accelerated tests in metallic components. The wide possibilities that the application of advanced techniques and tools for life prediction and for the definition of accelerated tests offers, allows to reduce components weight, improving the designs and, at the end, to extend the life of the products subjected to cyclic mechanical stresses (therefore, reducing in that way, the consumption of raw material).	ES	Encouraging SME participation	Industry SMEs (less than 250 employees), taking up design, manufacturing or assembly of metallic components, subjected to cyclic loads and mechanical durability problems	15/1/2002
7596	ACTI-SHIE	Researches and studies led in engineering, physics and medicine showed proof of damages that electric, magnetic and electro-magnetic fields cause to human body. The environmental electromagnetic pollution or the so-called electro-smog has thus been recognised as a risk factor in the children leukaemia.	IT	* Quality of Life and Management of Living Resources, * Environment and health	" Industry SMEs interested in developing the same research program with knowledge and technical capabilities in designing and producing electronic control devices, steady-state current amplifier, low frequency magnetic sensors. End users	31/1/2002
7595	Novel Micro-dosing Systems produced by Injection Molding Processes	Aim of the planned project is the development of a new generation of micro-dosing systems basing on injection molded components. So-far, micro-filter plates and other critical parts are mainly fabricated by silicon technology, and hence, related to high production costs. The planned project will provide the technology to produce these components with low costs.	DE	*Quality of Life and Management of Living Resources, * Competitive and Sustainable Growth, *Measurements and testing, * Support for research infrastructures	"Industry 1. Producer of dosing systems for bio-medical applications 2. Specialist in SMD assembling 3. specialist in metalization of polymer surfaces"	31/1/2002
7523	Wireless Plant Monitoring Sensors	The aim of the proposed European project is to develop generic software and hardware for hardware for use with wireless plant monitoring sensors. This technology will then be designed to incorporate into both existing SCADA and plant condition monitoring equipment for remote surveillance of manufacturing operations.	UK	* User-friendly Information Society, * Future and Emerging Technologies, * Competitive and Sustainable Growth	Industry Project requirements:	28/2/2002
7601	Controlled Release Wound Dressing	"This project seeks to develop absorbent wound dressings which exhibit reduced cellular adherence and which are capable of providing the controlled release of desired drugs materials." The scope of the project is intended to take the product from laboratory based prototype development through to the availability of a scaled-up manufacturing batch for use in clinical trials"	UK	Food, nutrition and health	Industry Manufacturer of absorbent wound dressings or their constituent	23/1/2002

Πέμπτο Πρόγραμμα Πλαίσιο για Ε & ΤΑ - Προσκήσεις Υποβολής Προτάσεων (<http://hirc.ekt.gr>)

ΑΙΧΗ

ΤΟΜΕΙΣ / ΠΕΡΙΟΧΕΣ

Πρόγραμμα: Ποιότητα ζωής και διαχείριση των έμβιων πόρων (Quality of Life & Management of Living resources)

31/1/2002  
ΕΕ ΝοC 306/31.10.01

**Κεντρική Δράση: Τρόφιμα, Διατροφή και Υγεία:** Γραμμές δράσης: 1.1, 1.2, 1.3 **Κεντρική Δράση: Περιβάλλον και Υγεία:** Όλες οι γραμμές δράσης **Κεντρική Δράση: Αειφόρος γεωργία, αλιεία και δασοκομία:** Γραμμές δράσης: 5.1, 5.2, 5.4, 5.5 **Κεντρική Δράση: Ήλκηση του πληθυσμού:** Γραμμές δράσης: 6.1. Συμπεριλαμβανομένων με το γήρας ασθένειες, 6.2. Βασικοί μηχανισμοί φυσιολογικής γήρανσης, 6.3. Δημογραφικές και κοινωνικές πτυχές της γήρανσης του πληθυσμού, 6.4. Αντιμετώπιση των λειτουργικών περιορισμών του γήρατος, 6.5. Υγειονομική περίθαλψη και κοινωνική αρωγή στους ηλικιακούς **Δραστηριότητες έρευνας και τεχνολογικής ανάπτυξης πολλαπλών εφαρμογών**  
1.2. Βιοδοτολογία, 1.3. Κοινωνικοοικονομική αξιολόγηση των βιοεπιστημών και των τεχνολογιών υγειονομικής περίθαλψης

31/1/2002\*  
ΕΕ ΝοC 282/6.10.01

**Συνδυαστικά μέτρα:** Στο πλαίσιο κοινής πρόσκλησης υποβολής προτάσεων των Προγραμμάτων: 1. Ποιότητα ζωής και διαχείριση των έμβιων πόρων, 2. Ανταγωνιστική και βιώσιμη ανάπτυξη, Ενέργεια, 3. Περιβάλλον και βιώσιμη ανάπτυξη **Υποστήριξη για τη συμμετοχή των προσφάτως συνδεδεμένων κρατών (ΠΣΚ) στον ευρωπαϊκό χώρο της έρευνας. Η πρόσκληση στοχεύει στην προώθηση των δεσμών μεταξύ εξεχόντων ερευνητικών κέντρων των ΠΣΚ και των κέντρων των κρατών μελών μέσω της δικτύωσης, των ανταλλαγών, της εκπαίδευσης και της αδελφοποίησης**

8/2/2002  
ΕΕ ΝοC 282/6.10.01

**Συνδυαστικά Μέτρα**

8/2/2002  
ΕΕ ΝοC 282/6.10.01

**Υποστήριξη Ερευνητικής Υποδομής**

15/2/2002  
ΕΕ Νο C158 31.5.01,p.12-13

Πρόσκληση υποβολής προτάσεων για την επέκταση υφιστάμενων συμβάσεων στο πλαίσιο του προγράμματος, ώστε να συμμετάσχουν εταίροι από τα πρόσφατα συνδεδεμένα κράτη (ΠΣΚ) σε έργα που ήδη υλοποιούνται

17/4/2002  
ΕΕ ΝοC 282/6.10.01

**Τεχνολογική παρακίνηση για την ενθάρρυνση και διευκόλυνση της συμμετοχής ΜΜΕ σε ερευνητικές δραστηριότητες:**

10/4/2002  
ΕΕ ΝοC 282/6.10.01/p.13-14

**Ατομικές Υποτροφίες Marie Curie:**  
1. Ατομικές υποτροφίες Marie Curie, 2. Υποτροφίες επανόδου, 3. Υποτροφίες για έμπειρους ερευνητές.

Φιλική προς τον χρήστη Κοινωνία των Πληροφοριών (Πρόγραμμα IST)\*

21/2/2002  
ΕΕ Νο C321/16.11.01

**Προτάσεις για έργα ΕΤΑ, έργα επίδειξης και συνδυασμένα έργα ΕΤΑ/επίδειξης**  
**Κεντρική Δράση I:** Γραμμές Δράσης: I.1.1. Εξυμνα συστήματα για την παρακολούθηση της κατάστασης της υγείας, I.1.2. Συστήματα για επαγγελματίες του τομέα της υγείας: δημιουργία μιας ζυμής πληροφοριών γνώσεων για την υγεία, I.2.1. Συστήματα για αυτόνομη ζωή, I.4.1. Εξυμνα συστήματα και υπηρεσίες διαχείρισης πολιτικών και περιβαλλοντικών κρίσεων, **Κεντρική Δράση II:** Γραμμή Δράσης: II.1.1. Διερευνητική μακροπροσέγγιση / υψηλού κινδύνου έρευνα, II.1.3. Αντιμετώπιση στόχων της εύτευρε και εύτευρε+ **Κεντρική Δράση III:** Γραμμές Δράσης: III.5.3. **Κεντρική Δράση IV:** Γραμμές Δράσης: IV.2.1. Ινωστικά συστήματα δράσης, IV.2.2. Προηγμένα συστήματα ελέγχου, IV.2.3. Δίκτυα και τεχνολογίες για κατανεμημένες υπηρεσίες και εφαρμογές, IV.3.1. Ικανότητα σύνδεσης και δυναμική προσαρμοστικότητα λογισμικού, συστημάτων και υπηρεσιών, IV.4.1. Τεχνολογίες προσομοίωσης και απεικόνισης, IV.5.1. Τεχνολογίες συστημάτων και δικτύων πέραν της τρίτης γενιάς, IV.5.2. Επικύρωση ασυρμάτων και κινητών συστημάτων και τεχνολογιών, IV.6.1. Δικτυακά οπτικοακουστικά συστήματα και υπηρεσίες, IV.7.1. Μικροσυστήματα και δομοστοιχεία υποσυστημάτων ελαχιστοποιημένης κλίμακας μεγέθους για φορητές εφαρμογές, IV.7.2. Ενσωμάτωση αισθητήρων και ενεργοποιητών για αυξημένη ευρυα, αλληλεπίδραση και δικτύωση, IV.8.1. Σχεδιασμός μικροηλεκτρονικών, IV.8.2. Τεχνολογίες μικροηλεκτρονικής - διεργασίες, εφοπλισμός, IV.8.3. Οπτικές και οπτοηλεκτρονικές τεχνολογίες **και οι Γραμμές Δράσης (Cross Programme Action):** V.1.9. Τεχνολογίες πλέγματος (GRID) και οι εφαρμογές τους, V.1.10. Τεχνολογίες αισθητήρων και εφαρμογές, V.1.14. Κινητές εφαρμογές και υπηρεσίες, V.1.15. Τεχνολογικές πλατφόρμες για τον πολιτισμό και τις τέχνες, VII.1.1. Επέκταση των ορίων των ερευνητικών δικτύων, VII.1.2. Προηγμένες πειραματικές υποδομές **Προτάσεις δράσεων αφομοίωσης και μέτρα στήριξης: Κεντρική Δράση I:** I.4.1(s). Εξυμνα συστήματα και υπηρεσίες διαχείρισης πολιτικών και περιβαλλοντικών κρίσεων, I.5.1(f+s) Συστήματα για την κινητικότητα, I.4.1. Εξυμνα συστήματα και υπηρεσίες διαχείρισης πολιτικών και περιβαλλοντικών κρίσεων, **Κεντρική Δράση II:** II.1.2(s). Στρατηγική οδηγία για την εφαρμοσμένη έρευνα, II.1.3(f+s) Αντιμετώπιση στόχων της εύτευρε και εύτευρε+ **Κεντρική Δράση III:** Γραμμές Δράσης: III.5.1 (s) Ειδικά μέτρα υποστήριξης της ΚΔ3, III.5.2(s) Προετοιμασία για μελλοντικές ερευνητικές δραστηριότητες **Κεντρική Δράση IV:** Γραμμές Δράσης: IV.2.1(s) Ινωστικά συστήματα δράσης, IV.2.2(s) Προηγμένα συστήματα ελέγχου, IV.2.3 (s) Δίκτυα και τεχνολογίες για κατανεμημένες υπηρεσίες και εφαρμογές, IV.2.4 (f) Πληροφορική επικοινωνίας και δικτύων- Μέτρα αφομοίωσης, IV.3.1 (f+s) Ικανότητα σύνδεσης και δυναμική προσαρμοστικότητα λογισμικού, IV.7.1(f+s) Μικροσυστήματα και δομοστοιχεία υποσυστημάτων ελαχιστοποιημένης κλίμακας μεγέθους, IV.7.2(f+s) Ενσωμάτωση αισθητήρων και ενεργοποιητών για αυξημένη ευρυα, αλληλεπίδραση και δικτύωση, IV.8.1(f) Σχεδιασμός μικροηλεκτρονικών, IV.8.2. Τεχνολογίες μικροηλεκτρονικής - διεργασίες, εφοπλισμός, IV.8.3(s) Οπτικές και οπτοηλεκτρονικές τεχνολογίες, IV.8.4 (f) Βιομηχανικές μικροηλεκτρονικές και οπτοηλεκτρονικές τεχνολογίες (δράσεις αφομοίωσης-αξιολόγησης) **και οι Γραμμές Δράσης (Cross Programme Action):** V.1.9(f+s) Τεχνολογίες πλέγματος (GRID) και οι εφαρμογές τους, V.1.10(f) Τεχνολογίες αισθητήρων και εφαρμογές, VII.1.1(s) Επέκταση των ορίων των ερευνητικών δικτύων, VII.1.2(s) Προηγμένες πειραματικές υποδομές **Σημ.: f=δράσεις αφομοίωσης, s=δράσεις υποστήριξης, f+s=αμφότερες οι δράσεις**

28/2/2002  
ΕΕ Νο C321/16.11.01

**Διαδικασία συνεχούς υποβολής**  
**Προτάσεις για έργα ΕΤΑ, έργα επίδειξης και συνδυασμένα έργα ΕΤΑ/επίδειξης (διαρκές σύστημα υποβολής):** Γραμμή Δράσης: VI.1.1. FET: Ανοικτή περίοχη, VIII.1.6. Διευκόλυνση της συνεργασίας με τα πρόσφατα συνδεδεμένα κράτη στον τομέα της Ε&ΤΑ (επέκταση υφιστάμενων συμβάσεων στο πλαίσιο του προγράμματος, ώστε να συμμετάσχουν εταίροι από τα πρόσφατα συνδεδεμένα κράτη (ΠΣΚ) σε έργα τα οποία ήδη υλοποιούνται), VIII.1.7. Διευκόλυνση της συνεργασίας με τρίτες χώρες στον τομέα ΕΤΑ **Προτάσεις για δραστηριότητες υποστήριξης (Διαρκές σύστημα υποβολής):** VIII.1.1. Ομαδοποίηση έργων, VIII.1.2. Δίκτυα Αριστείας, VIII.1.3. Προώθηση πρωτοβουλιών τυποποίησης και διαλειτουργικότητας, VIII.1.4. Βελτίωση του ανθρώπινου δυναμικού στον τομέα των ΤΠ μέσω της σκωδής ικανοτήτων, VIII.1.5. Επιμόρφωση του χάρατος όσον αφορά τις δεξιότητες ΤΠ μέσω της ανάπτυξης υποδομών κατάρτισης, VIII.1.6. Διευκόλυνση της συνεργασίας με τα πρόσφατα συνδεδεμένα κράτη στον τομέα της Ε&ΤΑ, VIII.1.7. Διευκόλυνση της συνεργασίας με τρίτες χώρες στον τομέα της ΕΤΑ, VIII.1.8. Διάδοση και ευαισθητοποίηση όσον αφορά τα αποτελέσματα του προγράμματος ΙΚΤ, VIII.1.9. Μελέτες, VIII.1.10. Ενίσχυση του ευρωπαϊκού ερευνητικού χώρου (ΕΕΧ) στους τομείς των ΙΚΤ/Π

13/3/2002  
ΕΕ Νο C321/16.11.01

**Προτάσεις για έργα ΕΤΑ : Γραμμές Δράσης:** VI.2.1: Κβαντική επεξεργασία πληροφοριών και επικοινωνίας (QIPC) και VI.2.2. Έρευνα στην "Παρουσία": γνωστικές επιστήμες και μέσα του μέλλοντος (FET) **Προτάσεις για δραστηριότητες υποστήριξης:** VI.2.1(s): Κβαντική επεξεργασία πληροφοριών και επικοινωνίας (QIPC) και VI.2.2(s) Έρευνα στην "Παρουσία": γνωστικές επιστήμες και μέσα του μέλλοντος (FET) **- Σημ.: s=δράσεις υποστήριξης**

17/4/2002  
ΕΕ Νο C321/16.11.01

**Ειδικά μέτρα για ΜΜΕ - Ερευνητική Συνεργασία (Συνεχές σύστημα υποβολής προτάσεων)**

Πρόγραμμα για την ανταγωνιστική και βιώσιμη ανάπτυξη (Competitive and Sustainable Growth)

14/6/2002  
ΕΕ ΝοC 321/16.11.01  
31/1/2002\*  
ΕΕ ΝοC 282/6.10.01

**Προτάσεις για έργα ΕΤΑ, έργα επίδειξης και συνδυασμένα έργα ΕΤΑ/επίδειξης (διαρκές σύστημα υποβολής):** VIII.1.1.1 Ειδικό μέτρο "ερευνητική επιχορήγηση", VI.1.1. Ανοικτή περίοχη FET (πλήρης προτάσεις ΕΤΑ, συνοπτικές προτάσεις αξιολόγησης και προτάσεις για δραστηριότητες υποστήριξης) **Από κοινού πρόσκληση που αφορά Συνδυαστικά μέτρα: \* Βλέπε στο Πρόγραμμα Ποιότητα ζωής**

28/2/2002  
ΕΕ Νο C 273/ 28.9.01

**Συνδυαστικά Μέτρα**  
Τεχνολογικά κέντρα για ΜΜΕ: 1. Επιχορήγηση διερεύνησης δράσεων, 2. Συνεταιριστική έρευνα. **Υποτροφίες Marie Curie του προγράμματος Growth:** 1. Υποτροφίες βιομηχανικής μετεκπαίδευσης, 2. Υποτροφίες για έμπειρους ερευνητές



Πέμπτο Πρόγραμμα Πλαίσιο για Ε &ΤΑ - Προσκλήσεις Υποβολής Προτάσεων (<http://hirc.ekt.gr>)

ΛΗΞΗΤΟΜΕΙΣ / ΠΕΡΙΟΧΕΣ

**Πρόγραμμα Ενέργεια, Περιβάλλον και Βιώσιμη Ανάπτυξη (Μέρος Β: Ενέργεια)**

31/1/2002\*  
ΕΕ No C 282/6.10.01

Από κοινού πρόσκληση που αφορά Συνοδευτικά μέτρα: \* Βλέπε στο Πρόγραμμα Ποιότητα ζωής

28/2/2002  
ΕΕ No C 303/ 24.10.2000 p.11-13

**Συνοδευτικά Μέτρα**

ΕΕ No C 339/1.12.01 p.23

**Μέτρα Υπέρ των ΜΜΕ:** Ερευνητική συνεργασία, Επιχορηγήσεις διερευνητικής φάσης (Μέρος Β: Ενέργεια - Διαδικασία συνεχούς υποβολής)

**Πρόγραμμα Ενέργεια, Περιβάλλον και Βιώσιμη Ανάπτυξη (Μέρος Α: Περιβάλλον και βιώσιμη ανάπτυξη)**

28/2/2002  
ΕΕ No C 339/1.12.01

**Μέτρα υπέρ των ΜΜΕ:** Ερευνητική συνεργασία

15/2/2002  
ΕΕ No C 220/7.8.01

Πρόσκληση υποβολής προτάσεων για την επέκταση υφιστάμενων συμβάσεων ώστε να συμμετάσχουν εταιρείες από τα πρόσφατα συνδεδεμένα κράτη (ΓΣΚ) σε έργα που ήδη υλοποιούνται

15/2/2002  
17/4/2002 Διαρθ. C231/ 17.8.01

**Συνοδευτικά Μέτρα:** Μελέτες, ανταλλαγή πληροφοριών και δεδομένων, επιστημονικές και τεχνολογικές συναντήσεις, δραστηριότητες διάδοσης, κλπ.

15/3/2002  
Διαρθ. C231/17.8.01

**Συνοδευτικά Μέτρα:** Ανώτερα μαθήματα κατάρτισης

20/3/2002  
ΕΕ No C 24/15.11.00

**Κατάρτιση: Υποτροφίες Marie Curie:** Ατομικές υποτροφίες, Υποτροφίες υποδοχής

**Πρόγραμμα για την εδραίωση του ρόλου της της ευρωπαϊκής έρευνας στο διεθνή χώρο (INCO)**

18/2/2002, 17/6/2002  
ΕΕ No C 261/18.9.2001 p.7

Συνοδευτικά μέτρα για Χώρες Αναδυόμενης οικονομίας και βιομηχανικές χώρες (INCO A5)

15/3/2002, 16/7/2002  
ΕΕ No C 261/18.9.2001 p.5-8

Πρόσκληση υποβολής προτάσεων που αφορά: 1. Συνοδευτικά μέτρα για Μεσογειακές χώρες εταιρείες (INCO A3) 2. Υποστήριξη για συμμετοχή σε συνέδρια για κράτη που βρίσκονται σε προεπιλεγμένη φάση (INCO A1) και για κράτη που δεν βρίσκονται σε προεπιλεγμένη φάση (INCO A2) 3. Συνοδευτικά μέτρα για έρευνα στην υπηρεσία της ανάπτυξης (INCO A4 - Συνοδευτικά μέτρα)

18/1/2002  
ΕΕ No C 261/18.9.2001 p.5-8

Πρόσκληση υποβολής προτάσεων που αφορά στρατηγικές δράσεις για κατάρτιση και αριστεία σε κράτη που είναι σε προεπιλεγμένη φάση

1/3/2002  
ΕΕ No C 85/27.3.99

Υποτροφίες στην Ιαπωνία για Κοινοτικούς ερευνητές

**Πρόγραμμα έρευνας και κατάρτισης EURATOM**

9/1/2002  
ΕΕ No C 294/17.10.00, p.7-9

**Κατάρτιση: Ατομικές υποτροφίες Marie Curie**  
Ισχύουν για ολόκληρο το πρόγραμμα (Σύντηξη και Σχάση)

21/1/2002  
ΕΕ No C 294/ 17.10.00, p.7-9

**EURATOM: Υποστήριξη για υποδομή έρευνας:** Μεγάλες εγκαταστάσεις, Δίκτυα συνεργασίας, Βάσεις δεδομένων και τράπεζες ιστών.  
**Έρευνα και Τεχνολογική ανάπτυξη ευρύτερου χαρακτήρα:** Ακτινοπροστασία και υγεία Φυσικές πηγές ακτινοβολίας και χρήσεις αυτών στη βιομηχανία και την ιατρική - Δοσιμετρία εσωτερικής και εξωτερικής έκθεσης

25/3/2002  
ΕΕ No C 294/ 17.10.00, p.7-9

**EURATOM - Κατάρτιση: Υποτροφίες (Marie Curie)** - Ειδικά μαθήματα κατάρτισης, Δίκτυα κατάρτισης στο χώρο της έρευνας - Συνεργασία με τρίτες χώρες  
**EURATOM: Συνοδευτικά μέτρα:** Μελέτες υποστήριξης, ανταλλαγή πληροφοριών, διασκέψεις, σεμινάρια, εργαστήρια, επιστημονικές και τεχνικές συναντήσεις, δραστηριότητες διάδοσης, επικοινωνίας και εκμετάλλευσης, υποστήριξη συντελεστών της έρευνας, συμπεριλαμβανομένων των ΜΜΕ.

**Πρόγραμμα για την Προώθηση της καινοτομίας και ενδάρθρωση της συμμετοχής των ΜΜΕ (INNOVATION-SMEs)**

5/3/02 - 15/12/01  
ΕΕ No C 358/p.13-14

Έμμεσες δράσεις στο πλαίσιο του προγράμματος προώθηση καινοτομίας και ενδάρθρωση συμμετοχής των ΜΜΕ

28/2/2002,  
ΕΕ No C 339/1.12.01

Πρόσκληση υποβολής προτάσεων με τη διαδικασία συνεχούς υποβολής (αξιολόγηση τρεις φορές/έτος) που αφορά συνοδευτικά μέτρα (έμμεσες δράσεις ΕΤΑ) στο πλαίσιο του ειδικού προγράμματος έρευνας, τεχνολογικής ανάπτυξης και επιδείξης για την προώθηση της καινοτομίας και την ενδάρθρωση της συμμετοχής των ΜΜΕ

**Πρόγραμμα για τη βελτίωση του ερευνητικού ανθρώπινου δυναμικού και της κοινωνικοοικονομικής βάσης γνώσεων (IHP)**

1/2/2002  
ΕΕ No C 72/ 16.3.99

**Προώθηση της Επιστημονικής και Τεχνολογικής Αριστείας:** Επιστημονικές Διασκέψεις Υψηλού Επιπέδου

13/3/2002  
ΕΕ No C 72/ 16.3.99

**Σύστημα Υποτροφιών Marie Curie:** Ατομικές Υποτροφίες, Υποτροφίες Επανάδου, Υποτροφίες για έμπειρους Ερευνητές

15/3/2002

**Βραβείο Αρχιμήδης:** Πρόσκληση υποβολής προτάσεων για Τιμητικές διακρίσεις για ερευνητικές εργασίες υψηλού επιπέδου

**Εκτός Προγράμματος Πλαισίου - Προσκλήσεις Υποβολής Προτάσεων**

ΕΕ No C 246/ 4.9.01  
1/2/2002  
ΕΕ No C 308/1.11.01

**Πρόγραμμα e-Content: για την τόνωση της ανάπτυξης και χρήσης του ευρωπαϊκού ψηφιακού περιεχομένου** - Γραμμή δράσης 1: Βελτίωση της πρόσβασης και της χρήσης των πληροφοριών του δημόσιου τομέα: Γ.Δ.1.1.1. έργα επιδείξης, Γραμμή δράσης 2: Βελτίωση της παραγωγής περιεχομένου σε πολυγλωσσό και πολυπολιτισμικό περιβάλλον: Γ.Δ.2.1.1, Γ.Δ.2.2.1, Γ.Δ.2.2.3: Ενίσχυση της γλωσσικής υποδομής Αντιμετώπιση του χάσματος πρόσδεσης, Γ.Δ.2.2.4 Ενίσχυση της γλωσσικής υποδομής Διεύρυνση της βάσης γνώσεων, Γραμμή δράσης 3: Αύξηση της δυναμικότητας της αγοράς ψηφιακού περιεχομένου, Γ.Δ.3.1.1. Γεφυρώση του χάσματος μεταξύ βιομηχανιών ψηφιακού περιεχομένου και κεφαλαιαγορών, Γ.Δ.3.2.1. Ανταλλαγή δικαιωμάτων μεταξύ παικτών της αγοράς ψηφιακού περιεχομένου

## Ευρωπαϊκή διάκριση της υπηρεσίας TAXISnet

**Τ**ιμητική διάκριση από την Ευρωπαϊκή Επιτροπή έλαβε η ηλεκτρονική υπηρεσία TAXISnet της Γενικής Γραμματείας Πληροφοριακών Συστημάτων (ΓΓΠΣ) του Υπουργείου Οικονομικών. Η υπηρεσία TAXISnet αξιολογήθηκε επιτυχώς από την Ευρωπαϊκή Επιτροπή και παρουσιάστηκε στη διεθνή εκδήλωση (συνέδριο και έκθεση) "eGovernment: From Policy to Practice" που πραγματοποιήθηκε στις Βρυξέλλες, στις 29-30 Νοεμβρίου 2001, στο πλαίσιο του σχεδίου δράσης eEurope της Ευρωπαϊκής Επιτροπής.

Συγκεκριμένα, μετά από δημόσια πρόσκληση της Ευρωπαϊκής Επιτροπής για γνωστοποίηση συγκεκριμένων έργων εξυπηρέτησης πολιτών - επιχειρήσεων στο πλαίσιο της ηλεκτρονικής διακυβέρνησης (e-government), η ΓΓΠΣ ανταποκρίθηκε άμεσα και συμμετείχε με την πρόταση "TAXISnet - ηλεκτρονικές υπηρεσίες φορολογίας για πολίτες και επιχειρήσεις στην Ελλάδα". Η πρόταση αξιολογήθηκε για την υψηλή της ποιότητα και ήταν μία από τις 60 προτάσεις που παρουσιάστηκαν στην έκθεση και στο συνέδριο (οι υποβληθείσες προτάσεις για αξιολόγηση ανέρχονταν σε 282).

Η εκδήλωση "eGovernment: From Policy to Practice" επικεντρώθηκε σε υφιστάμενες υπηρεσίες ηλεκτρονικής διακυβέρνησης σε εθνικό, περιφερειακό και τοπικό επίπεδο. Ιδιαίτερο ενδιαφέρον παρουσίασε η απονομή του σήματος

ηλεκτρονικής διακυβέρνησης (eGovernment label) στις καλύτερες διαδραστικές ηλεκτρονικές δημόσιες υπηρεσίες που παρουσιάστηκαν στην έκθεση και στο συνέδριο. Επίσης, ανακοινώθηκε ο διαγωνισμός "Βραβεία eEurope για την καινοτομία στην ηλεκτρονική διακυβέρνηση", τα οποία θα απονεμηθούν στις καλύτερες online υπηρεσίες κυβερνητικών φορέων από όλη την Ευρώπη, στο τέλος του 2002. Σημειώνεται ότι τα τελευταία χρόνια, η ΓΓΠΣ συμμετέχει με προτάσεις σε ευρωπαϊκά προγράμματα και φιλοδοξεί να προβάλλει τις καινοτομίες που λειτουργούν παραγωγικά και εξυπηρετούν μέσω Διαδικτύου δεκάδες χιλιάδες πολίτες και επιχειρήσεις. Σύμφωνα με στατιστικά στοιχεία, 105.000 πολίτες - επιχειρήσεις χρησιμοποιούν ήδη την ηλεκτρονική υπηρεσία υποβολής δηλώσεων ΦΠΑ, έχουν υποβάλλει περισσότερες από 250.000 δηλώσεις και το χρεωστικό ποσό υπερβαίνει τα 100 δισ. δρχ.

### @ Διευθύνσεις στο Διαδίκτυο

Γενική Γραμματεία Πληροφοριακών Συστημάτων:

<http://www.gsis.gov.gr/>

Συνέδριο "eGovernment: from policy to practice"

[http://europa.eu.int/information\\_society/europe/egovconf/index\\_en.htm](http://europa.eu.int/information_society/europe/egovconf/index_en.htm)

## SME Techweb

### Ένας δικτυακός κόμβος για καινοτόμες Μικρομεσαίες Επιχειρήσεις

**Έ**νας νέος δικτυακός κόμβος με όλες τις πληροφορίες που αφορούν την ευρωπαϊκή έρευνα και τις μικρομεσαίες επιχειρήσεις, διατίθεται από την CORDIS (Κοινοτική Υπηρεσία Πληροφόρησης σε θέματα Έρευνας & Τεχνολογικής Ανάπτυξης) από τις 30 Οκτωβρίου 2001.

Ο κόμβος απευθύνεται σε μικρομεσαίες επιχειρήσεις (ΜΜΕ) - επιχειρήσεις με λιγότερους από 250 υπαλλήλους - που δραστηριοποιούνται στον τομέα της τεχνολογίας και επιθυμούν να καινοτομήσουν σε ανταγωνιστικό διεθνές περιβάλλον. Είναι ιδιαίτερα σημαντικός για ΜΜΕ που έχουν υποβάλλει ή προτίθενται να υποβάλλουν προτάσεις στο ειδικό πρόγραμμα για ΜΜΕ του 5ου Προγράμματος Πλαισίου E&TA της Ευρωπαϊκής Ένωσης.

Ο κόμβος, ο οποίος είναι ιδιαίτερα φιλικός προς το χρήστη και περιέχει πολλές χρήσιμες πληροφορίες, απευθύνεται σε όλα τα στελέχη των ΜΜΕ που επιθυμούν να επωφεληθούν από την ερευνητική δραστηριότητα που αναπτύσσεται στην Ευρωπαϊκή Ένωση.

Ο κόμβος περιλαμβάνει τις ακόλουθες βασικές ενότητες: "Από την ιδέα στο αποτέλεσμα", "Υποστήριξη", "Εμπειρία και αποτελέσματα", "Οικονομική και Τεχνολογική Ευφυΐα", "Συλλογική έρευνα", "Άλλες πηγές υποστήριξης", "ΜΜΕ στον Ευρωπαϊκό Χώρο Έρευνας", "Νέα και Εκδηλώσεις".

### @ Διεύθυνση στο Διαδίκτυο

SME TechWeb: <http://www.cordis.lu/sme>





## Υπηρεσία Διαχειριζόμενης Χωρητικότητας (MBS) από το ΕΔΕΤ για την Έρευνα και την Εκπαίδευση

**Τ**ο Εθνικό Δίκτυο Έρευνας και Τεχνολογίας (ΕΔΕΤ-GRNET) σε συνεργασία με τα Ακαδημαϊκά και Ερευνητικά Δίκτυα της Ευρωπαϊκής Ένωσης και του Πανευρωπαϊκού Ακαδημαϊκού και Ερευνητικού Δικτύου GEANT δημιούργησε και λειτουργεί την Υπηρεσία Διαχειριζόμενης Χωρητικότητας (Managed Bandwidth Services - MBS). Η υπηρεσία αυτή δημιουργήθηκε για την παροχή διασύνδεσης υψηλών προδιαγραφών μέσω Internet, με στόχο την υποστήριξη προγραμμάτων Έρευνας και Τεχνολογικής Ανάπτυξης σε εργαστήρια ερευνητικών κέντρων των ΑΕΙ / ΤΕΙ και ερευνητικών τμημάτων της βιομηχανίας.

Για τη λειτουργία της υπηρεσίας MBS δεσμεύεται και διατίθεται ένα κομμάτι από τη διαθέσιμη χωρητικότητα του δικτύου κορμού. Η παραπάνω δέσμευση χωρητικότητας γίνεται υπό μορφή δημιουργίας συνδέσεων μεταξύ διαφόρων κόμβων του δικτύου κορμού και της δικτυακής υποδομής των επιμέρους ακαδημαϊκών και ερευνητικών κέντρων, καθώς επίσης και μεταξύ ενός κόμβου του δικτύου του ΕΔΕΤ και ενός κόμβου εκτός Ελλάδας μέσω του Πανευρωπαϊκού Ακαδημαϊκού Δικτύου TEN-155 και παρέχεται χωρίς χρέωση.

Η ερευνητική και εκπαιδευτική κοινότητα, τόσο στην Ελλάδα όσο και στην Ευρώπη, χρησιμοποιεί ολοένα και περισσότερο υπηρεσίες πολυμέσων για την υλοποίηση των ερευνητικών προγραμμάτων της, οι οποίες απαιτούν υψηλή ποιότητα υπηρεσιών και δεν καλύπτονται από τα δίκτυα IP. Η Υπηρεσία Διαχειριζόμενης Χωρητικότητας προσφέρει την υποδομή για την υλοποίηση προηγμένων μορφών ηλεκτρονικής διδασκαλίας από απόσταση καθώς και τηλεδιάσκεψης,

επιτρέποντας την αλληλεπίδραση εκπαιδευτών και εκπαιδευόμενων από διαφορετικά μέρη της Ελλάδας, αλλά και την επικοινωνία μεταξύ εκπαιδευτικών και ερευνητικών ιδρυμάτων της Ελλάδας με αντίστοιχα ιδρύματα της Ευρωπαϊκής Ένωσης.

Η αλληλεπίδραση αυτή πραγματοποιείται σε “πραγματικό χρόνο” και κατά τη διάρκειά της οι δυο πλευρές μπορούν να ανταλλάσσουν απόψεις αλλά και εκπαιδευτικό υλικό. Η τηλεκπαίδευση προσφέρει στην εκπαιδευτική διαδικασία την αμεσότητα της επαφής του διδάσκοντα με τους εκπαιδευόμενους, ενώ η χρήση της υπηρεσίας MBS εξασφαλίζει υψηλών προδιαγραφών και αδιάλειπτη επικοινωνία μέσω του Διαδικτύου.

Η διαδικασία που απαιτείται για την υλοποίηση διασύνδεσης με χρήση του MBS είναι απλή. Ο ενδιαφερόμενος καθηγητής συμπληρώνει μία αίτηση την οποία υποβάλλει στο Κέντρο Δικτύων του ιδρύματός του και η οποία περιλαμβάνει στοιχεία για την επιθυμητή διασύνδεση, όπως το είδος σύνδεσης, την απαιτούμενη χωρητικότητα προς δέσμευση, τη χρονική διάρκεια της διασύνδεσης (η οποία μπορεί να είναι από 5 ημέρες έως 2 μήνες), κ.λπ. Όλα τα στοιχεία της σύνδεσης αποστέλλονται στη συνέχεια μέσω e-mail στο ΕΔΕΤ το οποίο και υλοποιεί όλες τις απαραίτητες διαδικασίες για την τελική σύνδεση.

### @ Διευθύνσεις στο Διαδίκτυο

Εθνικό Δίκτυο Έρευνας και Τεχνολογίας:  
<http://www.gnet.gr>

## Προκήρυξη Βραβείων ΕΒΕΑ για φοιτητές και μαθητές

**Τ**ο Εμπορικό και Βιομηχανικό Επιμελητήριο Αθηνών (ΕΒΕΑ) προκήρυξε Πανελλήνιο Διαγωνισμό δοκιμίου με θέμα: “Η περιβαλλοντολογική προστασία φρένο ή μοχλός ανάπτυξης; Σύγχρονη πρόκληση για τις επιχειρήσεις”. Δικαίωμα συμμετοχής έχουν οι προπτυχιακοί φοιτητές και σπουδαστές της Τριτοβάθμιας Εκπαίδευσης όλων των κλάδων. Κάθε εργασία δεν πρέπει να υπερβαίνει τις 20 δακτυλογραφημένες σελίδες Α4 (συμπεριλαμβανομένης και της σχετικής βιβλιογραφίας) και πρέπει να υποβληθεί σε τρία αντίγραφα, μέχρι και την 1η Μαρτίου 2002 στο ΕΒΕΑ.

Θα απονεμηθούν τρία χρηματικά βραβεία: 500.000, 300.000 και 200.000 δρχ. αντίστοιχα.

Η απονομή των βραβείων θα γίνει σε επίσημη τελετή, τον Ιούνιο του 2002.

### Πληροφορίες:

ΕΒΕΑ, Ακαδημίας 7, 10671 Αθήνα,  
 κα Β.Κοτσινοπού,  
 Τηλ: 010 3622158, 3382176,  
 fax: 010 3612218  
<http://www.accig.gr>

## Εκδηλώσεις στην Ελλάδα

1ο Διεθνές Συνέδριο "Διαχείριση Στερεών Αποβλήτων και Βιώσιμη Ανάπτυξη στον 21ο Αιώνα"

**Τόπος:** Αθήνα  
**Ημερομηνία:** 21 - 23 Φεβρουαρίου 2002  
**Διοργάνωση:** Ελληνική Εταιρεία Διαχείρισης Στερεών Αποβλήτων (ΕΕΔΣΑ)  
**Πληροφορίες:** Γραμματεία ΕΕΔΣΑ (Α. Κουσκούρης), Οργανωτική Επιτροπή (Αδ. Σκορδιλής)  
**Τηλ.:** 01 8627598, 8654950  
**e-mail:** akousk@epem.gr, askor@tee.gr  
<http://eedsa.duth.gr>

1ο Συνέδριο με θέμα "Πρόσφατες εξελίξεις της έρευνας στον τομέα των μεταφορών"

**Τόπος:** Αθήνα  
**Ημερομηνία:** 21 - 22 Φεβρουαρίου 2002  
**Διοργάνωση:** Σύλλογος Ελλήνων Συγκοινωνιολόγων (ΣΕΣ) και το Ελληνικό Ινστιτούτο Μεταφορών (ΙΜΕΤ)  
**Πληροφορίες:** Σύλλογος Ελλήνων Συγκοινωνιολόγων  
**Τηλ.:** 01 7721280, 6792052  
**Fax:** 01 7721237, 6726126  
**e-mail:** mgk@central.ntua.gr, adeloukas@ametro.gr

Β' Πανελλήνιο Συνέδριο της Hellas Gis (Ελληνική Εταιρεία Γεωγραφικών Συστημάτων Πληροφοριών)

**Τόπος:** Αθήνα  
**Ημερομηνία:** 28 Φεβρουαρίου - 1 Μαρτίου 2002  
**Διοργάνωση:** Ελληνική Εταιρεία Γεωγραφικών Συστημάτων Πληροφοριών  
**Επικοινωνία:** Γραμματεία Συνεδρίου Hellas Gis  
**Τηλ.:** 010 6446776, 6445718 **Fax:** 010 6447039  
**e-mail:** hellasgis@otenet.gr

Διεθνές Συνέδριο "Ολοκληρωμένη διαχείριση του νερού - Το κλειδί για την αειφορία των υδάτινων πόρων"

**Τόπος:** Αθήνα  
**Ημερομηνία:** 21 - 22 Μαρτίου 2002  
**Διοργάνωση:** Εταιρεία Ύδρευσης και Αποχέτευσης Πρωτεύουσας (ΕΥΔΑΠ)  
**Πληροφορίες:** Γραμματεία Συνεδρίου - Διεύθυνση Δημοσίων Σχέσεων ΕΥΔΑΠ  
**Τηλ.:** 01 2144183, 2144064, 2144092 **Fax:** 01 2144185  
**E-mail:** pubrel@eydap.gr, loukaki@eydap.gr  
<http://www.eydap.gr>

Συνέδριο για την ψηφιακή Αρχαιολογική κληρονομιά

**Τόπος:** Κρήτη (Ηράκλειο)  
**Ημερομηνία:** 2 - 6 Απριλίου 2002  
**Διοργάνωση:** Ινστιτούτο Πληροφορικής - Ίδρυμα Τεχνολογίας και Έρευνας  
**Πληροφορίες:** Γραμματεία Συνεδρίου  
**Τηλ.:** 081 391910/13 **Fax:** 081 391915  
**E-mail:** caa2002@ics.forth.gr, mitos@stepc.gr  
<http://www.ics.forth.gr/bekiari/caa2002/>

Euro PVM/MPI 2002 (Parallel Virtual Machine/Message Passing Interface)

**Τόπος:** Σαντορίνη  
**Ημερομηνία:** 17 - 20 Απριλίου 2002  
**Διοργάνωση:** Πανεπιστήμιο Tennessee (USA), Πανεπιστήμιο Αθηνών  
**Πληροφορίες:** Γραμματεία Συνεδρίου (Ηλιότοπος ΑΕ)  
**Τηλ.:** 010 9884004 **Fax:** 010 9883059  
**E-mail:** conf@heliotos.net  
<http://www.heliotos.net>

## Διεθνείς Εκδηλώσεις

Ευρωπαϊκή Συνάντηση εργασίας με θέμα: "Benchmarking of SME 'go digital' strategies"

**Τόπος:** Βέλγιο  
**Ημερομηνία:** 21-22 Ιανουαρίου 2002  
**Διοργάνωση:** ΓΔ «Enterprise» της Ευρωπαϊκής Επιτροπής  
**Πληροφορίες:** κα. Lordana Eleftheriadou  
**e-mail:** lordana.eleftheriadou@cec.eu.int  
<http://www.ekt.gr/news/events/eu/17663.html>

Συνέδριο για την Ευρώπη, την καινοτομία και τις ΜΜΕ

**Τόπος:** Γαλλία  
**Ημερομηνία:** 23 Ιανουαρίου 2002  
**Διοργάνωση:** Institut des Sciences et Techniques de l'Ingenieur d'Angers  
**Πληροφορίες:** Miguel Battais  
**E-mail:** battaism@hotmail.com  
<http://www.ekt.gr/news/events/eu/17690.html>

Νέες εξελίξεις για τις Ψηφιακές Βιβλιοθήκες

**Τόπος:** Ισπανία  
**Ημερομηνία:** 2-3 Απριλίου 2002  
**Διοργάνωση:** ICEIS secretariat

**Πληροφορίες:** ICEIS Secretariat  
**Τηλ.:** +30 926 295 300 **Fax:** +30 926 255 354  
**e-mail:** w2-secretariat@iceis.org  
<http://www.iceis.org/>

PAXIS lines up innovative enterprises

**Τόπος:** Σουηδία  
**Ημερομηνία:** 8-9 Απριλίου 2002  
**Διοργάνωση:** Innovation Relay Center  
**Πληροφορίες:** Astrid Severin  
**Τηλ.:** +322 7140742 **Fax:** +322 7140762  
**e-mail:** astrid\_severin@saatchi.be  
<http://www.cordis.lu/paxis>

Ευρωπαϊκό Συνέδριο για «Βέλτιστες πρακτικές» για την προώθηση της ακαδημαϊκής επιχειρηματικότητας

**Τόπος:** Γερμανία  
**Ημερομηνία:** 24-26 Απριλίου 2002  
**Διοργάνωση:** Innovation Relay Center  
**Πληροφορίες:** Birgit Wirsing  
**Τηλ.:** +49 228 733 073 **Fax:** +49 228 731 982  
**e-mail:** wirsing@uni-bonn.de  
<http://www.usine.uni-bonn.de/use-it>

Για τον πλήρη κατάλογο των εκδηλώσεων - συνεδρίων στην Ελλάδα και την Ευρώπη ενημερωθείτε στη διεύθυνση: <http://www.ekt.gr>



ΕΛΛΗΝΙΚΟ ΚΕΝΤΡΟ ΑΝΑΔΙΑΝΟΜΗΣ ΚΑΙΝΟΤΟΜΙΑΣ  
ΕΚΤ, Λ. Βασ. Κωνσταντίνου 48, 116 35 Αθήνα,  
Τηλ.: 010 72.73.903, Fax: 010 72.46.824,  
e-mail: hirc@ekt.gr, URL: <http://www.hirc.gr>



# Δελτίο/ FAX

Πληροφορίες για καταχωρήσεις αναζήτησης συνεργασιών

## Από:

Ημερομηνία: .....

Επώνυμο/ Όνομα: .....

Οργανισμός/Επιχείρηση: .....

Τμήμα: .....

Οδός/Αριθμός/ΤΘ: .....

ΤΚ.: Πόλη: .....

Τηλέφωνο: .....

Fax: .....

e-mail: .....

## Προς:

Ελληνικό Κέντρο Αναδιανομής Καινοτομίας

ΕΚΤ, Βασ. Κων/νου 48, 116 35 Αθήνα,

Τηλ: 010 7273 903, κα. Κ. Μαλιακρίδα

Fax: 010 7246 824, e-mail: [hircpart@ekt.gr](mailto:hircpart@ekt.gr)

Θα επιθυμούσα να μου στείλετε περισσότερες πληροφορίες (με fax, e-mail) σχετικά με τις παρακάτω καταχωρήσεις για ΑΝΑΖΗΤΗΣΗ ΣΥΝΕΡΓΑΣΙΩΝ:

Κωδικός καταχώρησης

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Τις καταχωρήσεις του ΕΚΤ στη διεύθυνση: <http://www.hirc.gr>.



# ΚΑΙΝΟΤΟΜΙΑ

## ΕΡΕΥΝΑ ΤΕΧΝΟΛΟΓΙΑ

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Αχιλλέως 96, 175 63 Π. Φάληρο,  
Τηλ.: 010 9850506 - 010 9859232, fax: 010 9851 516,  
e-mail: eant@ath.forthnet.gr, URL: <http://www.forthnet.gr/martedec>

#### ΕΒΕΤΑΜ Α.Ε.

Α' Βιομ. Περιοχή Βόλου, 385 00 Βόλος,  
Τηλ.: 0421 95340, fax: 0421-95364,  
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#### ΕΚΕΡΥ Α.Ε.

72ο χλμ. Εθν. Οδού Αθηνών-Λαμίας, Τ.Θ. 146, 341 00 Χαλκίδα,  
Τηλ.: 0262-71226, 71811-15, fax: 0262-71461,  
e-mail: cereco@otenet.gr, URL: <http://www.ekepi.gr>

#### ΕΤΑΚΕΙ Α.Ε.

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Τηλ.: 010 9234 932, fax: 010 9235 603,  
e-mail: clotefi@etakei.gr, URL: <http://www.etakei.gr>

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6ο χλμ. Οδού Χαριλάου - Θέρμης, Τ.Θ. 328, 57 001 Θέρμη, Θεσσαλονίκη,  
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Ξενίας 16, 115 28 Αθήνα,  
Τηλ.: 010 7491295, fax: 010 7491312,  
e-mail: elspy@athens.eommex.gr, URL: <http://www.eommex.gr>

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67100 ΞΑΝΘΗ,  
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e-mail: liaison@lagos.ee.duth.gr

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