

**RISIS Week
Group Meeting 7
Databases on Project Funding and their exploitation**

Rome, 28 January 2015

**Databases on Project Funding
and their use
for the analysis of the ERA dynamics**

Rémi Barré (IFRIS)

**« Analysis of the ERA dynamics
in relation to Project Funding »**

**This refers to
ERA making as
coordination of programming (funding) function
between national and Union institutions [Art. 181]**

Reference for the relevant indicators:

*Measuring the integration and coordination dynamics
of the European Research Area,
Science and Public Policy*

Barré, R., Henriquez, L., Pontikakis, D., Weber, K. M.,
1-19 (2012)

Conceptual framework (1)

The key-concepts

► the *Relationships*

Three **modes of relationships** among MS

- Integration [*one body on behalf of all MSs*]
- Coordination [*each MS has decision but within an agreed upon framework*]
- Juxtaposition [*each MS decides individually in its own interest – « fragmentation »*]

► What is related : *the Functions*

The three **functions** in a RIS [public]

Policy making, Programming, Performing of RD

Simplified as: Funding – Performing

Conceptual framework (2)

The relationship x function [RF] matrix

EU or MS	INTEGR	COORD	JUXTA	TOT
FUNDING	A	B	C	100%*
PERFORMING	D	E	F	100%*

ERA-DYN FUND. % [integr + coord] of [national+EU] funding: **A+B**

ERA-DYN FUND*. % coordination of [national+EU] funding: **B**

ERA-DYN PERF. % [integr + coord} of [national+EU] performance: **D+E**

* Includes EU budget

Methodology (1)

Filling the [RF] matrix

- **Matrix has to be filled for each MS + EU at different dates**
- **Each institutional framework and policy instrument has a specific position / profile in the RF matrix**
- **Knowing the budgets of these frameworks and instruments, fill the RF Matrix and compute the indicators**

Methodology (2)

Profiles of the institutional frameworks and policy instruments in the RF Matrix

JRC	INT	COORD	JUXT
FUND	X		
PERF	X		

I-GOV	INT	COORD	JUXT
FUND	X		
PERF	X CERN	X ESA	

FP- CFP	INT	COORD	JUXT
FUND	X DG-R		
PERF		X Consort.	X ERC

JPI.. EU+NAT funds	INT	COORD	JUXT
FUND		XXX Funding consort.	
PERF		X Collab.	

Results of a pilot empirical exercise

Indicators	2000*	2007*
ERA-DYN FUND [int + coord of fund]	14,3	25,3
ERA-DYN FUND* [coord of funding]	3,9	10,9
ERA-DYN PERF [int +coord of perform]	12,3	13,9

* in % of EU-wide RD spending

Key-Results:

1. The ERA dynamics is today in the funding (programming) function
2. Within that function, the dynamics is in the coordination mode

Databases on Project Funding

Perspectives for ERA dynamics Analysis (1)

- **JOREP database** [programme level]
 - monitoring of ERA dynamics as a whole and per country and per component of H2020
 - identifying the modes of such dynamics (which function, which linkages)
 - National / EU policy and political intelligence of the making of the ERA
- > ***National & EU strategies***

Databases on Project Funding

Perspectives for ERA dynamics Analysis (2)

EUPRO database [performer level]

- Identifying the actors involved in the funding and performing ERA dynamics [*relate projects-instruments*]
- Characterizing the modes of such dynamics (which function, which linkages)
- Actor (organisation) level: strategic intelligence of the making of the ERA

> **Actors *positioning problematique***

Perspectives

- Identifying the profile of each H2020 instrument on the RF Matrix
- Getting the data for funding and performing per instrument, per country, per component of H2020
- Fine tuning and coherence of the JOREP and EUPRO databases for such analysis
- **CHALLENGE:** for JOREP and EUPRO, systematically record the name of the concerned instruments / programmes / 'vehicles' of H2020