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EKT's Roadmap on Research Information Management in Greece

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National Hellenic Research
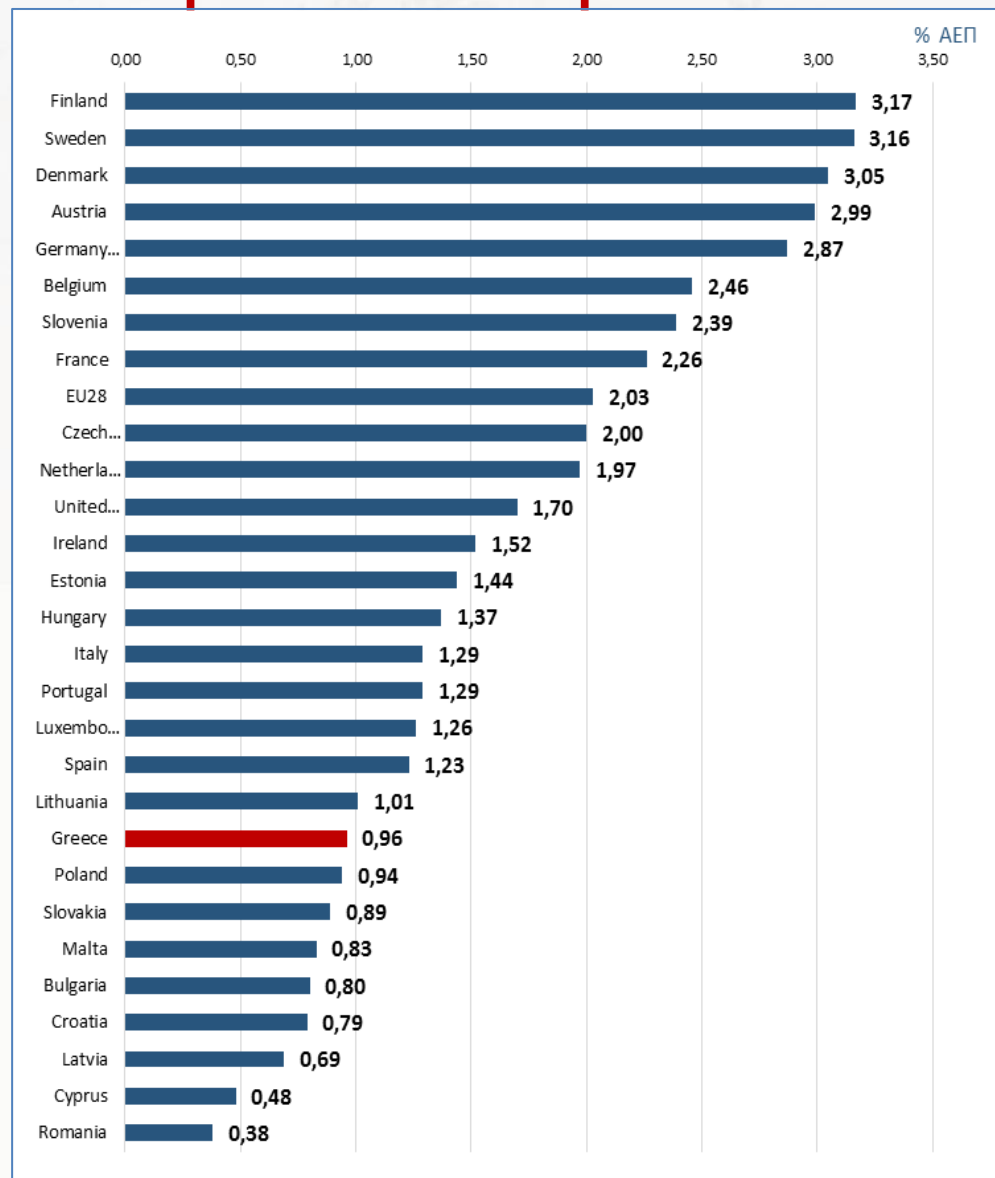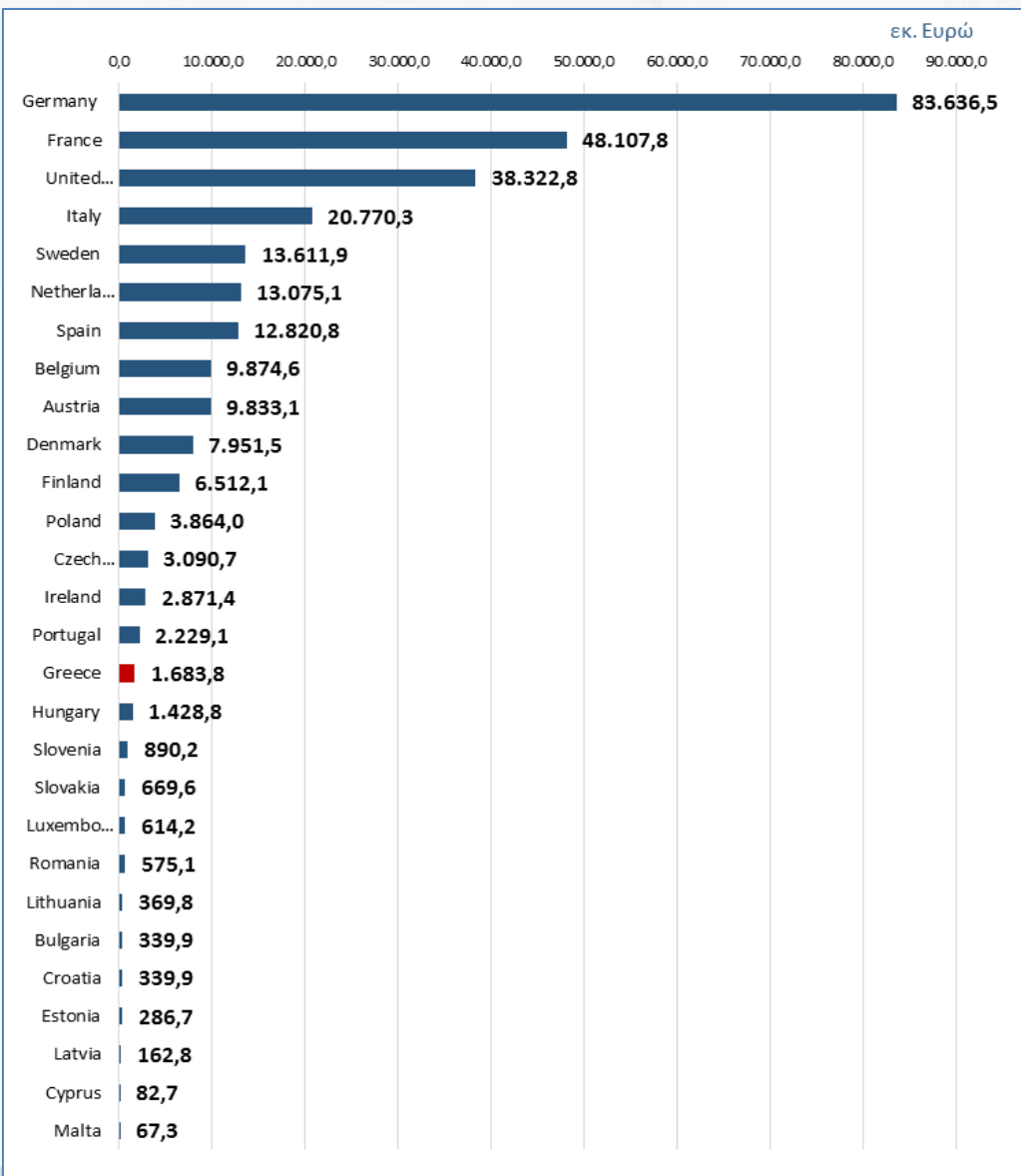Foundation, Greece**

Outline

- Overview of the Greek research ecosystem and metrics
- Current CRIS infrastructure in Greece
- Greek R&D Projects & Funds System as CRIS
- Greek R&D Statistics Management System as CRIS
- Greek CRIS Infrastructure – Next Steps

Greece Research Metrics - Identity

- R&D Intensity (R&D Expenditure as % GDP): 0.96
- Intramural R&D Expenditure (million EUR): 1,683.8
- R&D Personnel (Full-time equivalent): 50,512.2
- Researchers (Full-time equivalent): 35,068.7

- Source: "Research & Development Expenditure and Personnel in Greece in 2015", National Documentation Centre, 2016
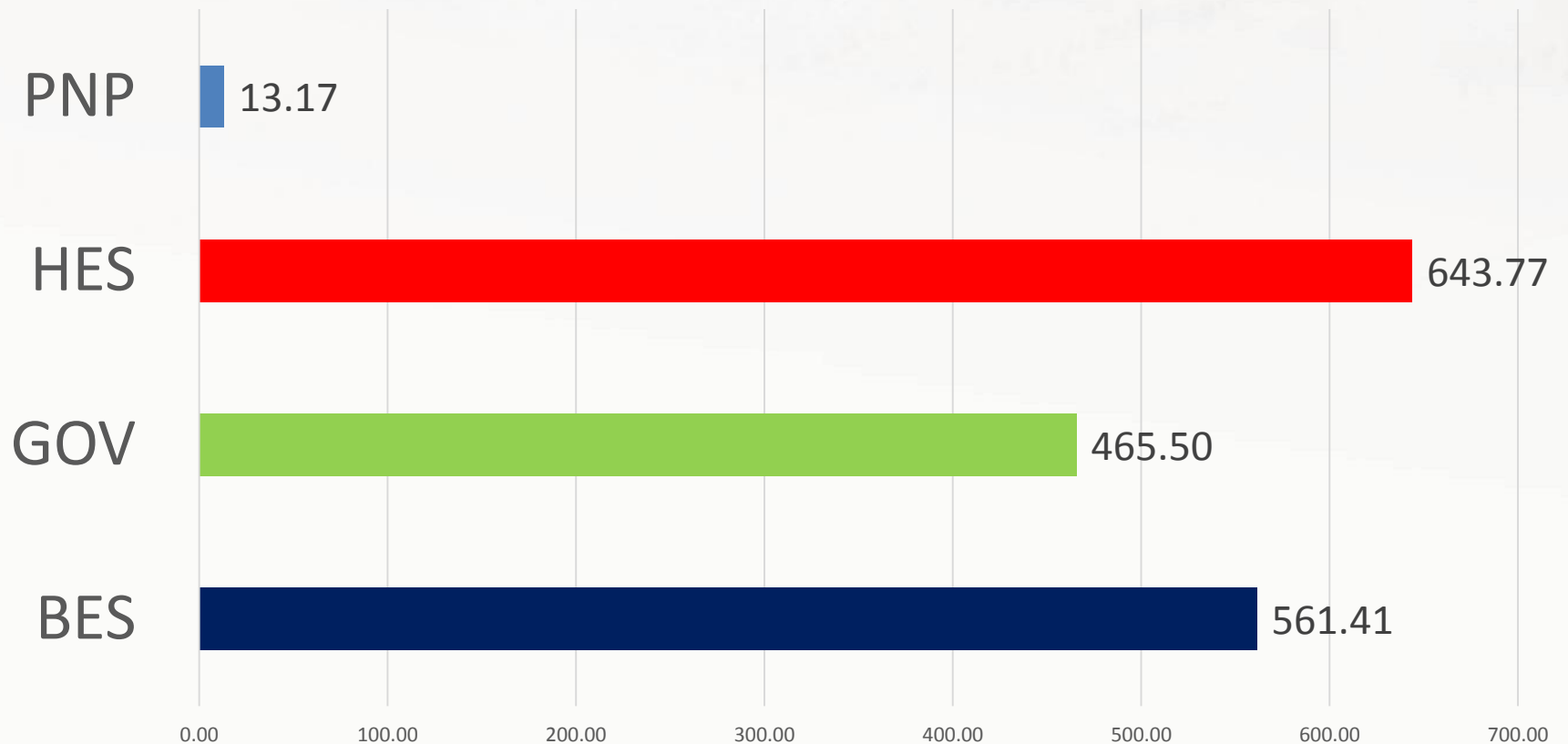
Greece Research Metrics–European Comparison
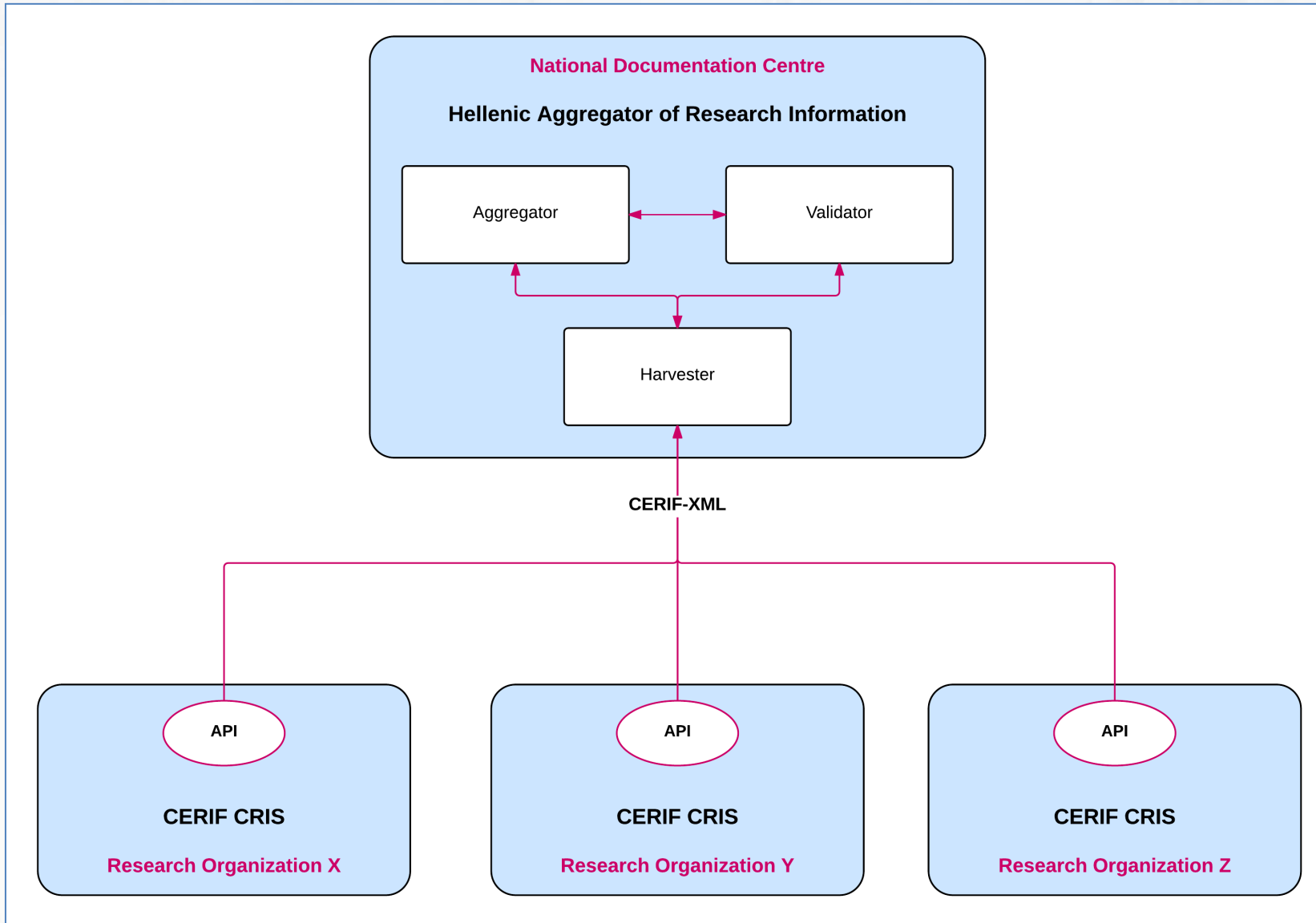
Greece Research Metrics - Sector Distribution

Figure 2.1: R&D expenditure (in million EUR) by sector of performance, 2015

PNP — 13.17
HES — 643.77
GOV — 465.50
BES — 561.41

Greek CRIS infrastructure – current state
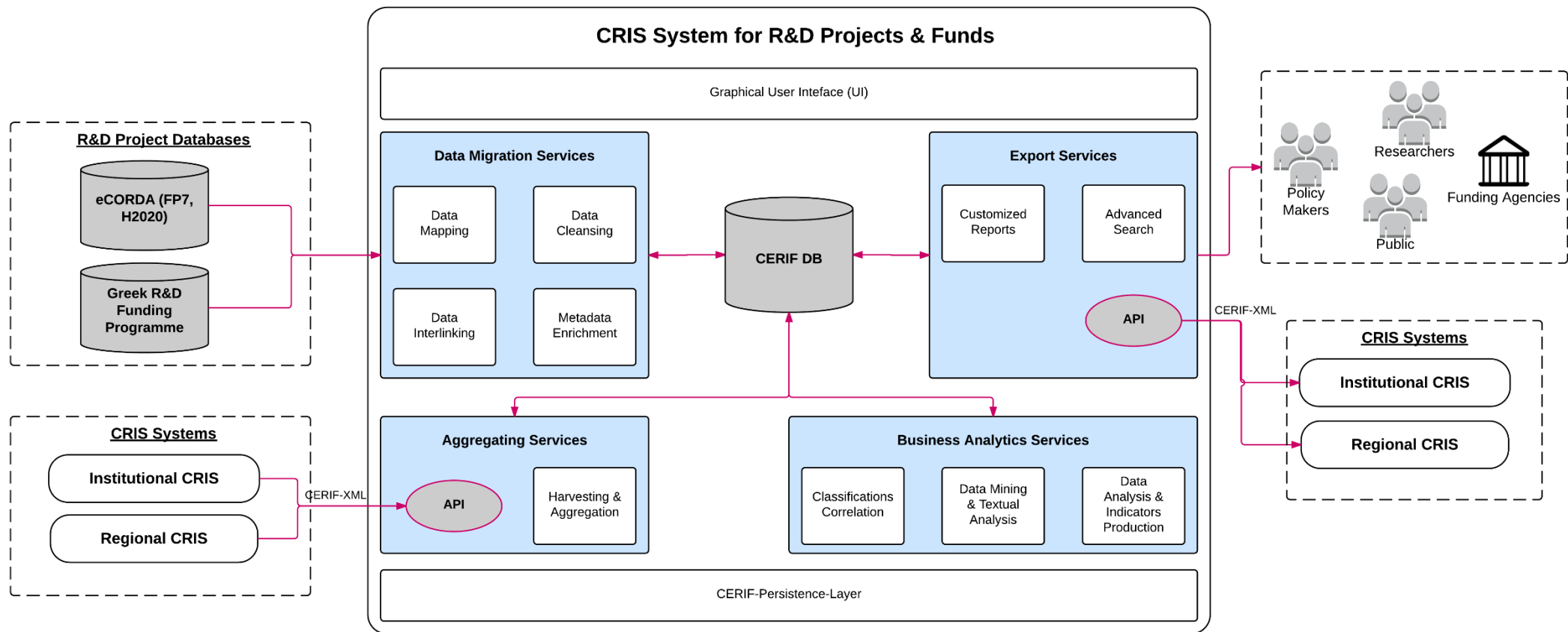
Greek CRIS infrastructure – current state

- Each organization operates its own institutional CRIS system
  - Policies, procedures and workflows at the institutional level
- All institutional CRIS systems are based on the same CRIS software platform
- CRIS software developed by EKT (CERIF CRIS)
- A central aggregator will provide a unified point of access to the entire information
- CERIF XML/REST is used for interoperability

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Greek R&D Projects & Funds System as CRIS

- Compiled a national registry of R&D Projects based on CERIF standard
  - EC and Greek funded R&D projects included
  - Projects from other funding schemes are managed as well

- Scope
  - Act as the National Registry of R&D projects providing knowledge to policy makers, researchers, businesses and the public
  - Provide smart search capabilities to businesses and researchers to collaborate
  - Used for benchmarking the collected micro-data for the national R&D statistics survey
  - Act as a data hub for automated data retrieval/submission from/to the institutional CRISs
  - Customized reporting for internal and/or external demands

- Data Entities involved
  - Projects, Funding Schemes, Organisations (Funders + R&D Performers), Products
  - Classifications (e.g. FOS, NABS, project types, organisation types, regional metadata, NACE etc.)
  - R&D Indicators (e.g. national R&D expenditure & personnel)

Greek R&D Projects & Funds System as CRIS

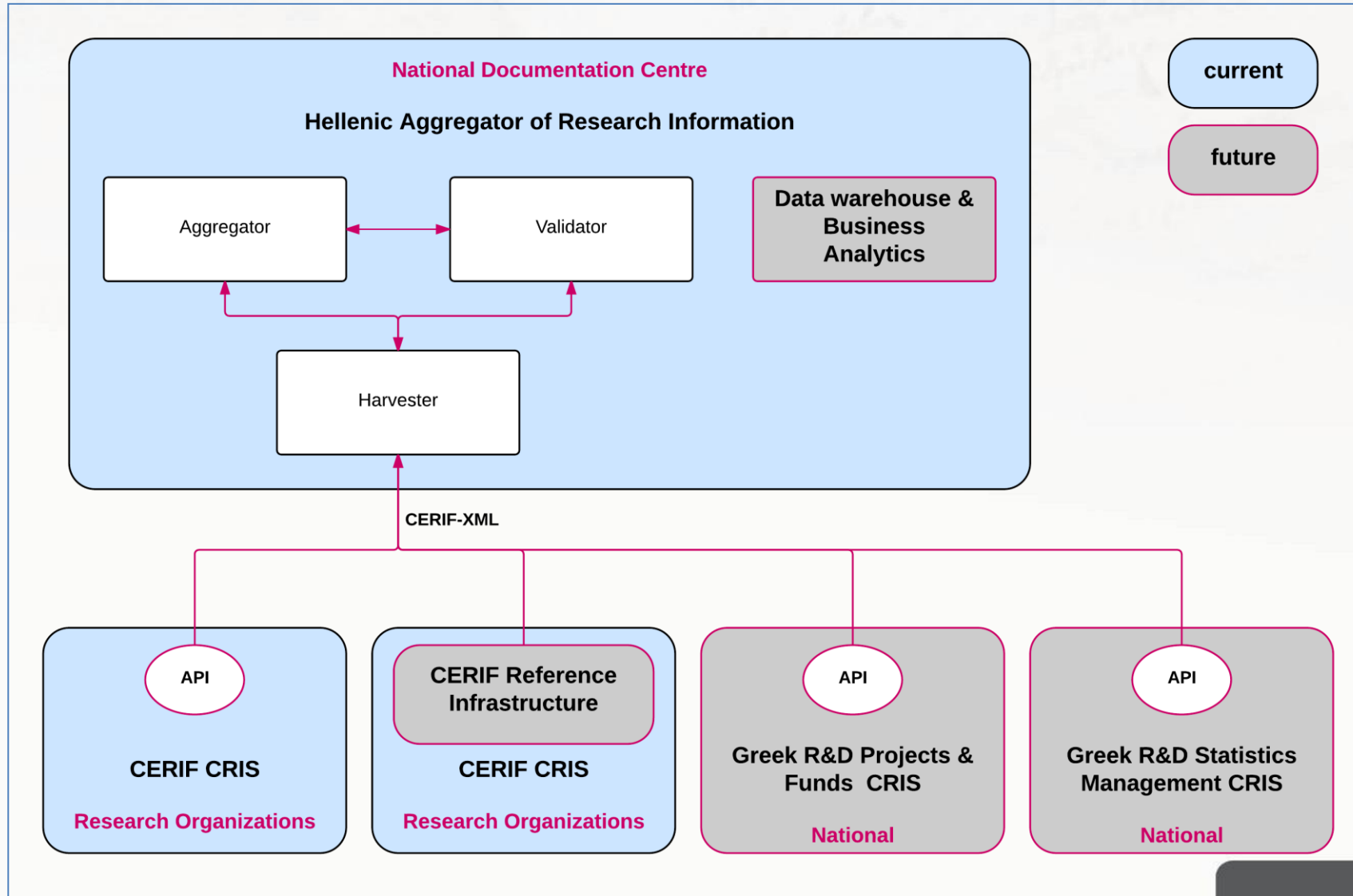# Greek R&D Statistics Management System as CRIS

- R&D Data Management System (DMS)
  - Stores, interconnects and manages
    - Greek R&D Expenditure and Personnel data as collected via online data collection system (Eurostat - Commission Regulation 995/2012)
    - Organisations' profiles stored in the RDI national registry
    - Indicators as produced from primitive data
    - External R&D data sources as managed by EKT (e.g. FP7 projects etc.)
  - Goals
    - Single management point
    - Preservation and archiving (time series)
    - Data validation & estimation workflow
    - Benchmarking using external sources
    - Real time automated generation of indicators
    - Data exports (SDMX, CSV, Excel, JSON, CERIF-XML)
    - Reporting

Greek CRIS Infrastructure – Next Steps

- **Integration Action at Organizational level**: creation of a national research information management board with representatives from ministries / research management addresses, public research financiers, operators with operational / technical expertise and research and academic institutions (Universities , research centers, etc.)

- **Integration Action at Operational level**: establishing common code of operation, adoption of common standards and research information management methodologies

- **Integration Action at Technological level**: developing additional technological infrastructure for seamless integration of all research bodies regardless CRIS system under use

Greek CRIS Infrastructure – Vision

Thank you for your attention
Q&A

- More info:

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