

Research,
Development & Innovation



Mobilising Institutional
Reforms in Research and
Innovation Systems

let's bridge the GAP

Target Countries

- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Estonia
- Hungary
- Latvia
- Lithuania
- Malta
- Poland
- Romania
- Slovakia
- Slovenia



Partners



Widening participation of EU 13
countries in European research
funding programmes



www.mirris.eu



Insights from MIRIS

26 March 2015
Zagreb, Croatia

Anita TREGNER-MLINARIC
META Group



Mobilising Institutional Reforms in Research and Innovation Systems



European Commissioner for Research,
Science and Innovation Carlos Moedas
said:

***"To exit the crisis and build solid foundations
for growth and jobs, all EU Member States
face the task of reforming their research and
innovation systems.***

***We need to work together to best tackle the
challenge of how to identify and implement
those reforms that are key to achieving
sustainable growth."***

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MIRRIS - Mobilizing Institutional Reforms for Research and Innovation Systems

A **support action** aiming at **identifying** the strengths and weaknesses of R&I performance in ERA and Framework Programmes of the EU13 and **proposing** solutions to improve performances and participation to H2020.

MIRRIS is funded under FP7 SSH and is implemented by a consortium of 11 leading organizations in innovation under coordination of META Group.



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FP7 PARTICIPATION OF EU 13 & EU 15

KEY HIGHLIGHTS

*Whatever criteria taken into consideration,
EU13 Member States are less performing
than EU15*

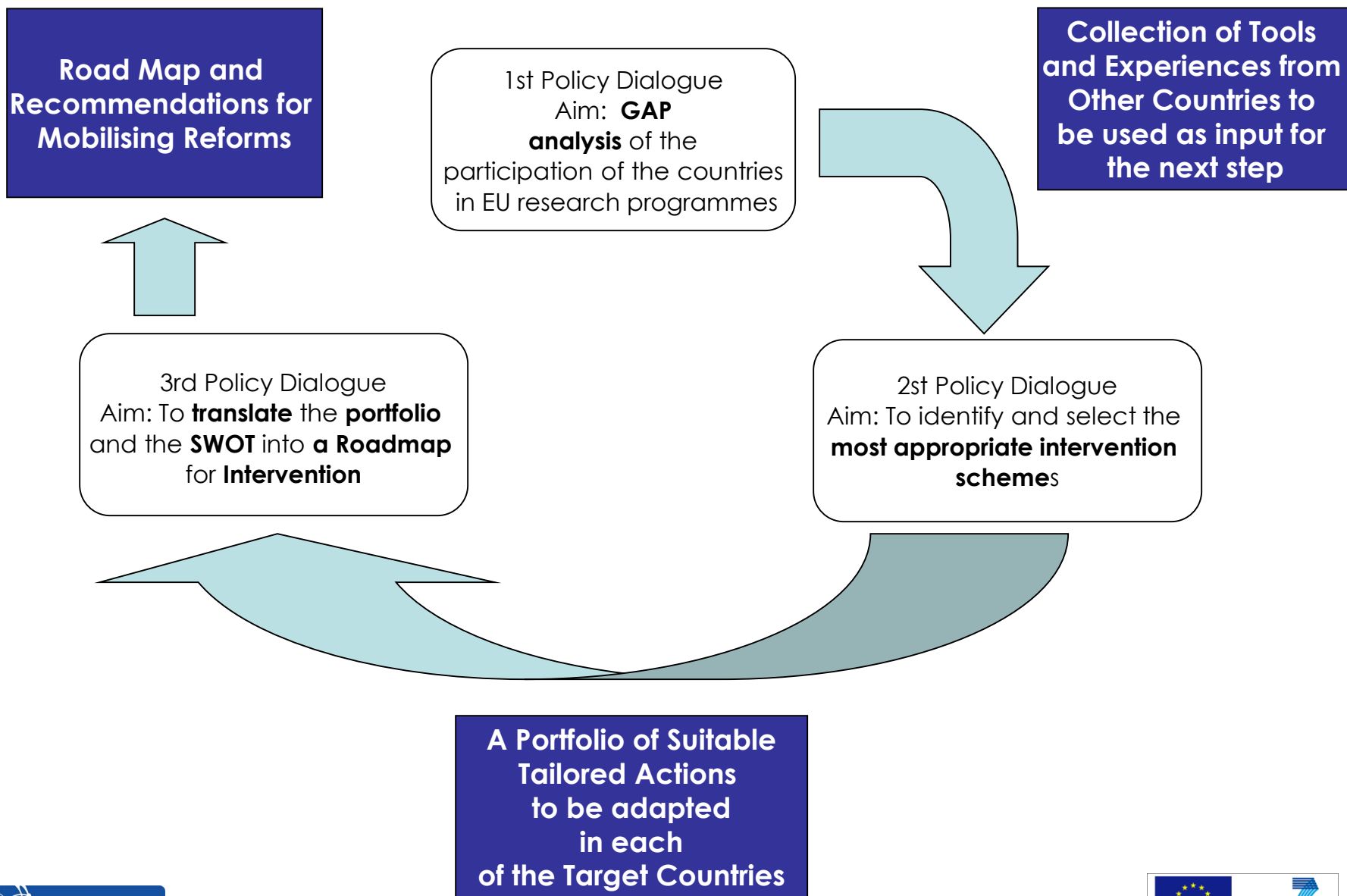
Huge disparities between EU13 Member States!



- **EU POPULATION: EU15 = 80 % / EU12 = 20 %**
- **GDP EU15 = 87 % / EU12 = 13 %**
- **FP7 € per inhabitant: EU15 = 58 € / EU12 = 13,50 €**
Cyprus = 78,80 €; Romania = 5,60 €
- **FP7 € per beneficiary: EU15 = 325 000 € / EU12 = 167 000 €**
Poland = 187 500 €; Malta = 95 000 €
- **FP7 success rate: EU15 = 21,70 % / EU12 = 18,50 %**
Latvia = 21,70 %; Romania = 14,60 %
- **FP7 number of beneficiaries: EU15 = 90 237 (91 %) / EU12= 8 280 (9 %)**
Poland + Hungary + Czech Republic = 51 %
NB: Germany + UK + France = 45 %
- **FP7 money received vs money expected from application forms (Success rate):**
EU15 = 18,90 % / EU12 = 12,20 %
Estonia: 15,40 %; Romania: 8,50 %!

MIRRIS – WHERE WE ARE

- **1st round** of Policy Dialogues completed;
- More than **200** stakeholders involved;
- **More than 29** Good practices from **15** countries selected pursuant to MIRRIS' participation value chain approach;
- **MIRRIS Workshop** held on **29 October 2014**, per request of **European Commission** - presentation of preliminary results of MIRRIS of the 1st round of dialogues; 2nd **MIRRIS Workshop** tentatively scheduled for June or September 2015;
- **Policy brief** and other **MIRRIS material** and info available at **www.mirris.eu**
- **Decision makers:** Representatives of Ministries of R&D and Enterprise, of Regional governments;
- **Implementation institutions:** Academies of science, Universities, Research and technology organizations, National research councils, Funding bodies;
- **Support structures:** NCPs, RDA, Technology and science parks, Incubators, EEN, Technology transfers offices – TTOs, Clusters, SME associations.





MIRRIS – 2nd PD CALENDAR

Date	Country	Hosting organization
05 November 2014	Poland	PARP APRE
21 January 2015	Lithuania	National research council KU LEUVEN
23 January 2015	Latvia	National Research Council KU LEUVEN
10 February 2015	Cyprus	Directorate General for European Programmes UCL-ERIO
03 March 2015	Hungary	National Innovation Office UCL-ERIO
05 March 2015	Estonia	National Research Council APRE, JOSEF STEFAN INSTITUTE
12 March 2015	Malta	Malta Council for Science and Technology JOSEF STEFAN INSTITUTE
17 March 2015	Romania	Ministry of National Education KU LEUVEN
19 March 2015	Bulgaria	Ministry of Education and Research KU LEUVEN
24 March 2015	Slovakia	NCP Slovakia INFO MURCIA
25 March 2015	Croatia	Ministry of Education, Science and Sports, APRE, OPERA
30 March 2015	Slovenia	Ministry of Education, Science and Sports OPERA
01 April 2015	Czech Republic	Technology Centre AS CR KU LEUVEN



PERSONAL/MOTIVATIONAL

- Low Economic reward/**wages**/incentives of researchers;
- Lack of **attractiveness** of FP7 funding in comparison to ERDF funding and/or, when available, to other national or bilateral schemes (less bureaucracy, less selection criteria, no or less international dimension);
- Lack of **interest** in the topics addressed in the R&D calls (EU 15 are perceived to have a dominant position in the setting of agenda).



ORGANIZATIONAL

- Lack of “**structural**” support to help applicants; Weak capacity of drafting proposals;
- No **interest** in taking responsibility of administrative management (lack of time, little or no access to a project office support), project **leadership**;
- Difficulty to maximize information and experience to better **influence** and address the participation to the working committees;
- Weak **involvement** in European networks which often play a role in generating ideas for projects and facilitating partnerships.
- Difficulty to join (and **remain**) existing EU15 excellence consortia:
- No leverage on **diaspora** and on successful applicants to **coach** the other potential participants.



STRUCTURAL

- Limited private investment in R&D;
- Less excellent researchers in EU13 than in EU15 due to **brain drain** and weak presence of foreign researchers.



GAPs analysis

MIRRIS observation of gaps identified in target EU 13 Member States in general terms can be divided into the following categories: structural, personal (motivational) and organisational.

During 1st cycle of Policy dialogues and based on input collected, the evidence shared made obvious that participants to R&D programmes show significant weaknesses in the organisational segment, in other words, project (proposal) preparation.

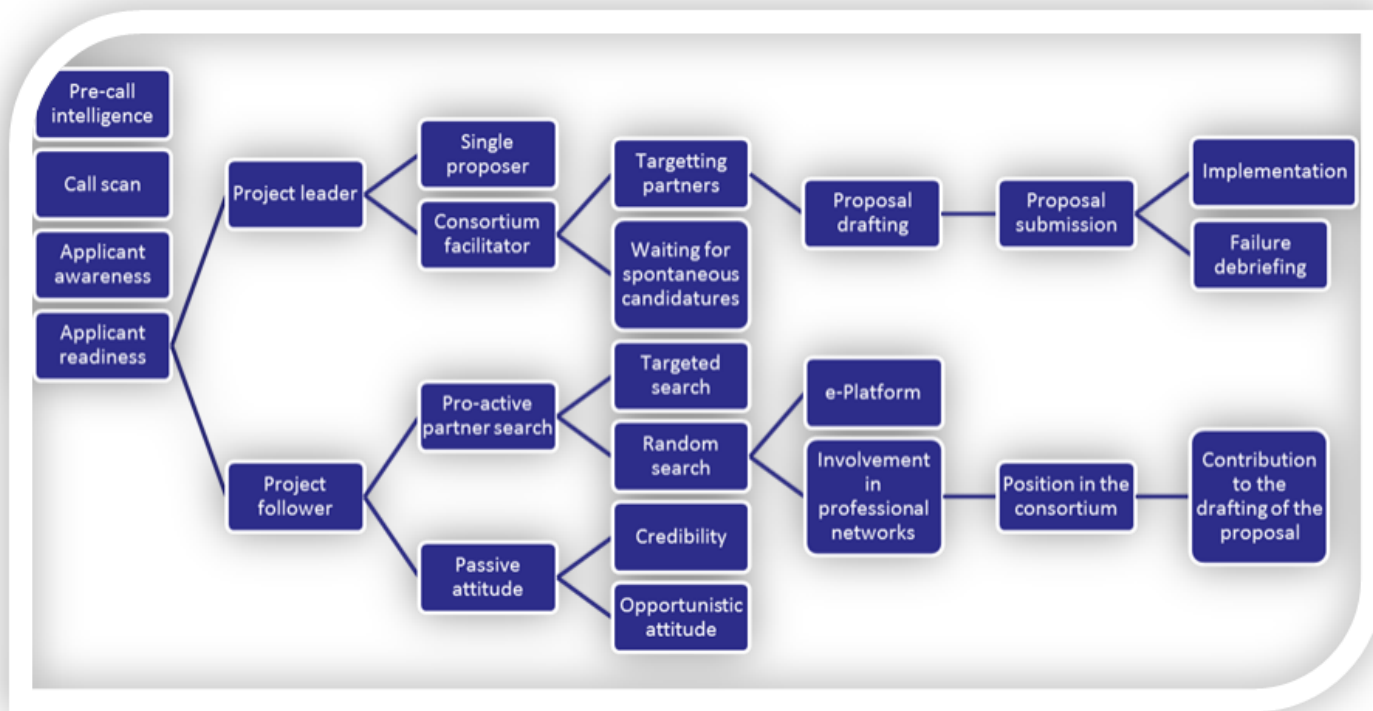
MIRRIS methodology for participation in H2020 projects, so called, MIRRIS decision tree, specifies steps to be undertaken in order to build a successful proposal.

In order to elaborate areas where a single country shall improve in the process of proposal preparation and the structure, MIRRIS decision tree was further segmented into number of chronological actions taking into account both, demand and supply part of the participation value chain.

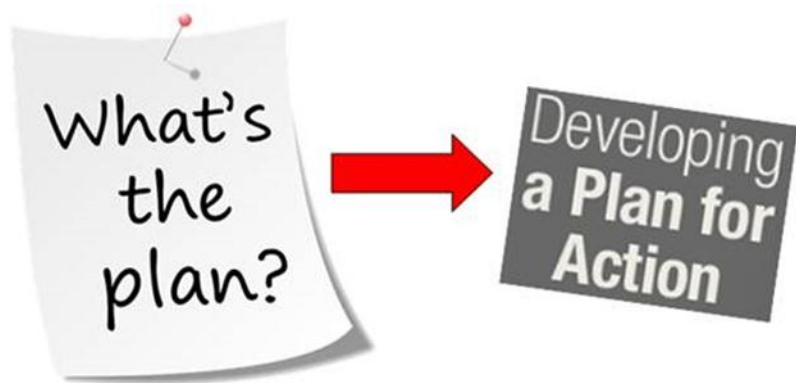
The aim of the gap analysis is to reflect the feedback collected during the dialogue and to contribute to the identification of potential intervention schemes in the next cycle of dialogues.



Decision Tree for Participating to Horizon 2020



MIRRIS Action plan related activities



To fine-tune and prepare the Action plan;
To set up favourable conditions for the take up of the recommended practices/solutions;
To facilitate transfer of tacit knowledge connected to implementation of operations through coaching activities provided to program owners and research managers.

- Based on the initiatives identified throughout the policy dialogue coaching will take place in the target countries to promote smooth take up of key discussion results;
- Coaching will address actors selected during the third policy dialogue round among relevant actors in the target country (program owners, research managers, institutional multipliers) in order to ensure the right level of adoption and foster cooperation throughout different intervention levels;
- A two days pilot coaching will take place in each of the target countries by engaging national, regional and transnational players;
- Target organizations and topics for the coaching will be selected at the end of the third policy dialogue among the ones that will be identified as organizations in charge of setting up and implementing novel intervention schemes to ensure better participation of national actors to EU programs



New Opportunities within 2014-2020 EC Programmes 1/2

- The Teaming action (associating advanced research institutions to other institutions, agencies or regions for the creation or upgrade of existing centres of excellence) is a new feature under Horizon 2020. It will provide new opportunities to the parties involved, with real prospects for growth through tapping into new collaboration and development patterns, including the establishment of new scientific networks, links with local clusters and opening up access to new markets;
- Twinning will help strengthen a defined field of research in an institution through linking with at least two internationally-leading counterparts in Europe;
- The ERA Chairs scheme will provide support for universities and other research institutions to attract and maintain high quality human resources and implement the structural changes necessary to achieve excellence on a sustainable basis;
- The Policy Support Facility will aim to improve the design, implementation and evaluation of national/regional research and innovation policies. It will offer expert advice to public authorities at national or regional level on a voluntary basis, covering the needs to access the relevant body of knowledge, benefit from the insight of international experts, use state of the art methodologies and tools, and receive tailor-made advice;



New Opportunities within 2014-2020 EC Programmes 2/2

- Supporting access to international networks for excellent researchers and innovators who lack sufficient involvement in European and international networks. This will include support provided through COST;
- Strengthening the administrative and operational capacity of transnational networks of National Contact Points will allow financial and technical support and ensure the flow of information between them and the Horizon 2020 implementation bodies;
- Moreover, under H2020 on annual basis, there are numerous events organised aiming at showcasing excellence of European researchers, providing linkages with non-European countries, bridging business and research and other that provide opportunities for access to networks, partnerships as well as reaching out to different markets.;
- It is also important to point out the efforts European Commission is making towards diaspora engagement and in particular, scientific diaspora, by putting at focus the identified biggest challenge, in both research and practice, which is the heterogeneity of diaspora. Due to that fact, the EU-US Diaspora Conferences are organised and are supported by International Diaspora Engagement Alliance (IDEA), which is continually exploring the best methods to engage diaspora communities and peers in Europe.





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