Polish Roadmap for Research Infrastructures (2011 & 2013)

Wiesław Studencki, Ph.D.
Research Infrastructures
NCP Coordinator
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**.
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.
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.
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.
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-OPENSSCREEN

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

Next steps
Thank you