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Ministry of Science
and Higher Education
Republic of Poland

Polish Roadmap for Research Infrastructures (2011 & 2013)

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The concept

Polish Roadmap for Research Infrastructures (PMDIB)

- **Polish Roadmap for Research Infrastructures** is an expression of the ambitions and expectations of the Polish scientific community.
- In the conclusion of an open call for proposals in 9/2009 and a selection procedure involving international experts, **33 projects** proposals were recommended to be included in the Roadmap.
- **The Minister of Science and Higher Education endorsed the Roadmap in 2/2011 giving it a statute of a strategic document.**
- Inclusion in the Roadmap is not a guarantee for financing from the public funds. It gives however certain **advantage** (additional points) to application for project funding from the **national budget** and/or **structural funds**.

The concept

Projects proposals

- **12 proposals** concern science development: frontier research (**astronomy, astrophysics, physics**) – 7, and interdisciplinary (**analytical**) sciences – 5.
- **21 proposals** concern long-term societal challenges, such as: **quality of life – 1, health – 5, production, storage and transport of energy – 4, advanced materials and technologies – 3, intelligent systems and structures – 2 and sustainable environment – 6.**
- **The institutions** involved in the proposals are leading research centres in their fields, including: **20 academic institutions, 11 institutes of Polish Academy of Sciences and 10 industrial institutes.**

Project costs and funding

Cost estimation and funding

- The cost of investment and operations over the next 10 years of all the roadmap projects is estimated at about **1,5 B€**.
- Of this the cost of new investments is estimated at about **0,75 B€**.
- From the **ministerial budget** the amount available for new investment in RIs and instrumentation is at the level of **75 M€ per annum**. The money is granted by the Minister on the basis of the competitive process.
- In parallel, during the 2007 – 2013 financial perspective there were **structural funds** available at about **1 B€** in total for investment in RIs.

Project financing

Current status

5 projects co-financed from the structural funds:

- **CeZaMaT**, Warsaw University of Technology, **100 M€** – material technologies,
- **CePT**, Warsaw University of Medicine, **100 M€** – medical technologies,
- **WCZT**, A. Mickiewicz University, Poznan, **85 M€** – biomedical technologies,
- **CCTW**, Central Mining Institute, **50 M€** – clean coal technologies,
- **NCPS SOLARIS**, Jagiellonian University, Krakow, **40 M€** – synchrotron radiation,

+ 4 projects not included in the roadmap.

In total, the whole **1 B€** available has been spent on RIs.

Project financing

Current status

3 ESFRI projects are being co-financed from the ministerial budget:

- **XFEL** – free electron laser, National Centre for Nuclear Research, Swierk, **120 M PLN**
- **FAIR** – antiproton and ion research, Jagiellonian University, Krakow, **130 M PLN**
- **CLARIN ERIC** – language technologies, Wroclaw University of Technology, **15 M PLN**

+ 9 ESFRI projects at various stage and various level of Poland's involvement:

European Spallation Source, CTA, SIAEOS, LOFAR, EURO-ARGO, PRACE, EPOS, ICOS, EU-OPENSREEN

+ 2 projects not included in the roadmap: **C-ERIC, European Social Survey ERIC.**

Next steps

Roadmap's update

- Call for the update announced on January 15th 2013
- **Ca. 100 proposals in 13 scientific domains** received (with total investment budget ca. **3,5 B€**)
- **2-stage** evaluation process foreseen, **international experts** involved
- **Advisory group** of domestic experts set up by the Ministry
- **No removal** of projects from the current Roadmap
- **Addition** of about **15 new** projects anticipated



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