ESF MO Forum: Indicators of Internationalization Pilot Study

Action plan and report of the workshop

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Aim of the forum

♦ Pilot study with operational objectives

♦ to develop a common toolbox for evaluation purposes

♦ to set a common basis for the analysis of internationalization among the MOs (RPOs, FAs, Academies)

♦ to contribute to a better understanding of internationalization patterns
Objectives of the forum (1)

♦ Provide a conceptual framework: do some research work
♦ Involve MOs in a collaborative project: develop indicators for their own needs, at the organization scale
♦ develop a set of indicators adapted
  - to the different types of MOs,
  - to their different missions,
  - to the different domains
→ set of common indicators + more specific ones, to be used « à la carte »
Objectives of the forum (2)

♦ To keep connected with EC: know their interest and take their advice; relate with the work of other EU bodies on the topic
♦ Keep this as the background for common actions within the ERA
Items to be addressed: Steps

**Step A:** Defining the conceptual framework, choosing the facets of internationalization to instrument

**Step B:** Review of existing indicators related to the chosen facets

**Step C:** Choice of the set (including possibly new) indicators; complete design

**Step D:** Test phase in a number of selected MOs
STEP A: what was done in this workshop

- Information on the work of Expert group on ERA indicator and monitoring: presented by Rémi Barré
- Information and advice from Peter Fisch (V. Vercesi as proxy)
- Contribution from the experts' group: E. Reale, A. Inzelt, P. van den Besselaar
- Review of internationalization of MOs: prepared with notes from the MOs by Sarah Chen and A. Stilo
## 4. Indicators

<table>
<thead>
<tr>
<th>Organization</th>
<th>Key words</th>
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<tbody>
<tr>
<td>FWO (Belgium)</td>
<td>No specific internal indicators. National monitoring system; <em>(sources: Indicator book (bibliometrics and EU programmes participation))</em></td>
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<tr>
<td>Ac. Of Finland</td>
<td>Scientific publication, researchers mobility, funding; <em>(sources: KOTA database)</em></td>
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<tr>
<td>FNSNF (Switzerland)</td>
<td>Fellowships, EU programmes participation, partnership with developing countries</td>
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<tr>
<td>Research Council of Norway</td>
<td>Defined on the basis of Project reports, bibliometrics; <em>(sources: national and international)</em></td>
</tr>
<tr>
<td>INRA (France)</td>
<td>Bibliometrics (int. co-authors, IF), EU funding, EU projects and programmes participation, researchers mobility; <em>(sources: Internal dbs, ISIweb, websites)</em></td>
</tr>
<tr>
<td>INFN (Italy)</td>
<td>Bibliometrics (int. co-authors, int. Conferences), int. Funding, int. Exchange (FAI); <em>(sources: internal dbs ISIweb)</em></td>
</tr>
<tr>
<td>CSIC (Spain)</td>
<td>Bibliometrics (int. co-authors), Funding (EU, int., national), researchers mobility, foreign personnel, visiting <em>(sources: internal dbs)</em></td>
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<tr>
<td>RCUK (UK)</td>
<td>No specific indicators; target dates for achievement of objectives</td>
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<tr>
<td>CNR (Italy)</td>
<td>Bibliometrics (int. Publications), EU funding <em>(sources: ISIweb, internal dbs)</em></td>
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STEP A: what was done in this workshop (2)

- An analytical model: 3 dimensions for positioning each organization:
  
  - Resource flows
  - Collaboration and networking
  - Knowledge production

- Discussion of the relevance of this “triangle”
  
  - for FAs
  - for RPOs
  - Complementary aspects by FAs and RPOs
Indicators of Internationalization Pilot Study
Action plan after Stockholm

Stockholm, 10-11 May 2010
Funding schemes pursuing internationalisation

- Are they helpful for addressing research challenges?
- Do they enhance scale and scope of research?
- Do they support sharing of facilities and expertise?
- Do they help to get co-funding from other sources?
- Do they support “market penetration”?
Further steps (1) Outcomes and Timeline

Step A (Experts) – September 2010

- Write the rationale and the complete description of the framework
- Revise the scheme to fit all types of participating MOs and define the common landscape
- Set questions relevant for both
Further steps (2)

Step B

• Analyse main identified documents related to internationalization indicators (ERA-Group, Proneos, Technopolis/Manchester) – MOs (July 2010)
• Prepare form to collect information along the three directions of the triangle about present instruments and applications, corresponding indicators and data sources (Core Group – May 2010)
• Compile forms and prepare aggregate results (MOs and Core Group – September 2010)
Further steps (3)

Step C

• Include MOs contribution in the revised scheme and suggest first set of common indicators (Experts – November 2010)