ESF MO Forum: Indicators of Internationalization Pilot Study

Action plan and report of the workshop

Élisabeth de Turckheim, Valerio Vercesi

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

Organization	Key words
FWO (Belgium)	No specific internal indicators. National monitoring system; (sources : Indicator book (bibliometrics and EU programmes participation))
Ac. Of Finland	Scientific publication, researchers mobility, funding; (sources: KOTA database)
FNSNF (Switzerland)	Fellowships, EU programmes participation, partnership with developing countries
Research Council of Norway	Defined on the basis of Project reports, bibliometrics; (sources : national and interntional)
INRA (France)	Bibliometrics (int. co-authors, IF), EU funding, EU projects and programmes participation, researchers mobility; (sources : Internal dbs, ISIweb, websites)
INFN (Italy)	Bibliometrics (int. co-authors, int. Conferences), int. Funding, int. Exchange (FAI); (sources : internal dbs ISIweb)
CSIC (Spain)	Bibliometrics (int. co-authors), Funding (EU, int., national), researchers mobility, foreign personnel, visiting (sources : internal dbs)
RCUK (UK)	No specific indicators; target dates for achievemnt of objectives
CNR (Italy)	Bibliometrics (int. Pubblications), EU funding (sources : ISIweb, internal dbs)

STEP A: what was done in this workshop (2)

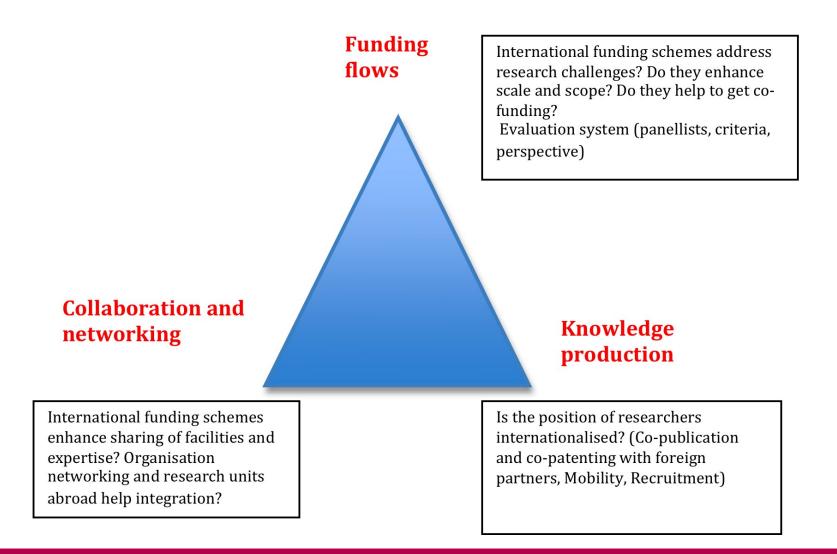
 An analytical model: 3 dimensions for positioning each organization:

Resource flows

Collaboration and networking

Knowledge production

- Discussion of the relevance of this "triangle"
- for FAs
- for RPOs
- Complementary aspects by FAs and RPOs



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)