

How Romania – "a widening" country-implemented PPP in terms of strategy; political framework

Domnica COTET, Committee member, Business Incubator Center from Bucharest



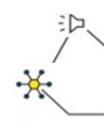


CONTENT



Short Introduction

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- PPT-European perspectives-COFAS-ERA.NET project Good practices example









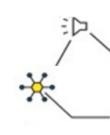


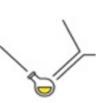
Introduction

Previous cooperation: ECABit-Network



 Participating to the "Regional Innovation and Incubation Capacity Building Workshop Eastern Europe - Central Asia", Kiev, June 9 - 11, 2005 aiming to:





 Main goal :Promoting Innovation and Entrepreneurship in **Eastern Europe & Central Asia:**



61 participants from 18 countries The majority was managers and staff of incubators, other innovation and entrepreneurship organizations, and with policy makers



Horizon 2020: Black Sea Horizon

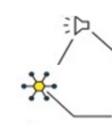


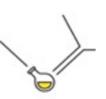


Policy framework- National Strategy for RD&I 2014-2020



 The National Strategy for Research, Development and Innovation (NSRD&I) 2014-2020 establishes the priority areas of smart specialization and public priority areas





 developed in 2013, coordinated by the MEN, led by a consortium of 14 R&DI organizations; contributions from more than 150 organizations nationally representative categories



• online over 4000 researchers and specialists about the evolution and impact of science and technology both nationally and internationally.





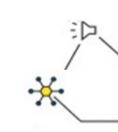




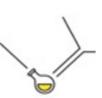




 3 RD&I areas defined: smart specialization, public priorities and basic research



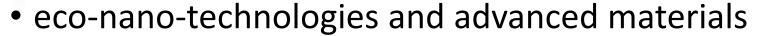
Areas of **smart specialization** identified and supported by NSRD&I 2014-2020 are:



- bio-economy;
- information and communications technology;



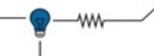


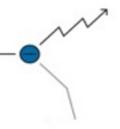






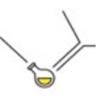






Public priorities:

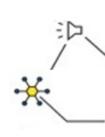
- health
- heritage and cultural identity
- new and emerging technologies



Basic Research



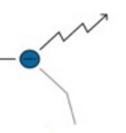






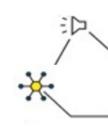






The Vision main pillars:

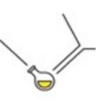
- Pillar 1. Regional and global affirmation: firms become key innovation operators.
- Pillar 2. Excellence in Internationalization: RDI area of opportunity.
- Pillar 3. "Leadership" regional frontier science and technology: breakthroughs in strategic areas .
- See "Extreme Light Infrastructure-Nuclear Physics" Magurele, or International Center for Advanced Research (ELI-NP) " Danubius Delta", Tulcea) and by stimulating technological concentrations (clusters) border.





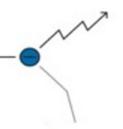








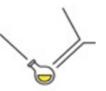




Specific objectives:

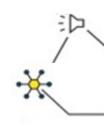
OS1. Creating an enabling environment for private sector initiative through entrepreneurship training tools and marketing results of RD&I based on partnerships between public and private operators.





OS3. Focus a significant part of RD&I activities on societal issues, for developing public sector capacity RD&I to seek and adopt research results and to respond to global challenges related topics of importance to Romania.









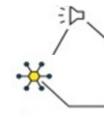




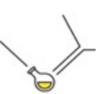




Lines of action: an integrated combination of measures ("policy mix") covering the main dimensions of policy RD&I:



- 1. Fiscal Policies;
- 2. Policies for public procurement of research and innovation;
- 3. Policies competitive funding to RD&I for public and private sector;



- 4. Policies on intellectual property rules;
- 5. Policy on cooperation and concentration;
- 6. Policy institutional financing;
- 7. Policy on human capital;
- 8. Governance Policies RD&I system.







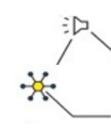






O.S 1 Creating and enabling environment for private sector initiative

The main lines of action are the management of intellectual property and tools oriented funding: tax credits, venture capital funds and guarantee funds.

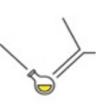


Thought the Structural Funds are sustained the following measures:

- Creation of an investment fund with seed capital for the entrepreneurs with innovative ideas; an investment fund (venture capital) and growth capital for innovative start-up.
- Creation of a system of loans (micro-loans, working capital loans, loans for development investment);
- Creation of a system of individual guarantees to cover technology risk in favor of innovative SMEs.











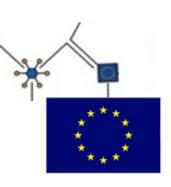


Internationalization

Support the Romania's participation in Joint Programming Initiatives (JPI), Joint Technology Initiatives (JTI), European Innovation Partnerships (EIP), the bilateral programs, international bodies and cooperation with third countries.













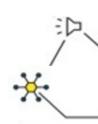
NSRD&I 2020 is implemented through the following main instruments, plus sectorspecific policies (fiscal, educational and so on):

❖ National Funds

- National Plan for Research, Development and Innovation 2014-2020;
- The sectoral plans of ministries
- Plans Romanian Academy and its subordinate units
- Other sectoral policies

EU Structural Funds

- Competitiveness Operational Programme Objective "Increasing the capacity of the RDI for 2014-2020" (start-up and spin-off).
- Human Capital Operational Programme part of the "Education and Training"
- Regional Operational Programme part of the "Competitiveness and the business environment for SMEs"
- Rural Development Operational Programme part of "Investment in agriculture" and rural development". R&I-LINKS









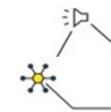




Supporting PPP/JTI trough the **National RD&I Plans**







- Programme 1: Development of the National Research and **Development System**
- Programme 2: Increase Competitiveness of the Romanian Economy through Research, Development and Innovation



- **Programme 3:** European and International Cooperation
- Programme 4: Fundamental and Frontier Research
- **Programme 5**: Support to Programmes managed by Institutions with a Scientific Coordination role in Areas of Strategic Interest 881-FINK







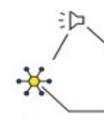






Supporting PPP/JTI trough the National RD&I Plans-PPP

		2 ND NATIONAL RESEARCH, DEVELOPMENT AND INNOVATION PLAN	3 RD NATIONAL RESEARCH, DEVELOPMENT AND INNOVATION PLAN		
	Duration	2007-2014	2015-2020		
<i>></i>	PPP at national level	Program 4 – Partnership in priority areas; Program 5 – Innovation	Program 2 – Increase the Competitiveness of the Romanian Economy through Research, Development and Innovation		
	PPP at European level	Program 4 – Partnership in priority areas;	Dedicated program: Program 3: European and International Cooperation		
	Legal framework	European projects were financed using the framework for national projects	European projects have a dedicated framework for financing		











UEFISCDI/MEN European projects



FP6

- **EUROPOLAR**
- **COOREERS**
- HY-CO
- **SKEP**
- **ROMOB**
- **ERA-ENV**
- **INTEGRATIG-ACC**
- **ROINTERA**
- **INT-ER-LINK**
- **SEE-ERA-NET**
- **MANUNET I**

FP7

- TRANS REG NCP
- **GEALTH NCP NET**
- DISCOVER **EUROPE**
- **ENV NCP TOGETHER**
- **BILAT UKR**
- HERITAGE NET
- **EUROSIS**
- **Black Sea ERA** Net
- MARTEC II
- **ERAIB**
- **ERACOBUILD**
- **NET HERITAGE**
- MNT II
- **ERA AGE EXT**
- CROSSTEXNET
- **SEAS ERA**
- E-RARE 2

FP7

- **FACCE ERA-NET PLUS**
- **SUSFOOD**
- **ERA-MIN**
- SINN ERA-NET
- M-ERANET
- **MANUNET II**
- **ERANET LAC**
- **CORE ORGANIC PLUS**
- ERA IB2
- CHIST-ERA
- **ERA-MBT**
- **INCOMERA**
- **SEERA-EI**
- **TRANSCOSME**
- **RIFI**
- **HIVERA**
- **JHEP**
- **NEURON II**

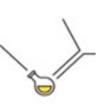
- **ERA.NET-RUS.Plus**
- NMP TEAM II
- ETNA PLUS
- **EURONANOMED II**
- **ERA SYSAPP**
- **INFECT ERA**
- DANUBE-INCO.NET
- RESPOTNET
- **FAIR**
- **SEE-ERA NET PLUS**
- **NMP TEAM**
- **EURONANOMED**
- **NET4 SOCIETY 2**
- **HERITAGE PLUS**

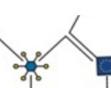
STRENGTHENING R&I

COFASP

H2020

- **BSH**
- **ERA-CVD**
- **SMARTGRIDPLUS**
- **ERA-HDHL**
- **EURONANOMED III**
- **EXEDRA**
- **COBOITECH**
- **CORE ORGANIC**
- SUSFOOD 2
- **RI-LINKS2UA**
- **FACCE-SURPLUS**
- **ERA-GAS**
- **BIODIVERSA 3**
- E-RARE 3
- **GEOTERMICA**
- **QUANTERA**
- **MANUNET III**
- ERA4CS
- **ACT**
- **PROSAFE**
- **NEURON**
- 4 PRIMA CASA
- **WATERWORKS**
- **ENSUF**
- **INNOVOUCHER**
- **COLUMBUS**











ROMANIA AND JOINT UNDERTAKINGS



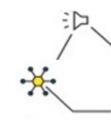
	2 ND NATIONAL RD&I PLAN			3 RD NATIONAL RD&I PLAN	
~	CLEAN SKY	•	Public-private partnership to speed up technological breakthrough developments and shorten time to market for new solutions tested on Full Scale Demonstrators 110 members (including Romania)	CLEAN SKY 2	1
	ENIAC	•	Public-private partnership on Nano electronics aimed at enhancing the further integration and miniaturization of devices and increasing their functionalities November 2009 – Romania became a member of ENIAC JU	ECSEL	
	ARTEMIS	•	Public-private partnership aimed at increasing and leveraging private and public investment in sector of embedded computing systems in Europe Romania is a founding member, December 2007		
	IMI	•	Public-private partnership on innovative medicines aimed at increasing investment and supporting pre-competitive R&D in biopharmaceutical sector in Europe	IMI 2	\
	FCH	•	Public-private partnership to support R&D&T activities in the field of fuel cells and hydrogen 2009 – Romania became member of the Research Group	FCH 2	
**	AAL	•	Public-private partnership to strengthen the industrial opportunities in Europe through the use of information and communication technology (ICT)	AAL	1





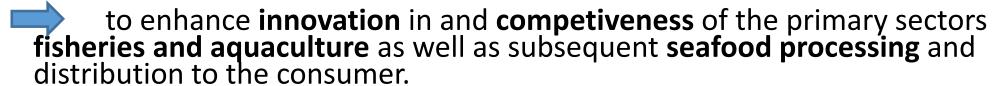
COFASP Cooperation in Fisheries, Aquaculture and Sea food Processing

Main results: a project data base; 4 case studies, a foresight exercise, a strategic research agenda to support the EU policy for next years (2030 year); 3 JTCs; 16 funded projects



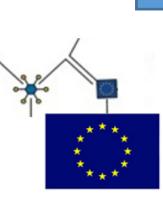
29 partners from 17 countries; duration 36 months

Objectives





to to underpin the revision of the Common Fisheries Policy (CFP) and to ensure its successful implementation



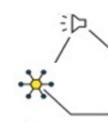




PPT Good practice example-COFASP ERA-NET project

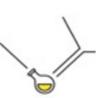


 3rd JTC-organized in common | with ERA-MBT project. Reason: both projects are:



Networks of National and regional Funding Organizations from Europe;
 CSA funded by EU





 To support research on sustainable exploitation of marine renewable resources; area of blue biotechnology (COFASP); More information at the link: www.cofasp.eu;



 To support Europe's marine biotechnology community to participate in a lasting enterprise-driven network that adds value to marine biological resources (ERA-MBT; http://www.marinebiotech.eu/marine-biotechnology-



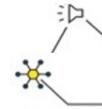






Topics

- 1. <u>Fisheries</u> stock assessment and dynamic modelling using 'omic' methodologies and tools
- 2. Genome based approach to genetic improvement of aquaculture species
- 3. Explore opportunities for the use of biotechnological tools, including targeted enzymes to develop more efficient seafood processing methods and high value products



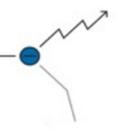










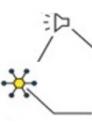


Evaluation of the call –General conclusions

- The 3rd first COFASP organized together with ERA-MBT ERA.NET in general was appreciated as good, well designed and well organised.
- The call received an overall positive evaluation and this appeared to be consistent across the different target groups (applicants, expert evaluators and funders).
- Overall, funders and expert evaluators seemed to give better scores than applicants.















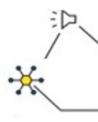
Positive aspects

- the communication with the Call secretariat and National Contact Point good
- the calls turned to be successful, even though there was limited participation of funded organizations from different countries
- the proposal submission and proposal evaluation process were (good)
- great chance to produce good science and collaborate with people around Europe.

Critical aspects

It is highly frustrating to work for two months and to find out after r 5 months that the scientific merits and the consortium are both excellent, but the financial requirements of some of the partners are too large and hence the proposal

annot be considered.















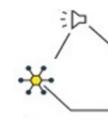
Evaluation of the call -Experts

Positive aspects

- the communication with the Call secretariat;
- time for doing the scientific evaluation
- the proposal evaluation process (very well)
- the "Conflict of interest" prevention
- the online tool

Critical aspects

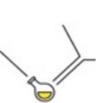
more time for working within the panel meeting











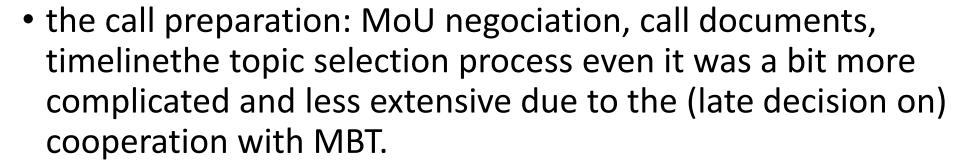


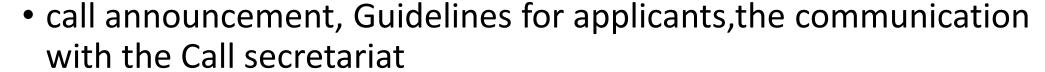




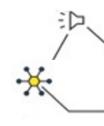
Evaluation of the call- Funders

Positive aspects





the call procedure, the online tool







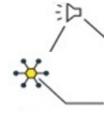






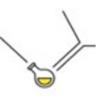






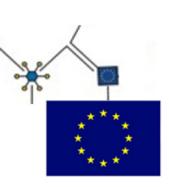
Evaluation of the call- Funders

Critical aspects:



• the call text was long to obtain and the consequence was that the time for applicants to answer to the call was too short.





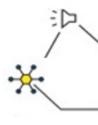






Recomendation for improvements

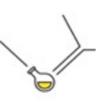
- the visibility and content of the COFASP website for applicants
- the evaluation procedure (funder).
- better distribution of evaluators, i.e. too many coming from the same country. reports to the unsuccessful applicants to be more supportive (funder).
- the financial aspects of the project should be separated from the scientifical and other aspects of the call (applicant).
- the evaluators should focus on the merits or the disadvantages of the scientific part rather than on the budgentary or administrative issues.
- need more time for the panel meetings (expert).







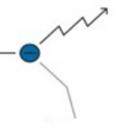






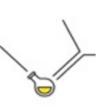


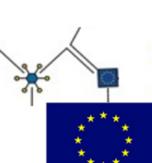




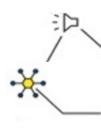
Recomendation for improvements

- The online tool (applicant):
- Formatting was extremely problematic; especially the presubmission part;
- The "Conflict of interest" prevention (funder)
- The negotiation and contract signature phase (applicant)



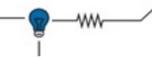






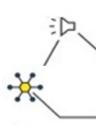


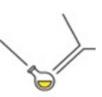






Thank you for your attention!





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