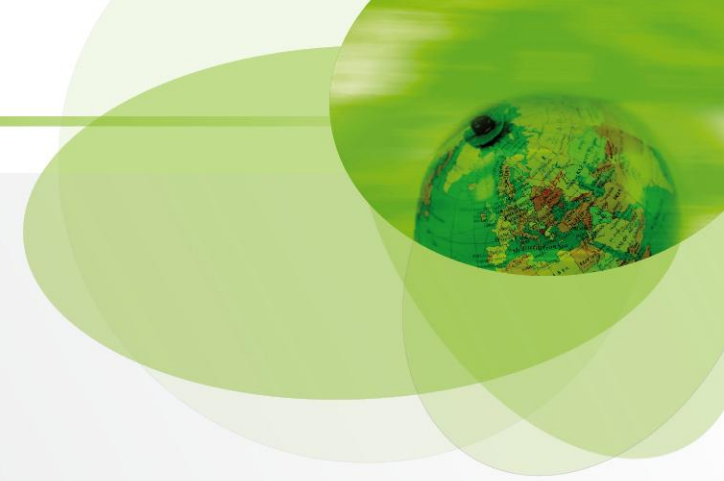


Achieving Impact
Socio-economic Sciences & Humanities (SSH) in Horizon
26-27 February 2014

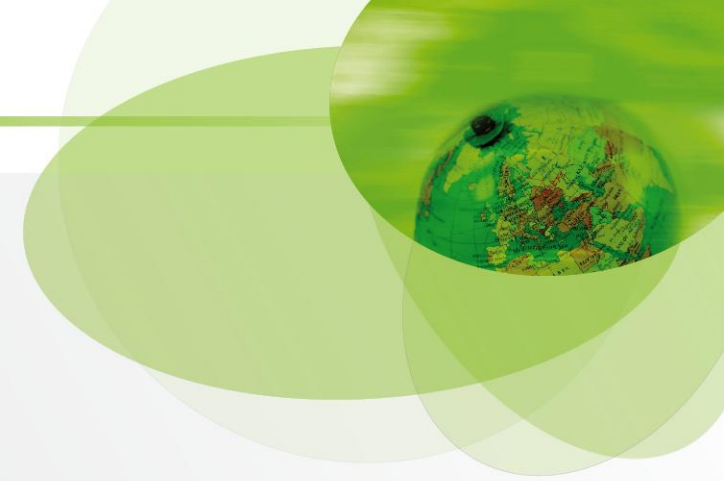
Horizon 2020: its role in the Europe 2020 Strategy & the Innovation Union

Roadmap



- EU 2020 Strategy – Aims and Objectives
- The Innovation Union
- Horizon 2020 – The Philosophy behind the Programme
- What does this mean for SSH?





EU 2020 ...

is a strategy „to turn the EU into a smart, sustainable and inclusive economy delivering high levels of employment, productivity and social cohesion...This is an agenda for all Member States, taking into account different needs, different starting points and national specifications, so as to promote growth for all“



Europe 2020 Strategy Architecture



Three priorities:

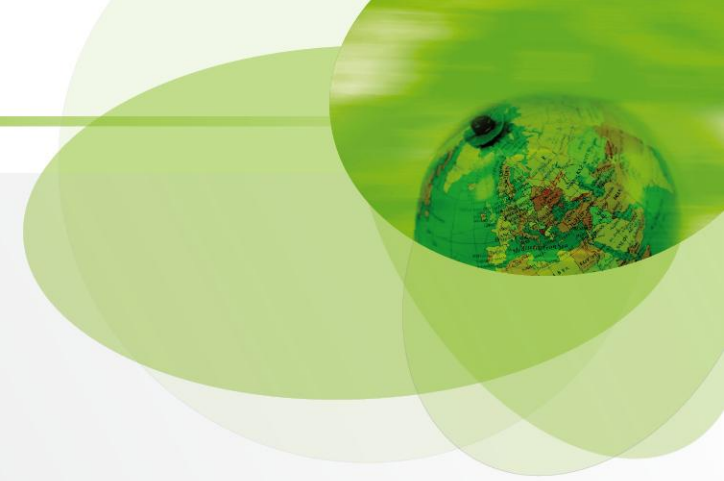
- Smart growth:** Development of an economy based on knowledge and innovation
- Sustainable growth:** promotion of an economy that is preserving resources, more ecological and more competitive
- Inclusive growth:** promotion of an economy with high employment and and high social and territorial cohesion

Three priorities → **five main targets:**

- 75% of the 20-64 year-olds to be employed
- 3% of the EU's GDP for R&D
- Attainment of the 20-20-20 Climate protection targets
- School drop-out rates below 10%, 40% of the 30-34 with 3rd level ed.
- 20 million fewer people in poverty

For implementation **seven Flagship Initiatives:**

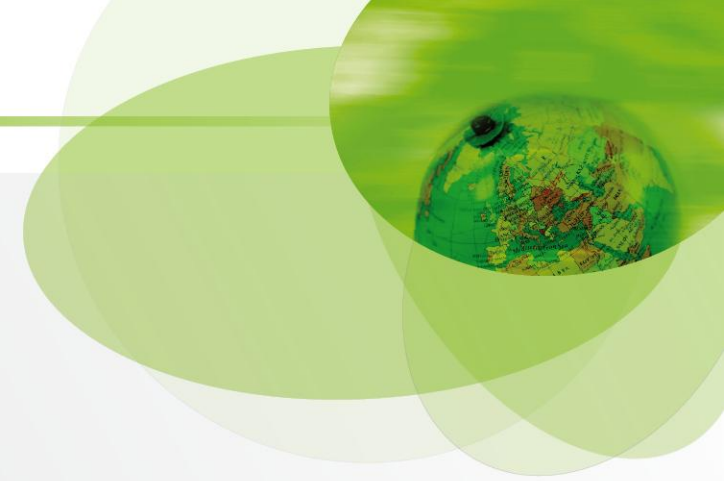
- Innovation Union**
- Youth on the move
- Digital Agenda for Europe
- Resource efficient Europe
- Industrial policy for the globalisation era
- An agenda for new skills and jobs
- European platform against poverty



Three mutually reinforcing Priorities:

1. Smart Growth: developing an economy based on knowledge and innovation.
2. Sustainable Growth: Promoting a more resource efficient, greener and competitive economy
3. Inclusive Growth: - fostering a high-employment economy delivering on social and territorial.





Five targets to be achieved by the European Union by 2020

- a 75% employment rate for the 20-64 age group;
- a 3% investment rate in Research and Development;
- 20/20/20 climate and energy targets (the reduction of greenhouse gas emissions by at least 20%, a share of final energy consumption coming from renewable energy sources increased to 20%, and an energy sufficiency of 20%);
- an improvement of education levels (a reduction of school drop-out rates, and an increased share of the population having completed tertiary or equivalent education);
- a promotion of social inclusion including a reduction of poverty.





Seven Flagship Initiatives

- Innovation Union**
- Youth on the Move
- Digital Agenda for Europe
- Resource efficient Europe
- Industrial Policy in a Globalisation Era
- Agenga for New Skills and Jobs
- European Platform against Poverty and Social Exclusion





5 EU Targets (employment, RTD percentage, 20/20/20 targets, education, poverty reduction)

EU integrated Guidelines

Stability and Growth Pact

Macro-economic Surveillance (EFIN Council)

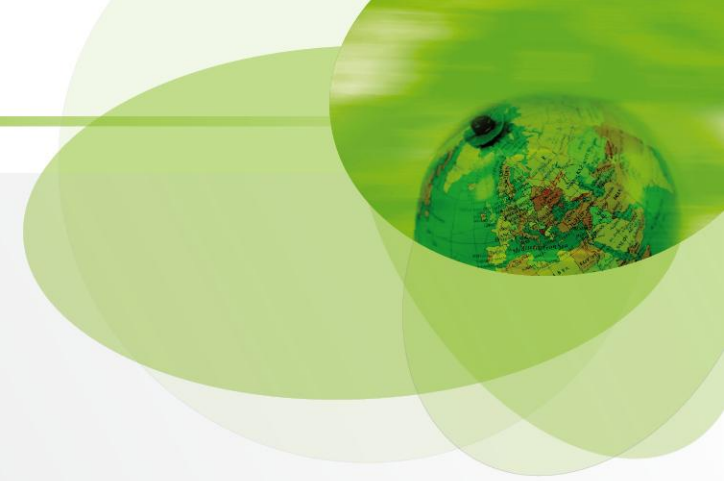
Thematic Coordination (structural reforms in innovation and R&D, education, business environment...)

Fiscal Surveillance

National Reform Programmes

Stability and Convergence Programmes



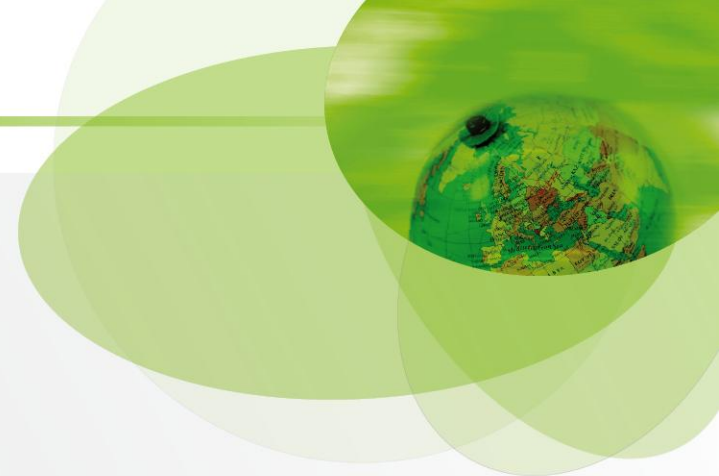


Monitoring EU 2020

Monitoring progress and ensuring the active involvement of EU countries are key elements of the strategy. This is done through the European Semester, an annual cycle of macro-economic, budgetary and structural policy coordination. The European semester starts in March of each year.

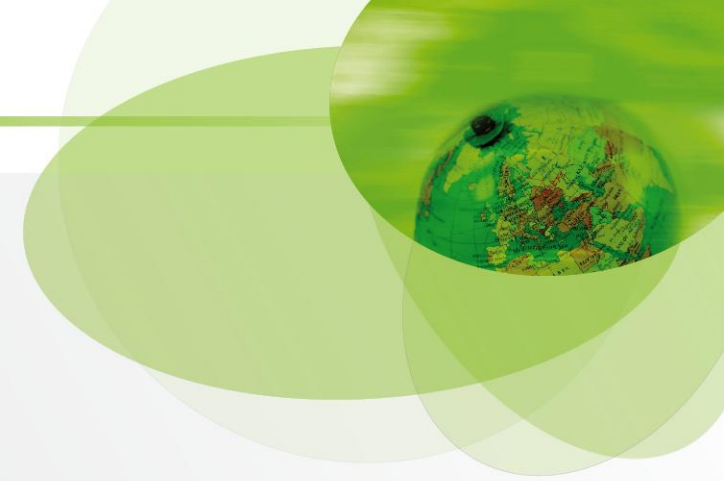
The EU 2020 Strategy will be reviewed in 2014!





Innovation Union



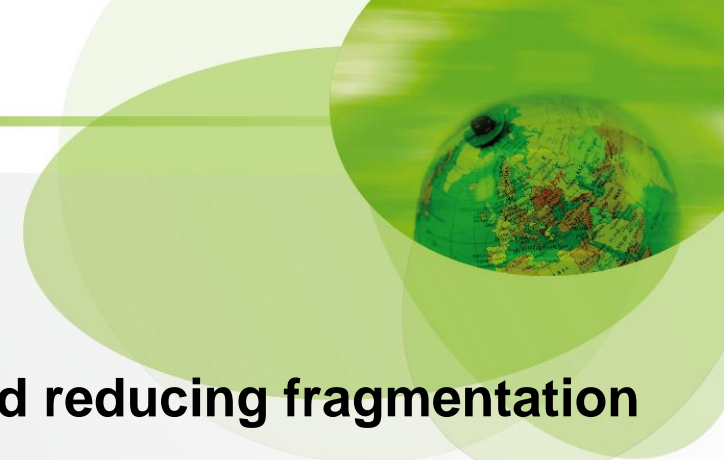


The Innovation Union Flagship

“The aim of this is to re-focus R&D and innovation policy on the challenges facing our society, such as climate change, energy and resource efficiency, health and demographic change. Every link should be strengthened in the innovation chain, from 'blue sky' research to commercialisation.”*

* The EU 2020 Strategy: <http://ec.europa.eu/eu2020/pdf/COMPLET%20EN%20BARROSO%20%20%20007%20-%20Europe%202020%20-%20EN%20version.pdf>

Innovation Union Architecture



1. Strengthening the knowledge base and reducing fragmentation

- Promoting excellence in education and skills development
 - Delivering the European Research Area (ERA)
- Focusing EU funding instruments on Innovation Union priorities
- Promoting the European Institute of Innovation and Technology (EIT)

2. Getting good ideas to the market

- Enhancing access to finance for innovative companies
 - Creating a single innovation market
- Promoting openness and capitalising on Europe's creative potential

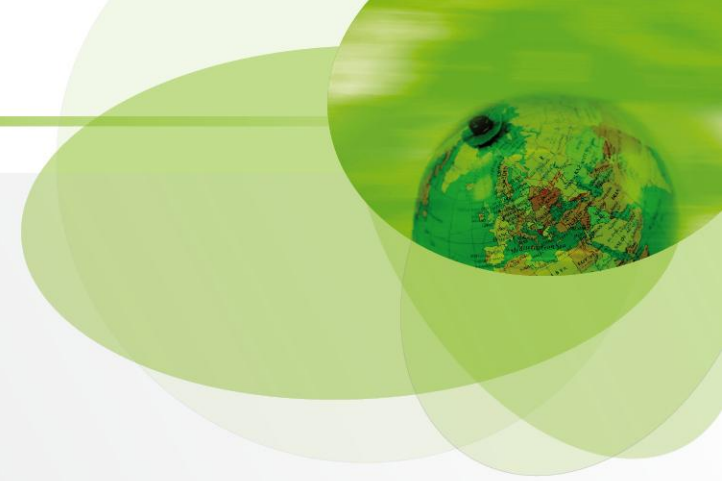
3. Maximising social and territorial cohesion

- Spreading the benefits of innovation across the Union
 - Increasing social benefits

4. Pooling forces to achieve breakthroughs: European Innovation Partnerships

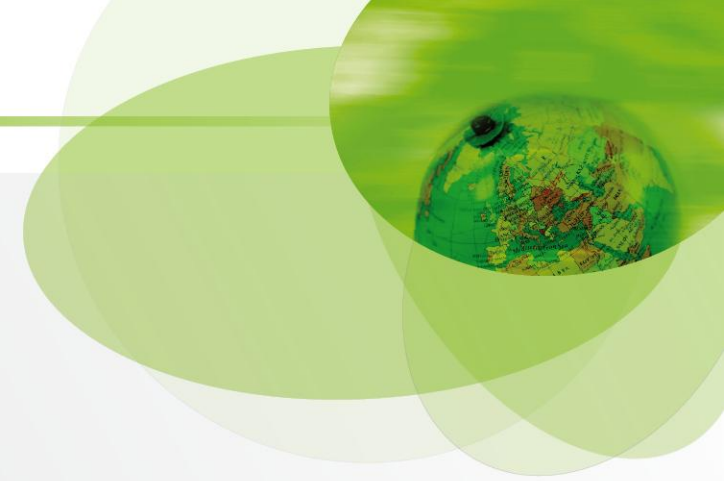
5. Leveraging EU policies externally





34 Measures taken up in 13 Chapters

1. Promoting excellence in education and skills development
2. Delivering the European Research Area
3. Focusing EU funding instruments on Innovation Union priorities
4. Promoting the European Institute of Innovation and Technology (EIT) as a model of innovation governance in Europe
5. Enhancing access to finance for innovative companies
6. Creating a single innovation market
7. Promoting openness and capitalising on Europe's creative potential
8. Spreading the benefits of innovation across the Union
9. Increasing social benefits
10. Pooling forces to achieve breakthroughs: European Innovation Partnerships
11. Leveraging our policies externally
12. Reforming research and innovation systems
13. Measuring Progress



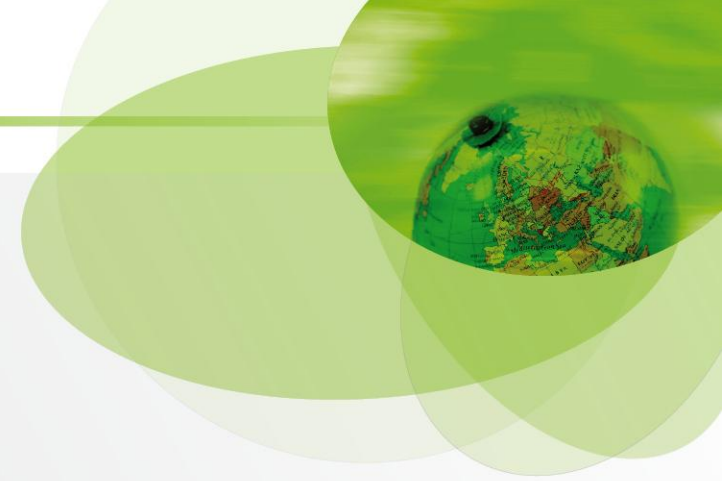
And what do the IU measures mean for research in practice? In the case of Social Innovation...

Chapter 9 - Increasing social benefits:

27. Starting in 2011, the Commission will support a substantial research programme on public sector and social innovation, looking at issues such as measurement and evaluation, financing and other barriers to scaling up and development. “

These projects were launched in the last round of FP7 and put Social Innovation on the EU research agenda



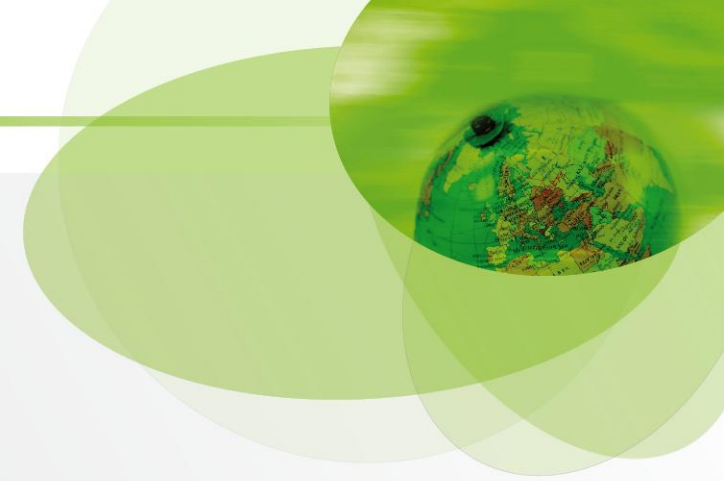


From Innovation Union to Horizon 2020!!!



Máire GEOGHEGAN-QUINN, EU-Commissioner for Research and Innovation

- “Horizon 2020 is a totally new type of research programme for the EU, and it is designed to deliver results that **make a difference in people's lives.**”
 - More than 70 Billion € over 7 years - the largest EU Research Programme ever - and one of the world's largest
 - 25 % more for research and innovation in comparison to FP 7
 - Engaging various stakeholders since the beginning of the consultation process 3 years ago
 - Bringing together basic and applied research, SMEs and big industry
- “... we know that research and innovation mean **growth and jobs**. From the beginning of our discussions three years ago on the next EU research programme, I was determined to get **better value for this public money**. It would have been wrong to ask for a bigger budget without also undertaking **radical reform of how research and innovation are financed at EU level.**”



HORIZON 2020

The structure which the EC proposed consists of three basic priorities:

1. Excellent Science

2. Industrial Leadership

3. Societal Challenges (Health, Demographic Change and Wellbeing, Marine and Mairne Research and the Bio-Economy, Secure, Clean and Efficient Energy; Smart, Green and Integrated Transport; Climate Action, Resource Efficiency and Raw Materials; Europe in a Changing World - Inclusive, Innovative and Reflective Societies; Secure Societies)

The new approach:

- Joining research and innovation in a single program (Framework Programme, CIP, EIT)
- Moving from industrial competition to societal challenges – taking **interdisciplinarity** a step further
- Simplifying the participation in the program for universities, companies, and other institutes **in all EU countries and beyond**



I. Scientific Excellence

II. Leading Role of Industry

III. Societal Challenges

Widening Participation

ERC

LEIT

Health, Demographic Change and Well-being

Science with and for Society

FET

Basic and industrial Technology, Nanotechnology, Materials, Biotechnology, Produktion, Space

Research and Innovation in the Bio-Economy

Marie Curie

Risk Financing

Energy

JRC

Research-infrastructures

Innovation in SMEs

Transport

Climate Action, Resource Efficiency and Raw Materials;

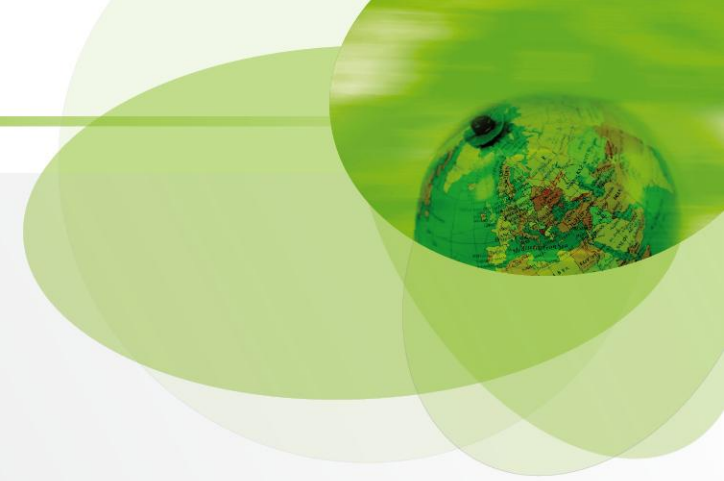
Europe in a Changing World - Inclusive, Innovative and Reflective Societies;

Secure Societies

EIT

SSH research is a horizontal activity in all 3 pillars !!!!

Bezeichnungen meist verkürzt



Horizon 2020 - The 7 Societal Challenges

1. Health, Demographic Change and Wellbeing,
2. Marine and Marine Research and the Bio-Economy,
3. Secure, Clean and Efficient Energy;
4. Smart, Green and Integrated Transport;
5. Climate Action, Resource Efficiency and Raw Materials;
6. ***Europe in a Changing World - Inclusive, Innovative and Reflective Societies;***
7. Secure Societies

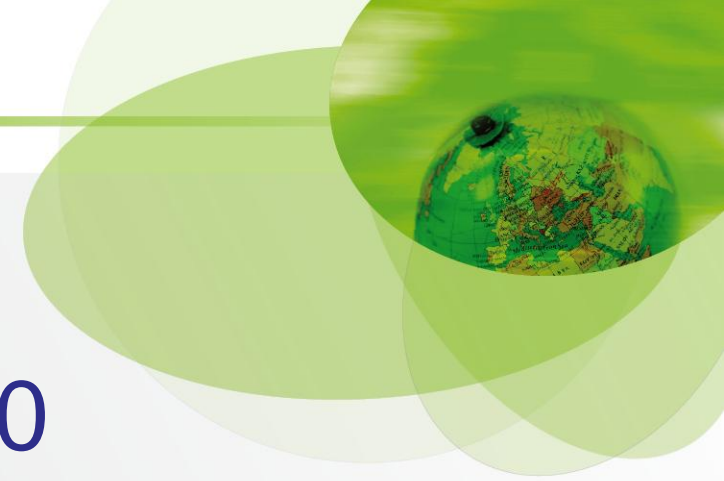




A strategic programming approach to develop the Work Programmes

- **Orientation towards European societal challenges:** research and innovation activities to increase the impact of the funding
- **Orientation towards EU political priorities:** Europe 2020 and emerging political issues of European relevance
- **Leitmotiv of the 2 years WP 2014-15:** *economic crisis and the path to sustainable growth*
 - => Focus area in Societal Challenge 6: "**Overcoming the crisis: new ideas, strategies and governance structures for Europe**"





SSH in Horizon 2020

- "Social sciences and humanities (SSH) research will be **fully integrated into each of the general objectives of Horizon 2020.**" (Horizon 2020 regulation)
- "In relation to the societal challenges, SSH is mainstreamed as an important element of the activities to tackle each of them in order to enhance their impact." (Work Programme SC 6 "Europe in a Changing World – inclusive, innovative and reflective societies")



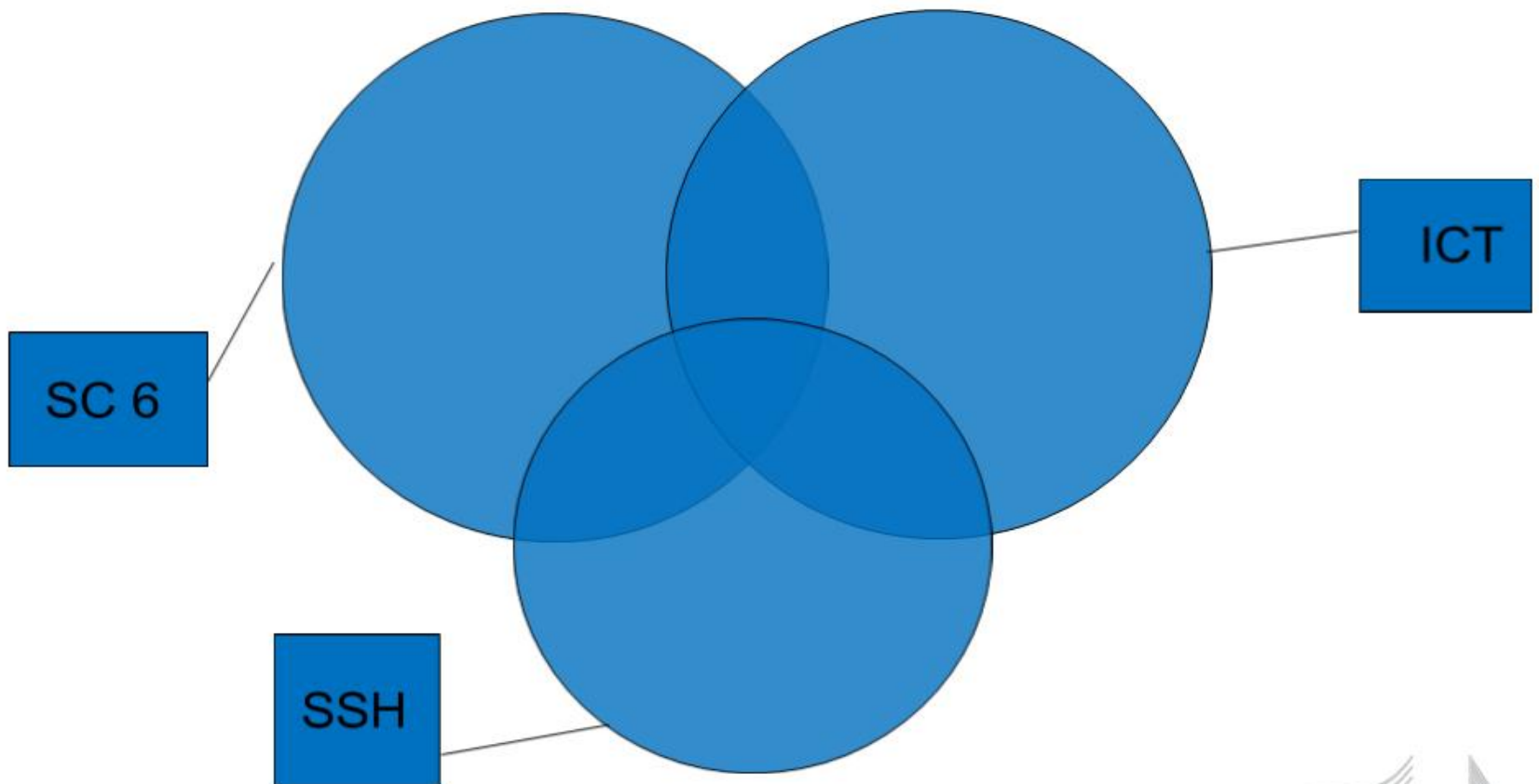


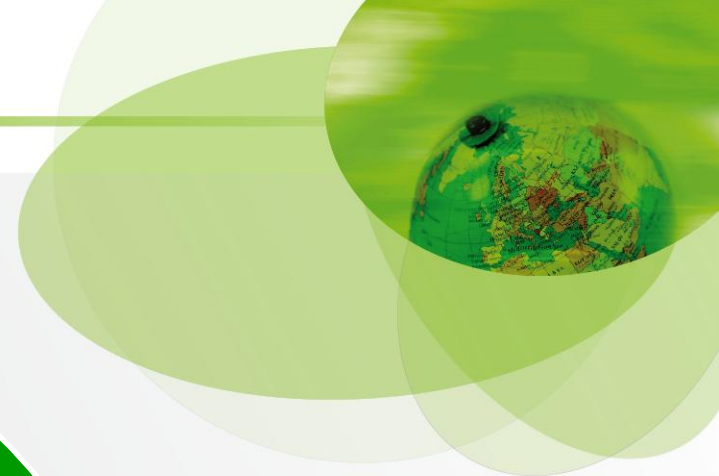
Integrating SSH: two approaches

- **General Integration:** All **Societal Challenges**, **LEIT** and activities under **Excellent Science** are generally open to SSH contributions in all their lines of activity and thus favour 'integrating SSH' as genuine interdisciplinarity ('integrating in the research problem').
- **Dedicated Integration:** In some Societal Challenges and parts of LEIT a specific SSH line of activity called 'the socio-economic dimension of...' is delineated, i.e. requires SSH research.

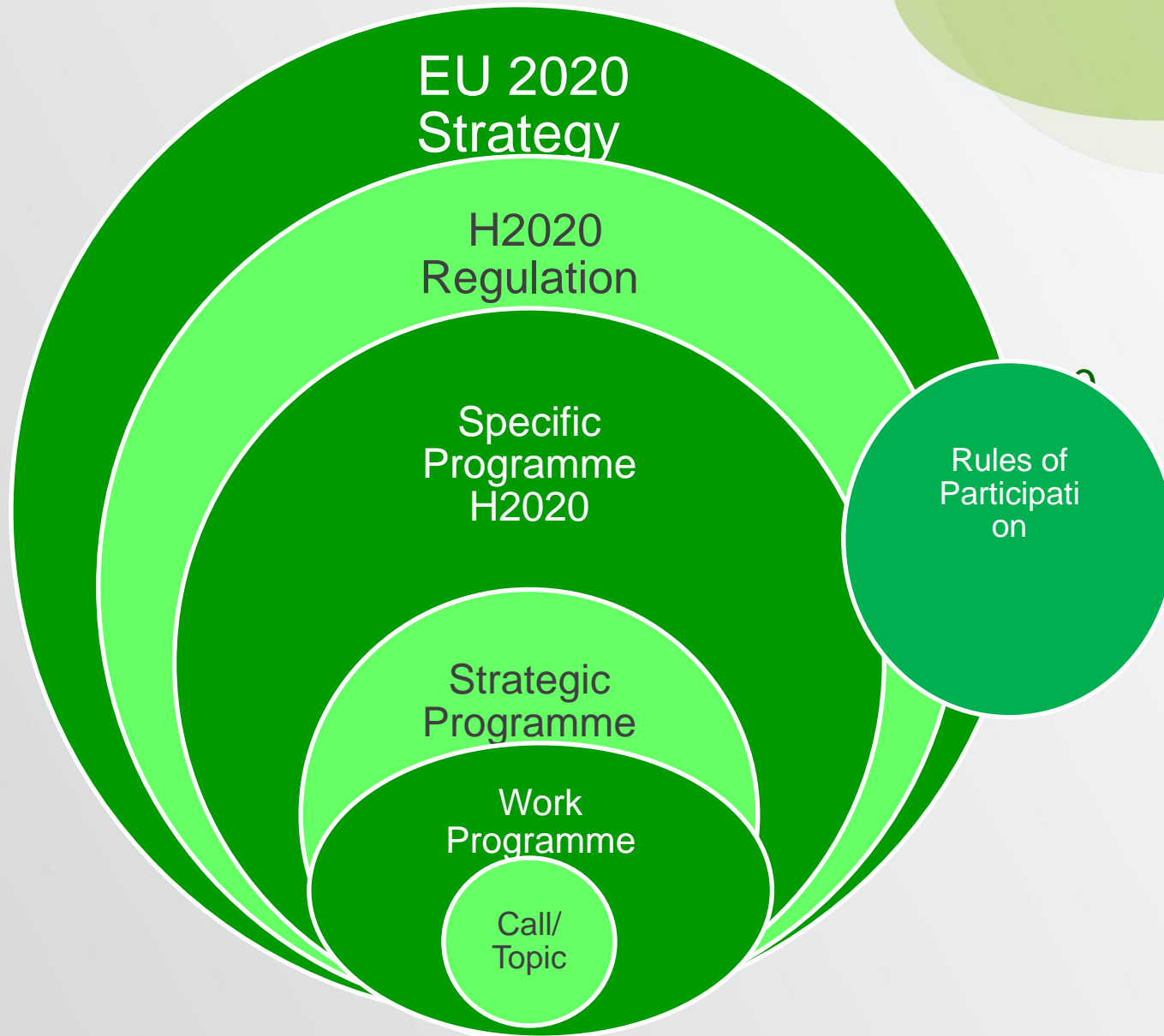


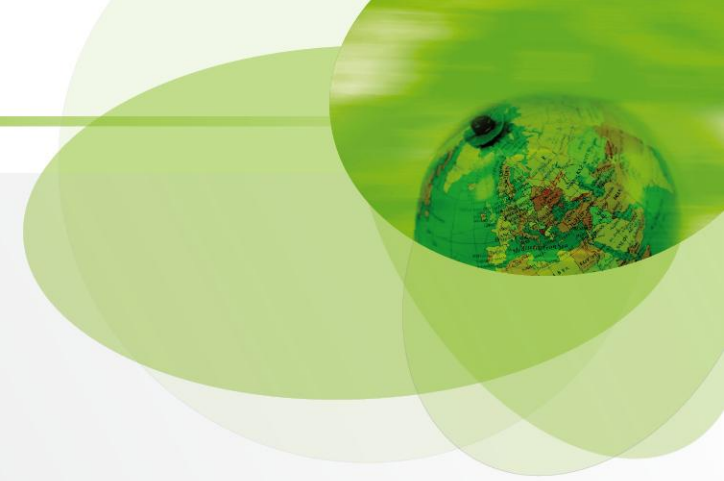
There is a need for SSH expertise well beyond SC 6 and notably in all ICT-related topics.





....And it all comes Together in Resarch!!!





Contact

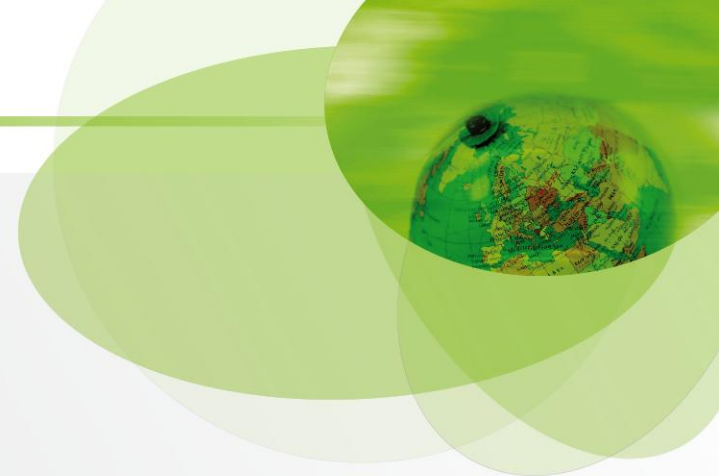
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Thank You for Your Attention!

