Recent and Forthcoming Developments

Prepared for the Council of Partners, Mainz, 2016
GGP as an ESFRI Emerging Project

- ESFRI, the European Strategy Forum on Research Infrastructures
- 2016 Roadmap and Landscape analysis
  - Emerging projects
  - Active projects
  - Landmark projects
GGP as an ESFRI Emerging Project

Mariner-1
Marine renewable energy research infrastructure

A distributed, 4D-capable platform utilizing observation and forecasting tools to provide near-real-time data for impact and climate research at local, regional and global scales. This project will develop new models and tools to enable better understanding of ocean energy systems, providing insights into the future of marine energy utilization.

eLTTER
Integrated European Long-term ecosystem, critical zones and socio-ecological systems research infrastructure

The eLTTER project aims to create a long-term research platform for studying the interactions between ecosystems, socio-ecological systems, and human activities. It will involve the deployment of advanced monitoring technologies and the integration of data from various sources to understand the complex interactions between these systems.

METROFOOD
Infrastructure for promoting Metrology in Food and Nutrition

METROFOOD is a project focused on improving the accuracy and reliability of measurements in the food and nutrition sector. It aims to develop a comprehensive metrological framework that will support the development of new food technologies and improve the quality of food products.

GPP
Generations and Gender Programme

The GPP is a project aimed at promoting scientific excellence through an interdisciplinary approach to understanding the role of gender in shaping social and economic development. It focuses on the development of new tools and methodologies to study gender issues across different sectors.

Additional information on these projects can be found on the ESFRI website.
GGP as an ESFRI Emerging Project

Key questions:

1. Why this status and what does it mean for us?

2. What do we need to do next?
GGP as an ESFRI Emerging Project

Why?:

- Scientific case = very high
  - Scientific Merit, European Added Value, Socioeconomic Impact

- Maturity = medium
  - Governance & Management, Stakeholder Commitment, Financial Sustainability, Long-term Plans

Transition from a network of institutes to a research infrastructure
“a research infrastructure is considered to be “mature”, i.e. ready for implementation, when it meets the main criteria listed below:

• Cost and financial plan well defined, with adequate cost estimates
• Firm financial commitments for the relevant investments and operations
• Approved statutes and governance structure in place
• Existence of a credible project organisation, with clearly identified responsibilities and reporting lines
• KPIs established and staff planning outlined, including procurement considerations
• User strategy well planned
• Risk analyses included”

What does it mean?

Possibility of EU funding (INFRADEV-02: Preparatory Phase and support to early phase of ESFRI projects)

(b) Support to Early Phase for research infrastructures which enter the ESFRI roadmap in 2016 as emerging projects (Research and Innovation Actions)

This support aims to bring an emerging ESFRI project to the level of maturity required for being in the active project list.
What do we need to do?

1. To re-assess our governance and legal structure
   - Strengthen central hub + clear roles and responsibilities of nodes
   - Assess which governing and legal structure will fit best the GGP in the next phase
   - Rethink the role of the Consortium Board and Council of Partners & how to involve other stakeholders
What do we need to do?

2. To strengthen our technological case and e-needs
   – Preparation of a centralized survey
   – Implement and explore technical upgrades to increase quality, drive down costs and reduce attrition
   – Provide greater support to national teams
3. Prepare for the 2020 ESFRI Roadmap application
   – Revise our Blueprint (Scientific Case)
   – Assess our socioeconomic impact
   – Reform our governance structure
   – Prepare a financial plan
   – Secure the support of more countries

How can you help?:
National Roadmaps, Integrating Stakeholders,
Securing the support of your country
National Roadmaps

- France: GGP as part of Progedo
- Netherlands: GGP on National Roadmap (Since 2011)
- Sweden: GGP ....
- Norway: .....
## National Roadmaps

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>STATUS</th>
<th>TITLE</th>
</tr>
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<tbody>
<tr>
<td>Austria</td>
<td>✔️</td>
<td>Austrian Research Infrastructure Action Plan published in February 2014</td>
</tr>
<tr>
<td>Belgium</td>
<td>🔄</td>
<td>Roadmap under preparation</td>
</tr>
<tr>
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<td>Roadmap published in 2010</td>
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<tr>
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Integrating Stakeholders

Who are the Stakeholders?:

- Ministries (Science, Research, Education, Family, etc.)
- National Statistical Institutes
- National Funding Agencies
- Academics (Universities, Research Institutes)
- Organisations, Associations (e.g. family)
- Private Sector
- Other Research Infrastructures
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Integrating Stakeholders

Press Release ECE/GEN/08/P02, Geneva, 9 May 2008:

How Generations and Gender Shape Demographic Change Conference to discuss policies and new research findings, Geneva, 14-16 May 2008

Seminar on ‘Research Infrastructures for Understanding the Changing Lives of Europeans: The Contribution of the Generations and Gender Programme’

March 18, 2013

Brussels
Integrating Stakeholders

- Stakeholders engagement event (2017)
- Users conference (2017, 2019)
- Training for stakeholders on how to use our data
- Regional conferences
Support of Countries

• In our 2016 Roadmap application, support from: Netherlands, France, Germany, Hungary, Italy, Poland

Within ESFRI, unclear definition of support and who can provide it...........

• 2020 Roadmap Application: more countries!
The European Research Area (ERA)

A unified area open to the world, in which scientific knowledge, technology and researchers circulate freely.

Source: http://ec.europa.eu/research/era/index_en.htm
“The GSO is now a global forum for the planning and networking as well as further development of global research infrastructures – akin to the ESFRI Forum at the purely European level.”

(source: https://www.bmbf.de/en/group-of-experts-is-to-issue-a-report-on-global-research-infrastructures-1433.html)
You can help by:

1. Increasing the visibility of the GGP in your country (users, stakeholders) (dissemination, public awareness)
2. Identify funding opportunities
3. Aim at getting on the national roadmap
4. Preparing the ground for the support of your country for our 2020 Roadmap application
5. Other?
Questions?
Comments?
Suggestions?