

Water JPI Third Alignment Workshop



4th April 2017. Stockholm

Aims & Objectives

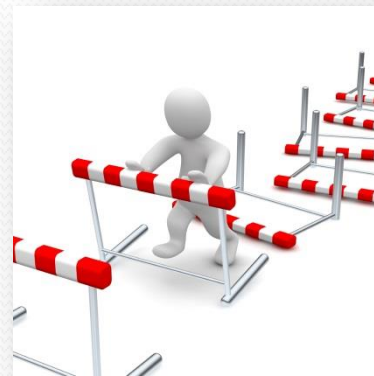
- Sharing of good practices
- Exchange of views on specific alignment instruments
- Identification of current situation & goals/targets regarding alignment
- Progressing the Water JPI Thematic Annual Programming Pilot Action
- Review of findings from the Mirror Group Case Study

Expected Outcomes

- Progressing Alignment
- Progressing the Water JPI TAP Pilot Action

Outputs:

- Workshop Proceedings
- Update on Water JPI website
- TAP: Planning process started (clarity, solutions to barriers, interest from funders)



Agenda

Plenary Session I

- Welcome
- Where are we at within the Water JPI?
- What is alignment?
 - EC DG Research
 - GPC's perspective
- Sharing of good practices (Review of toolbox) – Mirror Group Survey
- How to do it? ERALearn



Agenda

Round Table Discussions I

- How to measure progress in alignment?

Plenary Session 2

- Water JPI TAP Instrument
- Lessons learned from FACCE
- Presentation of the TAP survey

Round Table Discussions 2

- Water JPI TAP

Plenary Session 3

- Declaration of Interest from funders



Water JPI Third Alignment Workshop

Where are we at within the Water JPI?



*Dr. Padraic Larkin
Water JPI Co-chair*

4th April 2017. Stockholm

Alignment

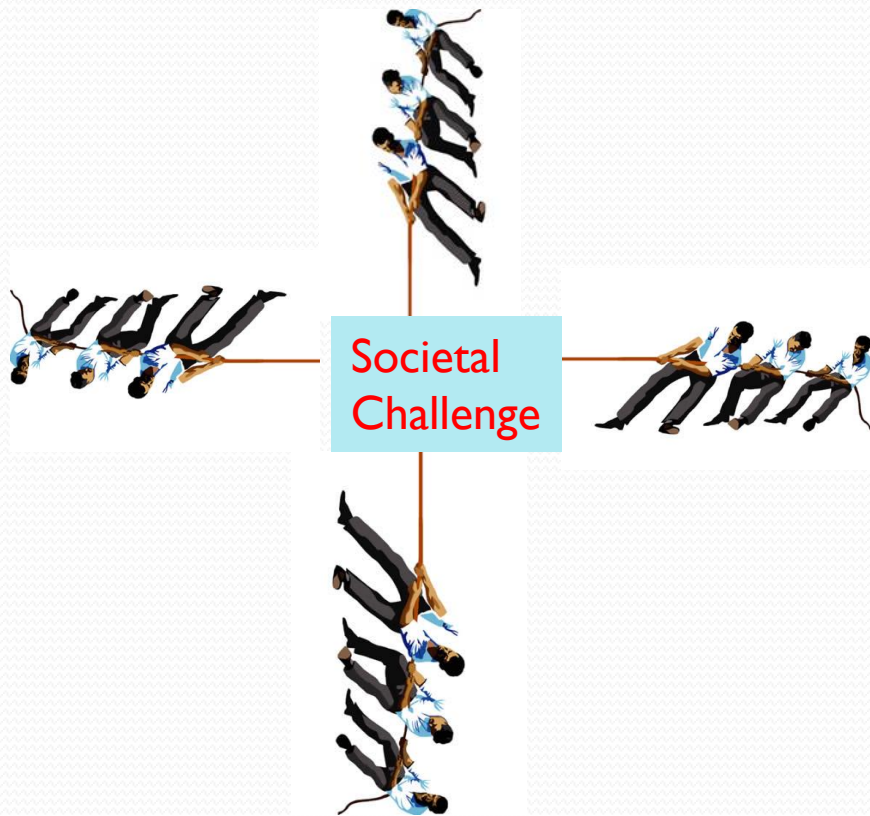
One of the aims of the JPIs:

Alignment of national research agendas: a crucial priority enabling the optimal use of national research funds and getting the necessary leverage effect to achieve the global societal challenges.

Alignment aims to:

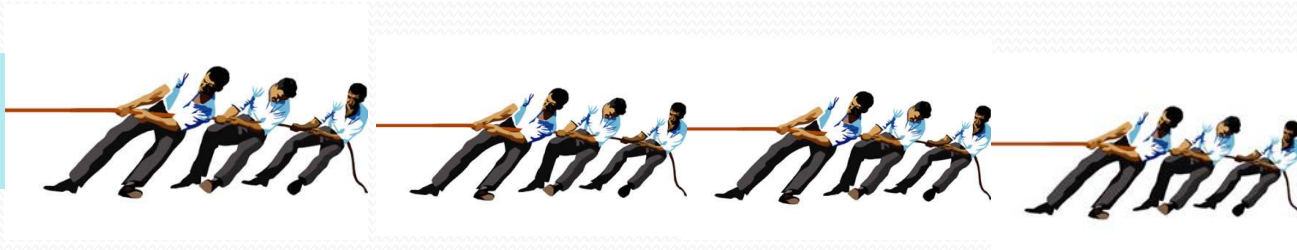
- Increase synergies amongst (existing) national research programmes and activities
- Trigger cost-efficiencies in research financing (e.g. via leverage effects)
- Enhance the level of scientific performance
- Help identify research gaps
- Maximise research impact on policy making and innovation in order to more effectively tackle global societal challenges

What are we trying to achieve?



Alignment

Societal
Challenge



Solution

First Alignment Workshop

Taking Forward European Alignment of National
Water RDI Activities

Challenges, Opportunities
and Recommendations for Action

Water Joint Programming Initiative Alignment Workshop

Brussels,

Belgium

22nd October 2014



First Workshop Outputs

Record of discussion, GPC recommendations augmented and recommended actions assessed by Timescale/Degree of Difficulty/Priority

Proposed actions across JPIs, within Water JPI and at National/regional levels

LIST OF POTENTIAL ACTIONS	Preliminary Scoring at Workshop (Timescale/D-o-D/Priority)
Networking and capacity building among research groups and stakeholders - eg Knowledge Hubs and Thematic groups	L/H/L
Calibration and standardization of methodologies	See Implementation Plan
Identifying capacity building approaches to facilitate better networking across and between disciplines and researchers	M/L/H
Any activity heavily building on large infrastructures or large institutionally funded players Definition of approaches that may facilitate wider access to national technology platforms or infrastructure, and promote the sharing of data and resources	L/M/M (May benefit from other European initiatives in this area)
Standardize – where possible - internal procedures in Member States where relevant for joint actions	See Implementation Plan (Already actioned in Pilot Call)

Outputs Continued....

Proposed actions across JPIs, within Water JPI and at National/regional levels

Focus on research areas where nationally funded research is existing aiming at building joint critical mass – eg centres of excellence	L/M/M
Alignment leads to joint transnational calls (eg funded by ERA-NET Cofund) and joint transnational calls lead to alignment	See Implementation Plan
Development of transnational procedures for prioritising, evaluation and decisions on funding	M/M/M
Coordinated funding decisions in each country (time, amount and topic).	Partly covered by joint calls, as in detailed in Implementation Plan
Catalyzing development of national strategies	S/L/H
Linking, harmonizing and sharing information between investments under national programmes in the JPI research field	M/L/H (Degree of difficulty higher for “Bottom-up” systems)
National level dissemination/meetings targeted to specific groups – Researchers, Funders, Policy (eg. National Parliamentary Water Groups)	M/L/H
Cross JPIs Communication to the European Parliament	M/L/H
Co-ordination with other JPIs on national agency links (within and beyond Europe)	M/L/H

Task Force on Alignment

- Task Forces are ad hoc teams that consist of voluntary delegates of JPI Water members and are empowered by the Governing Board to deal with specific topics.
- TF on Alignment established in **March 2015**
- The TF was asked to prepare a **Roadmap on Alignment Activities** and to integrate the work and activities then being carried out under **WatEUr**, **WaterWorks2014** & (proposed) **WaterWorks2015**.

Composition of Alignment TF

Graham	LEEKES	NERC	United Kingdom (Lead)
Padraic	LARKIN	EPA	Ireland (Co-Lead)
Lourdes	ARMESTO	MINECO	Spain
Dominique	DARMENDRAIL	ANR	France
Miguel Ángel	GILARRANZ	MINECO	Spain
Prisca	HAEMERS	IenM	The Netherlands
Rosa	RODRÍGUEZ-BERNABÉ	MINECO	Spain
Sabine	SORGE	Jülich	Germany
Mats	SVENSSON	SWAM	Sweden
Alice	WEMAERE	EPA	Ireland

Background: Water JPI Task Force on Alignment

AIMS & OBJECTIVES

- Integrating the work and activities in WatEUr, and Waterworks ERA-nets
- Reviewing Recommendations of 2014 GPC Working Group Report on Alignment
- Identifying areas of common interest, and relevant mechanisms/instruments
- Building on 1st W/S on Alignment, ERA-Learn and JPI to Co-work;

PROGRESS:

- Developed survey of alignment led by EPA
- Prepared Second Alignment Workshop *Paris Nov 2015*

Alignment Questionnaire

- Questionnaire contained 19 questions
- Sent to the GB Technical Support personnel (*Aug 2015*)
- 24 countries received the questionnaire
- 22 countries replied

Key Messages

- There is an agreed Water Research Agenda at some level in most countries
- Most agendas are influenced to some degree by the SRIA of the Water JPI
- Most agendas are a combination of Top-down and Bottom-up
- Takes 1-2 years to prepare a new RDI programme and most programmes run for 3-10 years
- New RDI programmes spread over the coming years up to 2020
- Multitude of funding agencies in most countries
- Reasonably good awareness of the water JPI, but also room for better co-ordination and clarity in dissemination at national levels
- Mapping exercise should be widened and deepened for better results.

Water JPI Second Alignment Workshop

Water JPI Alignment Task Force and
WatEUr Task 4.5 Meeting



November 2015
Paris

Purpose of Second Alignment Workshop

Main Objective:

To advance and firm up a plan for alignment activities that should be achieved by the Water JPI.

Aim to :

Explore the ways in which Water RDI is dealt with in the Water JPI partner countries - how priorities are developed and programmes develop (including lead in times).

Consider practical measures to take the opportunities for water JPI priorities to influence these processes (including the recommendations from the GPC and 1st Alignment Workshop)

Take into account new information and other mechanisms (e.g. Used in FACCE, such as knowledge hubs, along with the opportunities linked to the ERA-nets, ERA-Learn etc.)

Develop a definitive plan of actions within the Water JPI, through the Alignment Task Force, WatEUr, and WaterWorks ERA-nets.

Agenda for Workshop (Part One)

1. Welcome and Background

- Summary of first workshop and purpose of this meeting
- Briefing from EC DG Research (TBC)

2. Recent progress across JPI's and other international initiatives

- ERA – Learn Workshop Alignment Typology Development
(**Caroline Lesser, INRA, France**)
- FACCE alignment activities
(**Dorri Te Boekhorst, Wageningen Univ and Research centre, NL**)
- Examples of Water RDI alignment: Short informal contributions
(**from countries participating in the TF on Alignment: IE, SP, FR, IT, NL**)

3. Results of the Survey

- Commonalities/synergies in national priorities and approaches
- Issues, including the challenges of inter-operability
- Discussion

Agenda for Workshop (Part Two)

4. Break Out on Ideal Alignment Scenario - including methods/activities/incentives/key factors for success to promote alignment at national levels

- Breakout Discussions
- Report back from subgroups by rapporteurs and discussion

5. Top Ten Recommendations and Priority Actions for the Water JPI at programme and national levels.

Top 10 Recommendations from the Workshop

Short Term (in the next 6 months)

- 1) Translate the non-technical vision document into the native language of each member states (in-kind support)

Action: Document finalised and circulated to GB members at GB8.

- 2) Disseminate the public friendly versions of the SRIA 2.0 in an effective manner at EU and National levels (in native languages) for different audiences

Action: To be translated into native languages by GB members

Short Term (in the next 6 months)

- 3) Prepare policy relevant flyers on the Water JPI for water directors and managers

Action: Main idea is to inform European water directors and managers about the JPI and its objectives and motivate them to take part – either in questionnaires, interviews, workshops or actively in our research projects.

- 4) Use mid-term meeting/ERA-NETs of those organisations involved in the pilot call as opportunities to develop wider engagement

Action: Workshop in Vienna

Medium Term (in the next 2 years)

- 5) Arrange a meeting of research funders in member states to explain the work of the Water JPI

Action: GB members' responsibility.

- 6) Improve contacts with water economic sector (e.g. WssTP) and, where possible, create clusters to discuss and generate new research topics with SMEs and innovators (along the supply-chain)

Suggestion: Topic for one of the exploratory workshop under WW2014 (e.g. "identify new research topics with SMEs and Innovators")

Medium Term (in the next 2 years)

- 7) Consider all relevant actions related to the EU Water Framework Directive and any associated issues related to climate change

Suggestion: Link with DG Environment already done through the CIS as one of the representatives of our SAG. Each GB member should contact their national contact at CIS.

Long Term (over next 5 years)

- 8) Help the countries without a national SRIA to define priorities for water research

Action: Roadshow in Estonia planned for October 2017

- 9) Develop mechanisms to gather and respond to wider national level RDI perspectives

Action: Annual Flexible updates of the SRIA.

- 10) Upgrade the Water JPI SRIA as the European Agenda (Programme Committee level)

Action: Done at GPC level. The Water JPI coordination/MB and the GB have to liaise with DG R&I and DG Env.

ERA-Learn Typology

Action	Description	Overall approach	Cooperation mode	Intensity	Available instruments	Dedicated EC instrument	Financing	Implementation	Actors	Benefits /Strengths	Weaknesses/ Challenges	Examples
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Actions arranged into 8 categories

<i>Category</i>	<i>No. of Actions</i>
RESEARCH PLANNING	2
RESEARCH STRATEGY	5
RESEARCH FUNDING	5
RESEARCH IMPLEMENTATION	10
RESEARCH EVALUATION AND REPORTING	2
TRAINING OF RESEARCHERS	1
RESEARCH INFRASTRUCTURE AND DATA	3
RESEARCH DISSEMINATION AND UPTAKE	2
	30

ERA-Learn Typology

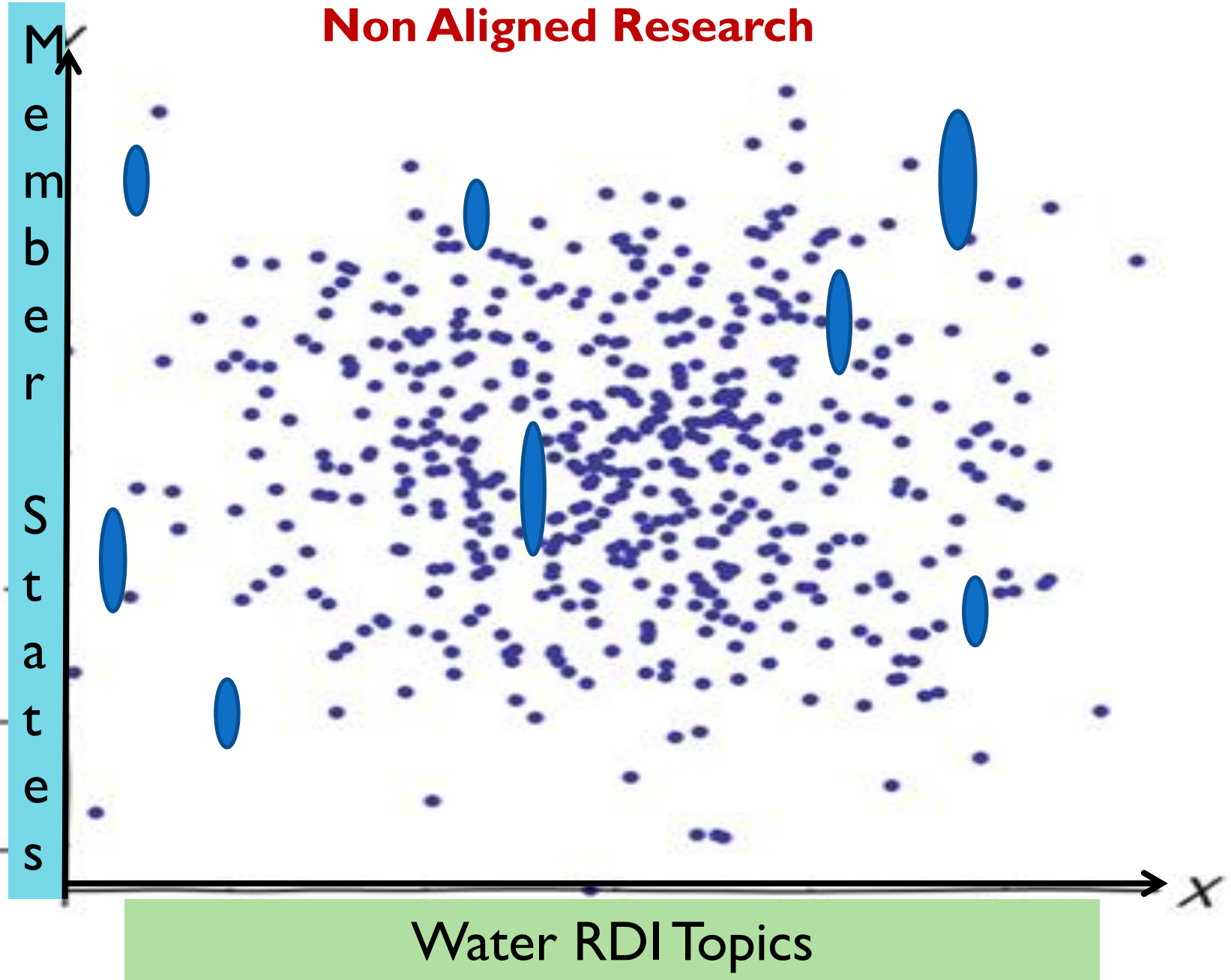
Action	Water JPI Progress	Comment
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Action	Water JPI Progress	Comment
Conduct of joint foresight	Done	Vision document
Conduct of joint mapping	Done	May need to be repeated based on feedback from the Alignment Questionnaire
Adoption of common strategic research priorities	Done	SRIA2
Adoption of a common strategic Implementation / Action Plan	Done	Implementation Plan in place and updated for the period 2017-2019
Conduct of joint stakeholder consultations	Done	As part of the preparation of SRIA2 consultations were held with all relevant stakeholders including the public
Cooperation between JPIs	Ongoing	Waterworks 2015 done in cooperation with FACCE JPI

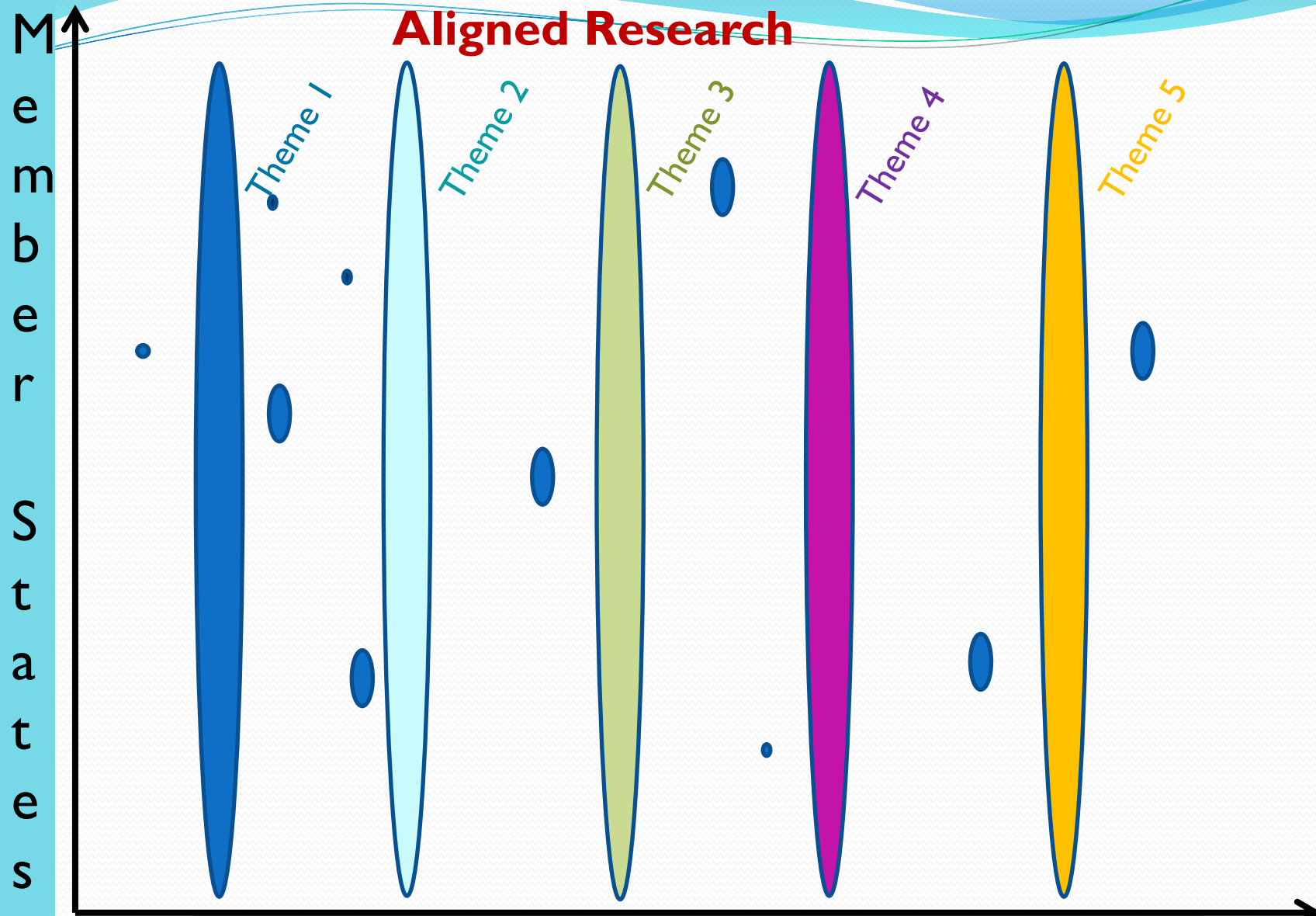
Action	Water JPI Progress	Comment
Organisation of a joint transnational call for research proposals	Done	3 Joint Calls to Date 2 more in preparation
Set-up of a network of researchers for a narrow thematic area of research (relevant to a JPI strategic research agenda)	Planned for 2018	Knowledge Hub
Joint Training of Researchers	Planned for 2020	Mobility Platform
Shared use of existing National Research Infrastructures	Planned for 2020	Infrastructure Platform

Action	Water JPI Progress	Comment
Coordination of scientific techniques and methodologies	Ongoing	This should emerge from knowledge hubs
Standardisation of scientific techniques and methodologies	Ongoing	This should emerge from knowledge hubs

Non Aligned Research



Aligned Research



Aim for 2020

- While all National Research budgets will be spent nationally
- 20% of the budgets will be directed to Water JPI work



Alignment: On-going Water JPI Activities

- Update of our Common Vision & SRIA (Strategic-level)
- Joint Transnational Calls (Organisation-level)
- Mapping of research work and research infrastructure
- Thematic Annual Programming (national projects-level)
- Good Practices Workshops
- Alignment Workshops (3rd one today)
- Networking workshops (Water JPI projects-level)
- Training and capacity building activities (Network-level)
- Interactions with Horizon 2020 (Task Force-level)
- Access to Mobility/Infrastructure Platform (Supporting tool)
- Knowledge Hubs (researchers/projects-level)



Everyone singing from the same hymn sheet



Successful Alignment

Research Questions

will be Answered



Thank You

Discussion / inputs / suggestions



Water JPI Third Alignment Workshop

What is alignment?



Panagiotis Balabanis
DG Research

4th April 2017. Stockholm



What is alignment?

Some perspectives from the EC services

Water JPI Alignment Workshop, 4 April 2017, Stockholm, SE

Panagiotis BALABANIS
European Commission - DG RTD
Deputy Head of Unit I2 – Eco-innovation

Joint Programming

- ✓ "European research must focus on the Grand Challenges of our time moving beyond current rigid thematic approaches. This call for a new deal among European institutions and Member States, **in which European and national instruments are well aligned** and cooperation builds on transparency and trust" (Lund declaration 2009)
- ✓ "**By aligning and coordinating the institutional funding committed under national research programmes**, which account for 88% of the public research in Europe, we can better exploit our resources for maximal societal impacts" (Dublin Joint Programming Conference 2013)
- ✓ "**Alignment is the strategic approach taken by Member States to modify their national programmes, priorities or activities** as a consequences of the adoption of joint research priorities in the context of Joint Programming with a view to implement changes to improve efficiency of investments in research at the level of Member States and ERA" (High Level Group of Joint Programming)

Alignment - Key issues

- ✓ What impacts on national R&I programmes, strategies and funding?
- ✓ Alignment to other national/regional policies?
- ✓ What impact on stakeholders beyond the traditional R&I communities?
- ✓ Which visibility?
- ✓ What impact on research capacity?
- ✓ What impacts at EU level beyond joint calls?
- ✓ How to better coordinate various water related EU P2Ps?

Issues for future consideration

- ✓ What lessons learnt up to now?
- ✓ How can the coherence between current alignment instruments be improved, their impact further increased and the implementation simplified?
- ✓ How to achieve more stable long-term funding?
- ✓ How to focus on impact-based implementation?
- ✓ How to give more ambition to JPIs?



Thank you for your attention!

Find out more:

www.ec.europa.eu/research/horizon2020



Water JPI Third Alignment Workshop

What is alignment?



Leonidas Antoniou
GPC

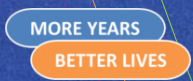
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2017 Water JPI Alignment Workshop

4th April 2017 - Stockholm, Sweden



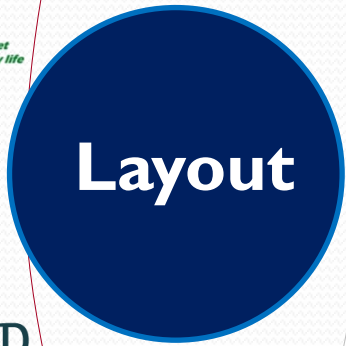
What is alignment? GPC's perspective



Leonidas Antoniou
GPC Chair

Research Promotion Foundation, Cyprus

Layout of Presentation



- Evolution and Milestones
- GPC Work on Alignment
- Conclusions and Future Role

50



I. Milestones - Evolution



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**MILE
STONES**

- **2017 Interim Evaluation of H2020 & FP9**
- **2016 Hernani Report**
- **2015 LUND Revisited**
- **2014 Council Conclusions**
- **2013 Dublin Conference**
- **2012 Acheson Report**
- **2011 Council approved the 2nd Wave of JPIs**
- **2010 1st wave of 3 JPIs was approved**
- **2009 LUND Declaration**
- **2008 Establishment of Joint Programming**


 2008

Establishment

EC Communication (July 2008) - Council Conclusions (Dec. 2008)

Definition of JP

- MS engaging **Voluntary** and on the basis of **variable geometry** ...in the definition, development and implementation of **common strategic research agendas**...based on a common **vision** on how to address SC...



Rational

- R&I coordinated at EU level is **less than 10%** (FP+other) hence we need to have **more coordination**...
- issues are too complex for countries to tackle them individually and **budget is also limited**.
- necessity of improving the science/policy interface / dialogue - **more programmatic and strategic approach**

Criteria to identify JPIs

- ◉ **Commitment** of MS
- ◉ Theme: addresses a **European/global challenge**
- ◉ Clear and realistic **objectives**
- ◉ **Added value - Benefits citizens / competitiveness**
- ◉ Relevant **Stakeholders** have been involved

GPC
2009-10

Framework Conditions

- ◉ **peer review** procedures
- ◉ **foresight** activities and **evaluation** of JPI
- ◉ optimum **dissemination** and **use** of research findings
- ◉ funding of **cross-border** research
- ◉ **Involvement of** scientific and industry **communities.**



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**Lund
2009**




Lund Declaration

- ...called upon MS and European Institutions to focus research on the grand challenges of our times **by moving beyond rigid thematic approaches and aligning European and national strategies and instruments...**




2012

Acheson Report

-  The overall conclusion reached by the Expert Group is that the **JPP has got off to a good start**, although the process can only reach its full potential if commitment and financial support from MS continues.
-  MS need to move away from the idea that JP is about bringing new funds to address specific research ideas in single joint calls, to a **realisation that it is about aligning existing national programmes** to tackle major societal challenges.
-  The MS should increasingly **align national strategies and programmes with the JPI SRAs**

JP Conference in Dublin

- The main conclusion gave huge emphasis on the “**alignment of strategies and research programmes and their joint implementation**”.
- MS need to renew their commitment to joint programming and **engage fully in the alignment of national research programmes**, in order to unlock the potential of joint programming and move from planning to implementation.
- The expectation was that **countries would adjust their national activities to the JPIs’ SRA/SRIA** and Implementation Plans and even to **align with the activities in other countries**.



Dublin
2013





Council Conclusions

- The Conclusions considered that **the development of the ERA Roadmap should take into account alignment**, where possible, of national strategies and research programmes **with the Strategic Research Agendas of the JPIs.**



CC
2014




**LUND
2015**

Lund Declaration 2015

- During the last six years European institutions, MS and AC **have taken important steps to align and coordinate resources** and shift the focus towards SC...
- The **Lund Declaration 2015** therefore **emphasises the urgency of increased efforts in alignment at national and European level...**
- **4 Priority Areas:**
 - **ALIGNMENT**
 - Frontier Research and European Knowledge Base
 - Global Cooperation
 - Achieving Impact on SC



Priority Actions for Alignment



- Provide **high-level political support** ensuring active participation of all MS and AC
- Step-up efforts to **align national strategies, instruments, resources and actors** to ensure an efficient and effective European approach including **smart specialisation strategies**
- Speed up necessary structural changes **to increase interoperability and openness of programmes**, in the context of national ERA roadmaps
- Agree on a common approach and design a process for **“smart alignment”** that allows **MS to jointly identify and address new challenges**.

**LUND
2015**

CULTURAL HERITAGE
A CHALLENGE FOR EUROPE

JPI
OCEANS

jpiamr
Joint Programming Initiative
on Antimicrobial Resistance

Water
JPI

JPI
a healthy diet
for a healthy life

JPND

FACCEJPI

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JPI Climate

URBAN@EUROPE

Hernani Report

- **premature to judge** whether the JPIs can be an enabler of alignment, as some of the SRA/SRIAs were only developed after 2013.
- **All of the JPIs give examples** of some countries adopting the SRA/SRIA in their national programmes but the **overall picture is quite mixed.**
- The degree of difficulty seems to vary **depending on the topic.**
 - Eg. JPND was on the research (and political) agenda of most countries and so it was easier to achieve alignment than for a more niche subject like Antimicrobial Resistance (AMR).
 - In the broader areas, such as Oceans and Urban Europe, the national landscape is more diverse and more ministries have an interest.

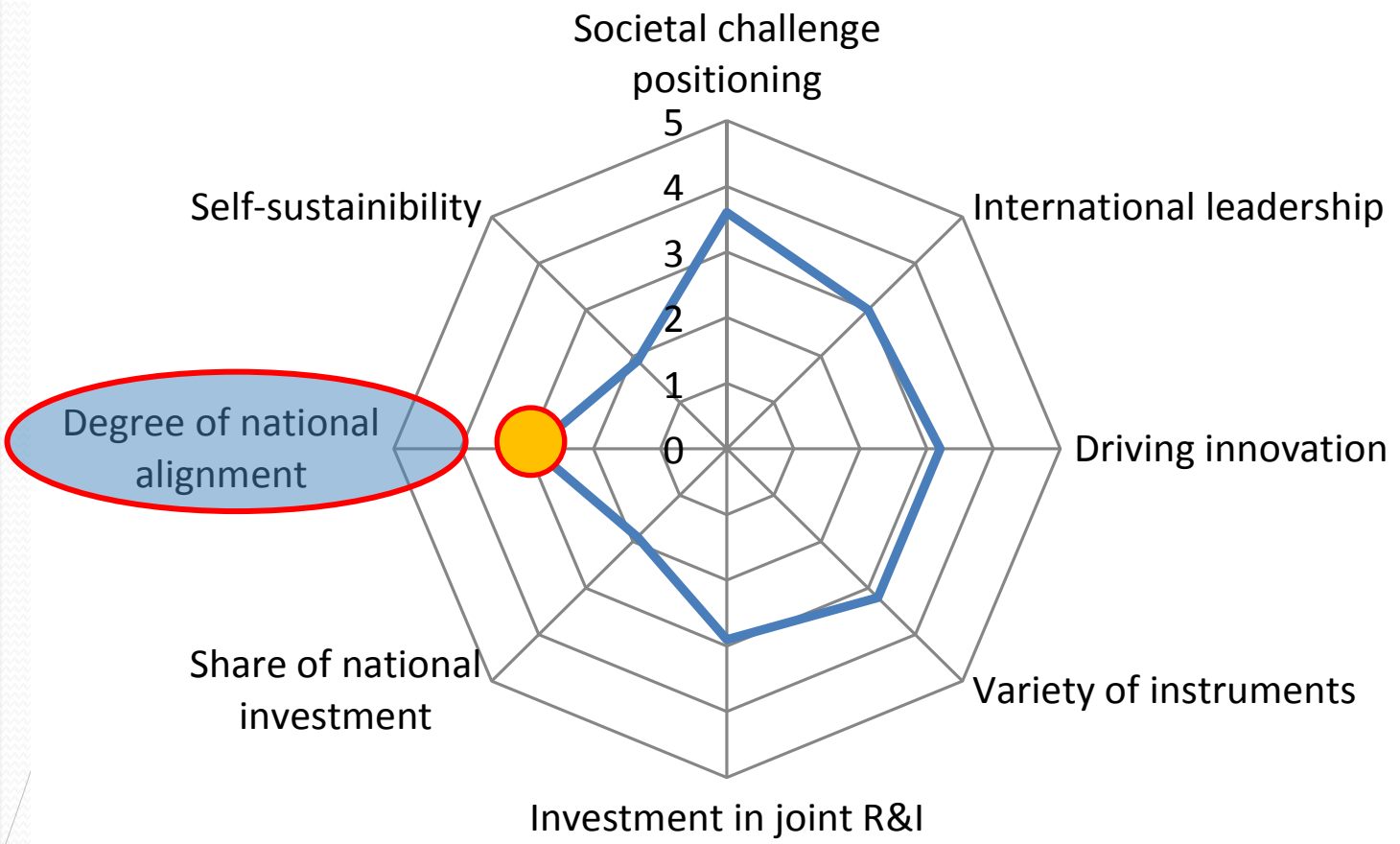
**Hernani
2016**



MOBILISATION

Performance Indicator

Degree of National Alignment : the extent to which the national programming systems are being aligned to the SRA/SRIA.



JPI AVERAGE

IMPACT

Recommendations

- a JPI has to **reach a certain level of activity**, for a country to **consider it significant enough to influence national strategies** (not just the SRIA's “promises”)
- the **level of representation**, both from ministries and funding agencies, would influence the importance of a JPI at the national level.
- the national actors involved (possibly coming from different ministries) **need to be highly coordinated** to build together solid positions.
- to be addressed in the **forthcoming National ERA Roadmaps**.
- more **top-down commitment** and **spread of good practice** is clearly needed

**Hernani
2016**






**ERA
2016**


National ERA Roadmaps

2a «Jointly Addressing Grand Challenges»

ERA Top Action Priority:

- 
Improving alignment within and across the Joint Programming Process and the resulting initiatives (e.g. JPIs) and speeding up their implementation.

- 
 «Contribution to the formulation of the priorities of the SRIA of JPI's and other Joint Initiatives»

- 
 «Effective use of national resources for addressing Societal Challenges and utilization of existing related instruments and Framework Programme Initiatives».



WG “Alignment in the context of JPIs”

Chaired by Mogens Hørder - DK

II. GPC Work on Alignment

IG2 “Alignment and Improving Interoperability”

Chaired by Karin Schmekel – SW





Definition

“Alignment is the strategic approach taken by MS’ to *modify their national programmes, priorities or activities* as a consequence of the adoption of joint research priorities in the context of Joint Programming with a view to implement changes *to improve efficiency of investment in research at the level of MS and ERA.*”

Recommendations - MS

- Stronger interministerial coordination is needed, involving **commitment and funding from several ministries**
- New ways of engaging institutions, by developing a **coordinated approach for institutional and project-based funding.**
- Alignment is catalysed when **there is a national top-down programme/strategy** in the domain.
- MS do not necessarily need thematic programmes that exactly mirror a JPI's SRA but **they do need a national strategic approach towards the respective challenge.**
- It is essential that **MS' engagement is visible and long-standing.**

GPC WG



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Recommendations for actions of JPIs

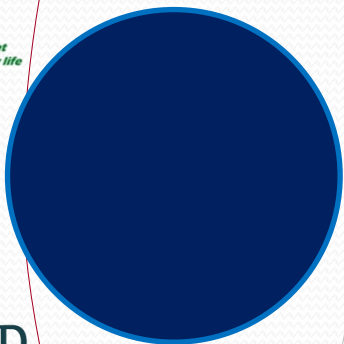
- **aligning all actions spanning the programming cycle:** from joint **foresight**, development of **SRIA**, to joint **funding, implementation and ex-post evaluation**.
- mobilization of **in kind resources** (e.g. research infrastructures)
- use **different actions and tools based on their unique characteristics** (type of challenge, existing national programmes, available resources - economic, human and technical) and the **phase of development they are...**
- **Good practices** should be further **developed, shared among JPIs and promoted throughout MS**.
- Actual **best practices will change over time** depending on the three phases of the JPI.

GPC WG



Monitoring the progress of alignment

- A JPI should **continuously monitor the implementation of good practices for alignment**. With time it can test different alignment activities.
- A MS should **identify how much its own “programmes, priorities and activities” have changed since its commitment to the JPI** and/or the adoption of the SRA. e.g. change in the:
 - content of research
 - volume of research ,
 - way the programme/activity is executed
 - research output.
- The **GPC should regularly monitor the progress of alignment** as achieved by the individual JPIs and MS.



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Alignment in the perspective of ERA

- The **alignment of national policies/programmes towards JPIs is pivotal for the role of JPIs in ERA.**
- **JPIs should become platforms for strategic programming and foresight** for MS working jointly together according to the identified good practices for alignment.
- The **European Commission should facilitate the process of alignment** by mapping, monitoring and evaluating the synergetic actions taken in the domains of SC between MS and between MS and the EU-level.

GPC WG



Governance of the national JPI process

“The aim is not to state how the national alignment should be achieved, but rather to describe the goal and find good arguments for the work towards efficiency and better alignment of tools and processes. Every country will have its own way to accomplish this.”

GPC IG2





National JPI Governance Structure

- The national JPI governance structure **should facilitate coordination at all levels.**
- All relevant **ministries** have the **joint responsibility to process shared experiences and formulate a common national policy** for the JPIs
- A **national working group** should **exchange experiences** which would then constitute the basis for policy making
- The **GPC representative(s)** should **participate in/drive the national JPI governance coordination**

GPC IG2



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Mutual Learning Exercise (MLE)

- conducted within the **Policy Support Facility** to explore new ideas and solutions for:
 - (i) increasing the commitment of the MS and AC to the JPP,
 - (ii) **enhancing alignment of strategies and programmes**, and
 - (iii) improving interoperability between ERA and EU

**GPC
MLE**

- The first MLE sequence: **National Coordination**

Duration: July 2016 - June 2017 // 10 Countries

To support MS in designing, implementing and/or evaluating different policy instruments in relation to:

- **National preconditions for participation** in JPP/JPI
- **National governance structures**
- **Communication flows and visibility**



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IG3 "Monitoring and Evaluating JPis"



**GPC
IG3**



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Topic dimensions facets		Engagement dimensions facets		Governance dimensions facets		Results dimensions facets		
Value Added	Relevance	Critical Mass	Number of Countries	Value Added	Alignment	Value Added	Societal Benefits	
	Societal Benefits		Quality of Actors	Focus	Leadership		R&D&I	
	Internationalisation		Track Record		Maturity	Strategic Vision	Internationalisation	
	Track Record		Commitment	Leadership		Maturity	Leadership	
Focus	Internationalisation		Robustness	Sustainability	Maturity	Strategic Vision	Efficiency	Knowledge Transfer
	R&D&I			Relevance		Commitment		Fragmentation
	Resilience	Track Record		Sustainability	Robustness	Structuring Effect	Internationalisation	
Structuring Effect	Inclusiveness	Coverage	Quality of Actors	Openness		Alignment		
	Coverage		Inclusiveness	Openness	Strategic Vision			
Coverage	Alignment							

Alignment: criteria for the evaluation of both new and existing JPis



GPC Opinion on the “Future of JP to Address SC”

III. Conclusions - Future

in the context of the mid-term review of H2020 and the preparation of the FP9



Conclusions

- There were **expectations** in the beginning of the process that **through JPIs substantial additional funds for research on SC could be mobilized.**
- These expectations have **not been realistic and could not be fulfilled.** In times of budgetary constraints, it was naïve to believe that MS would mobilize large additional resources for initiatives with a pilot character.
- Using their SRIA as a basis, the **JPIs have engaged in a broad variety of joint alignment actions** such as calls, knowledge hubs, infrastructure and data sharing, foresight, mapping and international outreach.
- **Potential Alignment Future Targets** can include: implementation of the **national governance process, institutional alignment, design of national programs in the spirit of European alignment**

Conclusions




 Main
 Challenges

I. Coordination and Governance

- an **overarching approach for the JPP** in the broader context of strategic, mission-driven research and innovation

II. Commitment

- a **renewal of the political commitment** at the highest level in the MS and ACs

III. JPP Sustainability

- a “**JPI roadmap-model**” could be considered.
- to avoid operational bureaucracy, **long-term support and cooperation with the EC is necessary**

IV. Impact

- **monitor the impact of JPIs on alignment** and added value for science and society - focus on **science/policy interface, Open Access, proactive knowledge transfer** - close link with innovation-oriented initiatives (KIC, EIP, JTI).

V. Participation – Global Dimension

- acting alone (as Europe) cannot solve SC. International Cooperation should become a strategic goal of JPIs

Future Role of JP

- The P2Ps have the potential to successfully contribute to the task of tackling SC by structuring the R&I landscape in their areas.
- JP can be an extensive and successful attempt for advancing alignment of national policies and programmes targeting common SC.
- In the next FP, P2Ps should act as major partner of the EC in the definition of future R&I programmes in the area of SCs.
- In order to be able to play such a political role, JPIs need to refined their concept and developed into strategic hubs/platforms for their respective challenge in pursue of strategic alignment.
- The GPC fully supports this development.

FUTURE



Thank You



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Water JPI Third Alignment Workshop

Mirror Group Survey

Alice Wemaere

EPA, IE

4th April 2017. Stockholm



Mirror Group Case Study

Definition

National group set up to:

- Disseminate/coordinate water research-related activities at national level and
- Report back on Water JPI activities and coordinate the national contribution to these activities

Aim of this case-study:

- To assess the added value of having a national Mirror Group to encourage alignment with & active participation in the Water JPI activities

Who?

- *France, Finland, **Ireland**, Italy, Sweden, United Kingdom*

Survey

- Mirror Group Description
- Mirror Group Role
- Added value of the Mirror Group

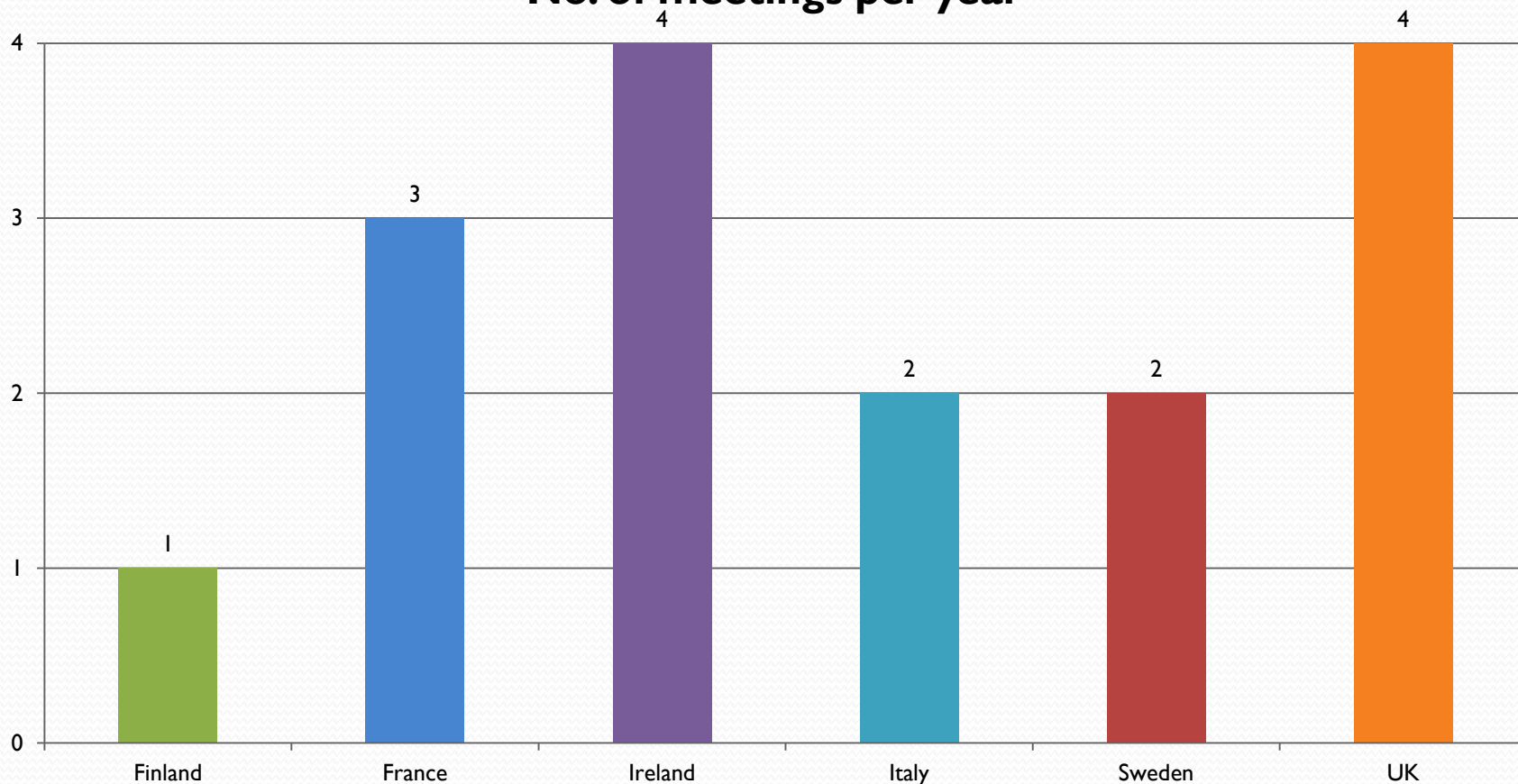


How was it set up?

Respondent Organisation	Response
Academy of Finland (Finland)	Group of stakeholders invited to AKA to discuss Finland's role in Water JPI
ANR (France)	By French GB Members, with the key actors at national level
Environmental Protection Agency (Ireland)	The EPA invited other relevant funders (i.e. funding Water Research in Ireland) to take part in a coordination group at national level for Water Research (remit of the EPA) - The membership was widen at a later stage to key stakeholders.
MIUR (Italy)	It was set up alongside the SC 5 national consultation board
Formas (Sweden)	Invitations sent to other authorities
Natural Environment Research Council Centre for Ecology and Hydrology(UK)	Superseded previous body (UK Water Research and Innovation Partnership)

What is the frequency of Mirror Group meetings?

No. of meetings per year



Who is in the Mirror Group?

Sweden

Policy Makers/national
thematic ministries-
departments

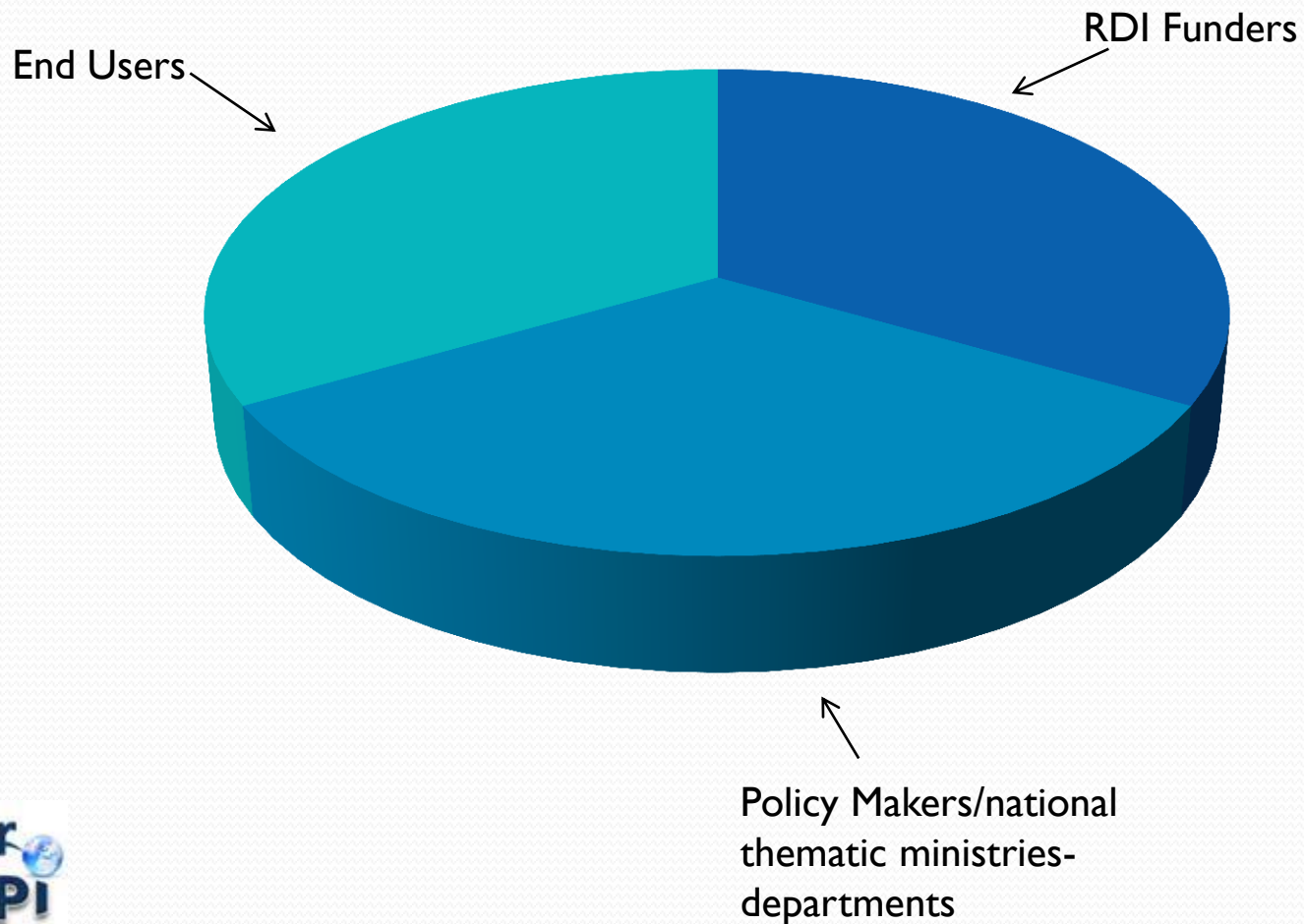


RDI
Funders

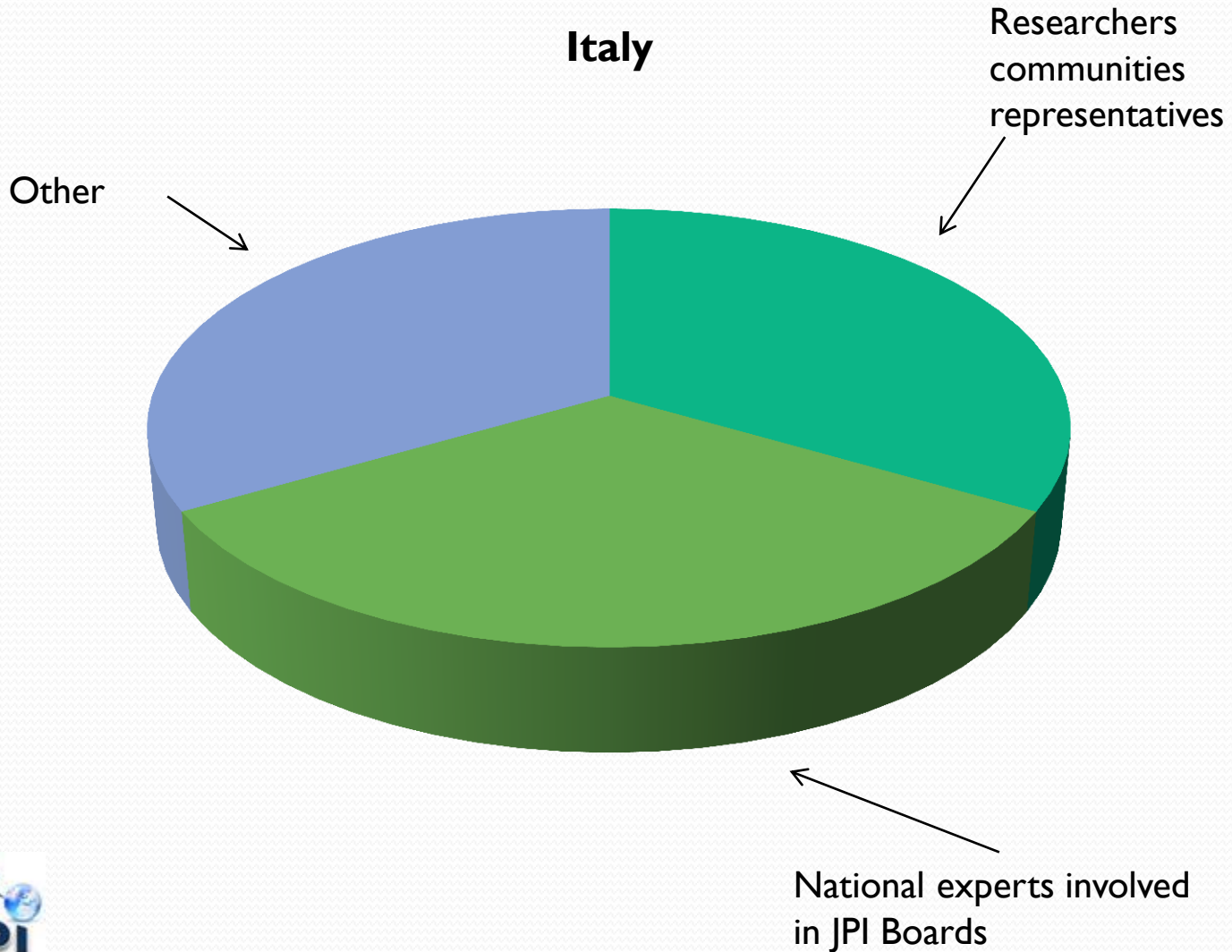


Who is in the Mirror Group?

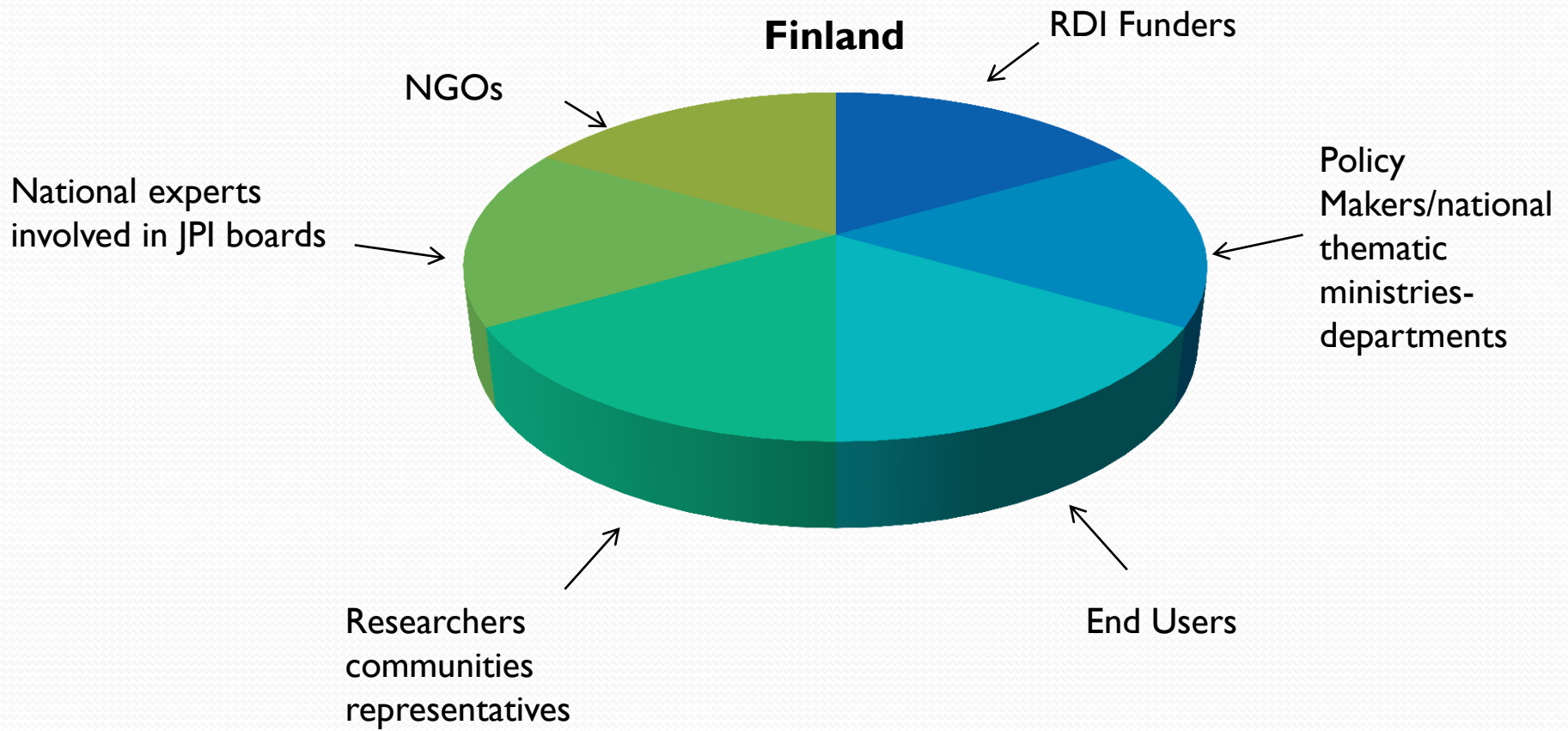
Ireland



Who is in the Mirror Group?

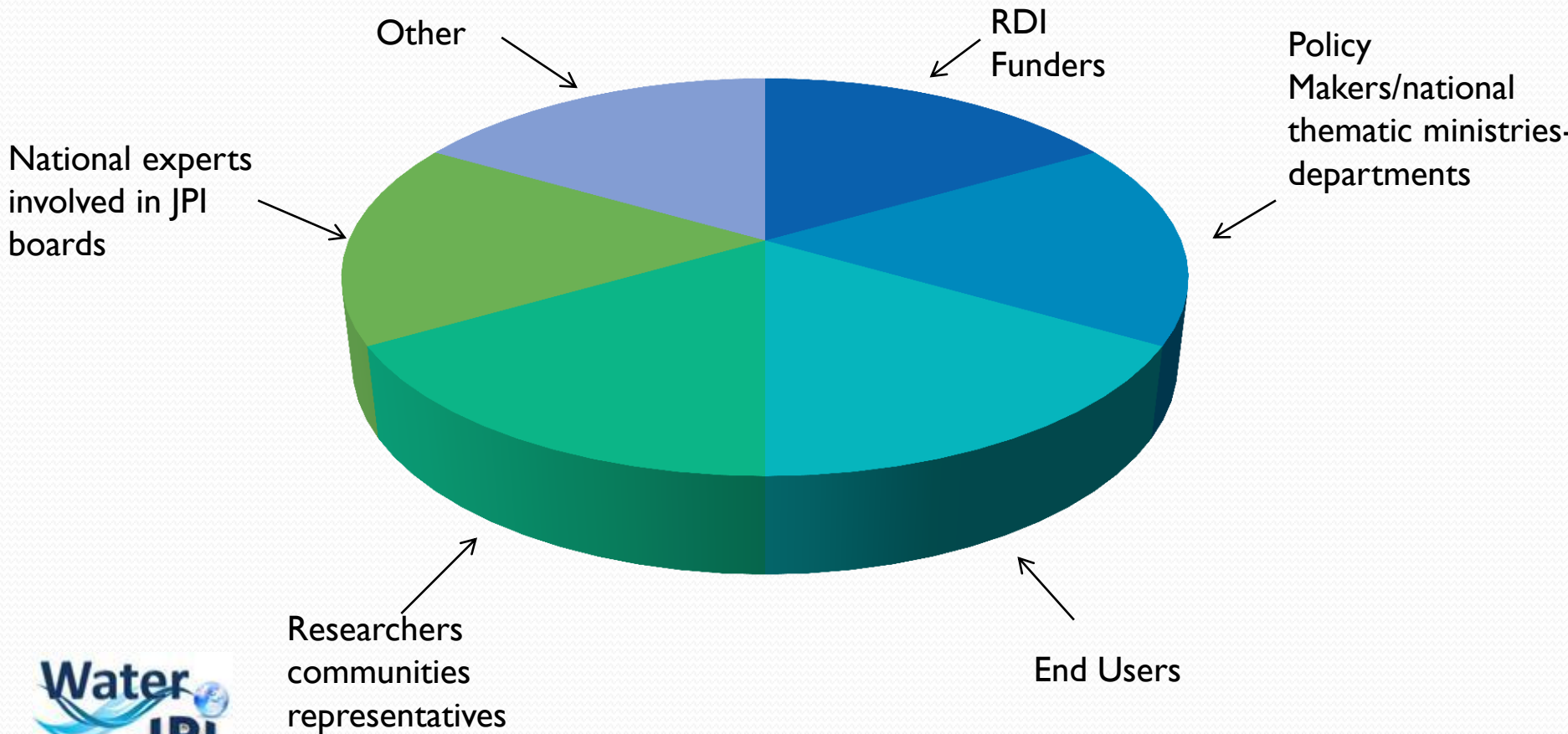


Who is in the Mirror Group?

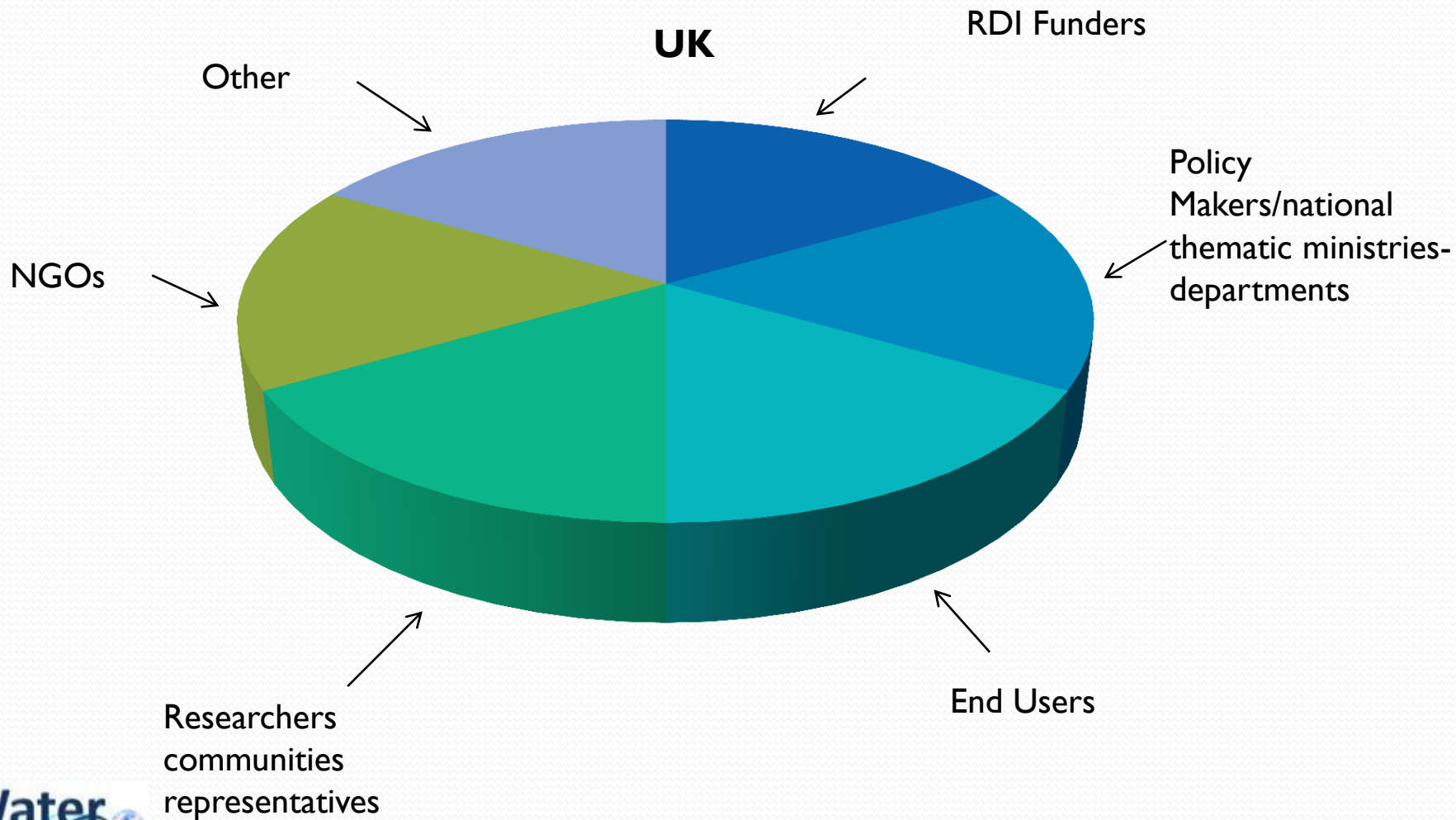


Who is in the Mirror Group?

France



Who is in the Mirror Group?



What is the main added value for the Water JPI, in having the Mirror Group meetings?

- Facilitates national commitment to Water JPI
- Dissemination, Synergies, Avoidance of duplication, Developing co-funding opportunities
- Discussion and sharing vision, focus topics, recent and upcoming activities and projects (at national and EU level)
- Creating the conditions for transferring cross-cutting input to Water JPI representative(s)
- Spread the international work that the Water JPI
- Adding European perspective, issues and priorities

What is the main added value for Mirror Group members, in having the Mirror Group meetings?

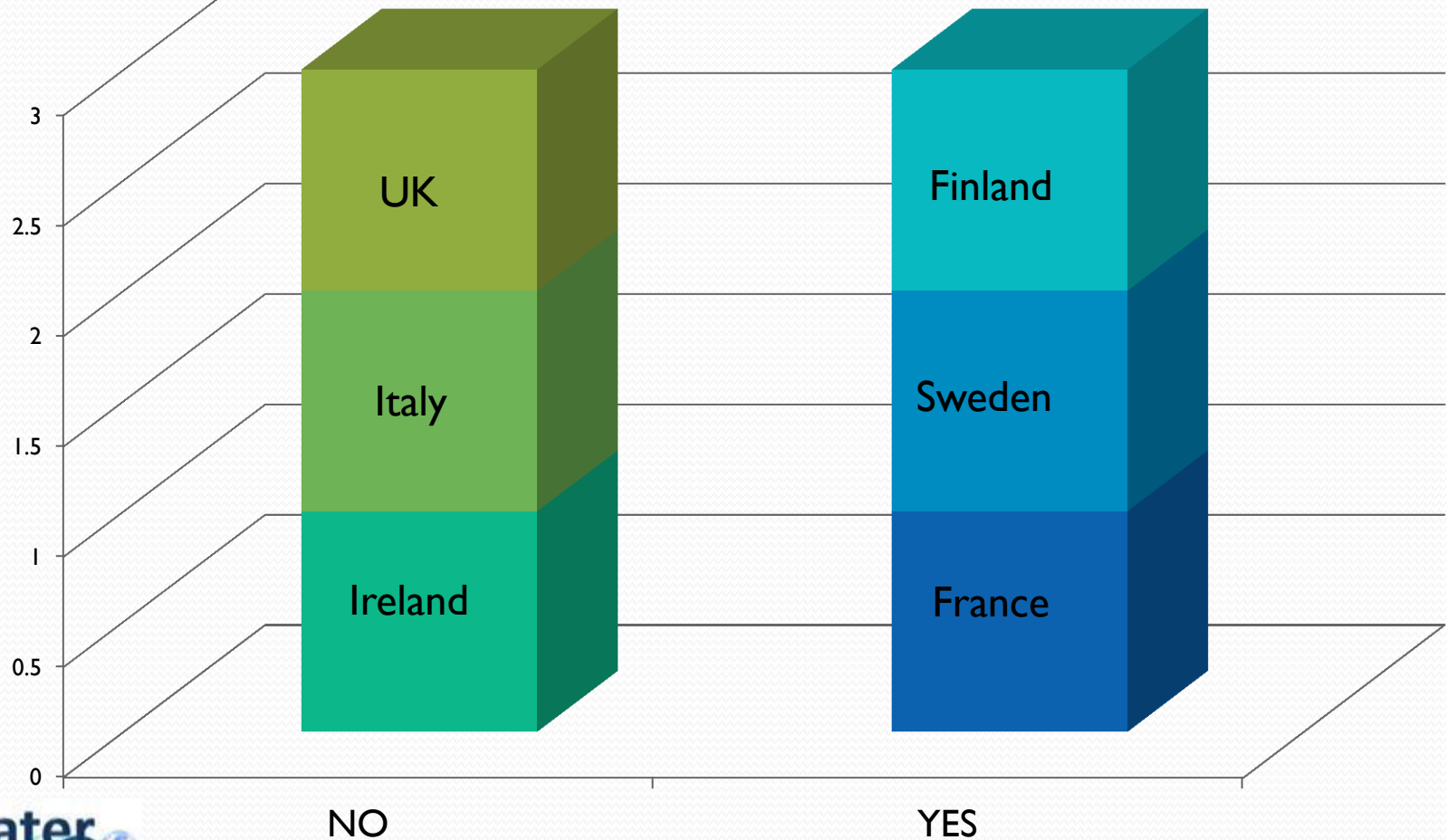
- Networking, impacting the SRIA and knowledge exchange
- Dissemination of information, possibility to participate in Water JPI activities, possibility to influence activities or strategy
- Being informed, contribution to activities, increased commitment
- Dissemination, Synergies, Avoidance of duplication, Developing co-funding opportunities
- Funding cycle planning
- Knowledge of JPI activities
- Receiving an overall vision of the EU-related water agenda/strategic plans gathered from the Water JPI perspectives,
- To get information on Water JPI activities and calls as well as supporting and giving input to the Water JPI work
- Knowledge exchange

What is the role of the Mirror Group in the context of stakeholder involvement and engagement?

- The mirror group representatives are the relevant stakeholders.
- The stakeholder involvement was the first aim of the MG
- Identifying stakeholders needs, promoting actions for involving more, plan activities with them
- Identifying stakeholders needs, promoting actions for involving them more
- Involving stakeholders priorities and needs, sharing information

- Limited/none
- Key stakeholders are represented in our Mirror Group. However, we would not see that engagement as such has been promoted by the current set-up of our group - rather better communication/dissemination
- It involves stakeholders when needed both to give information regarding WaterJPI and to get input from stakeholders and end-users to the waterJPI
- The Mirror Group offers opportunities to report RDI priorities, new initiatives and outcomes to wide range of stakeholders

Was the Mirror Group set up specifically to facilitate Water JPI activities?



In your view, does the Mirror Group facilitate alignment of national water related research activities with those of the Water JPI?

Respondent Organisation	Response
Academy of Finland (Finland)	YES
ANR (France)	YES
Environmental Protection Agency (Ireland)	YES
MIUR (Italy)	YES
Formas (Sweden)	YES
Natural Environment Research Council Centre for Ecology and Hydrology(UK)	NO



This group highlights many areas of research activity and issues in common with the JPI, but is not driven by specific priorities of the Water JPI

Which success factor criteria (e.g. indicators) could be used for the Mirror Groups?

- % of input to SRIA being taken into account
- Commitment
- National contributions / position papers / National answer to JPI activities
- National budget contributions, number of meetings, involved people, position papers,
- Cofunding levels at national but also for JPI calls, level of feedback received on strategic/calls documentation, Ensuring that all members get added value for their participation
- Policy drivers
- Indicators evaluating quantitatively the shared knowledge awareness of the end/active users and the impact of the MG on the national and international/EU water agenda.
- Cooperation, Knowledge transformation, Communication,
- Future engagement with JPI partners (within/beyond Europe).

For countries without a Mirror Group, can you suggest what they need to know to establish a Mirror Group in their country?

- To know key stakeholders in the field
- Mapping their actors, exchange with them for seeing if interested
- Check the interest of water significant players (stakeholders, research)
- Clear Terms of Reference, Ensuring that all members benefit from the membership to the Group, Ensuring that all key funders as well as main stakeholders are included
- Strong organisation mandated with water-related issues, that has good internal support for a leadership role (funds, staff, vision)
- (i) Gathering an overall view of the stakeholders at the country scale. (ii) The identification of key institutions considering all sectors/types of organisations

For countries without a Mirror Group, can you suggest what they need to know to establish a Mirror Group in their country?

- Ministry's support to build up a network (Mirror Group). Resources from the coordinating organization in charge of keeping the group together.
- Interested partners in the group. This can be created by providing information on the benefits of being part of the group such as knowledge sharing and collaboration on calls and strategic workshops.
- Evidence of common interest across water sector and narrative which shows value of collaborations at national levels across diverse partners (and relevance of/interest in the JPI to this group).



Water JPI Third Alignment Workshop

How to do it?

Michael Dinges

ERALearn

4th April 2017. Stockholm





ERA
LEARN
2020

Alignment approaches in Joint Programming Initiatives

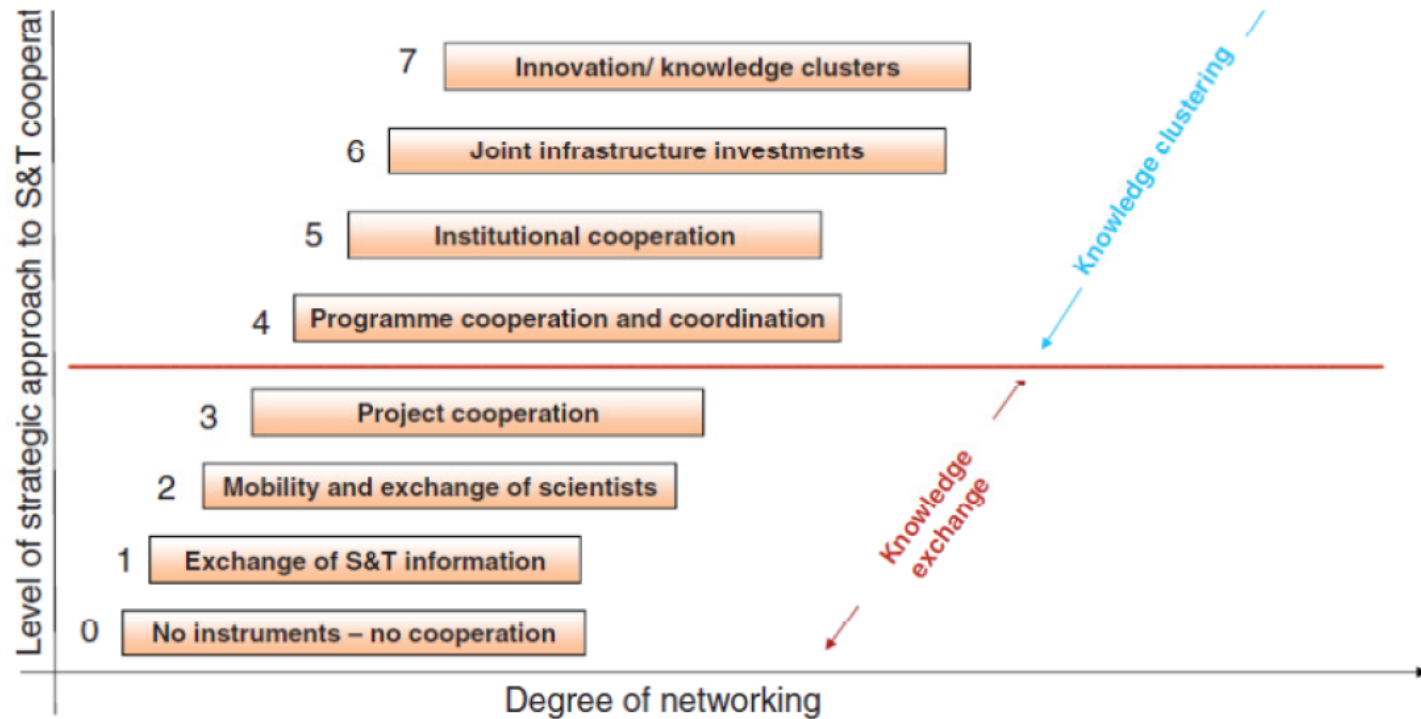
**2017 Water JPI Alignment Workshop
4th April 2017, Stockholm, Sweden**

Michael Dinges, Susanne Meyer

Alignment objectives

- (1) increase synergies among (existing) national R&I programmes and activities
- (2) trigger cost-efficiencies in research financing (e.g., via avoiding duplication of efforts)
- (3) help identifying research gaps at national/trans-national level
- (4) enhance the level of R&I performance
- (5) maximize impact on policymaking and innovation

Strategic approaches towards international co-operation in R&I



Alignment actions & actors across the R&I programming cycle: ministries and funding agencies

Planning	Strategy	Funding	Evaluation
Conduct of joint foresight	Adoption of common strategic research priorities	Networks of national and EU research funding organisations	Common frameworks for monitoring, evaluation and impact assessment for the whole P2P
Conduct of joint mapping of existing research	Adoption of a common strategic Implementation / Action Plan	Coordination or synchronisation of national calls for research proposals	Joint project monitoring
	Conduct of joint stakeholder consultations	Joint transnational calls for research proposals	Joint performance indicators
	Cooperation between P2Ps	Integrated joint research programmes	
	Cooperation between a P2P and a PPP (NEW)	Strategic, long-term integrated joint research programme: EU Article 185 Initiative	
	Cooperation with non-EU/non-Associate countries (NEW)		

Alignment actions & actors across the R&I programming cycle: research and innovation actors and communities

Capacity Building	R&I activities	Infrastructures & Data	Dissemination & uptake
Joint training	Networks/Alliances of research performing (and funding) organisations	Transnational access to specific national research infrastructure	Joint dissemination of scientific results towards policymakers
Cross-border mobility of researchers, policy makers and practitioners	Joint Research Centres	Clusters of research infrastructures for research implementation	Joint dissemination of scientific results towards stakeholders/end-users
	Networks of community of practices	New joint research infrastructure facilities	
		Open access to national scientific research outputs	
		Coordination, harmonisation and standardisation of scientific techniques and methodologies	

Process towards a Common Position on Alignment in Austria

**Alignment area:
Strategy
development**

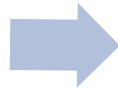
Key objectives

- **Raise awareness** among Austrian RTI stakeholders and ministries
- **Reach consensus** among stakeholders on a common alignment position
- Develop a '**Austrian position paper on alignment**' serving as a mean to reach agreement between the participating stakeholders via multiple rounds of feedback.
- **Disseminate the Austrian experience** on the development of a common position on alignment at European level

Overview of the Process towards a Common Position on Alignment in Austria

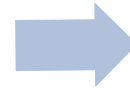
Preliminary Phase: Idea generation

- Idea generation in the MULLAT working group
- Key initiator of the process to develop a common position on alignment of all key Austrian RTDI stakeholders was the Austrian Ministry of Transport, Innovation and Technology in cooperation with the Austrian Ministry for Science, Research and Economy



First Phase: Develop common position on alignment

- Work on common understanding of alignment terminology
- Design a stakeholder involvement process to develop a common position on alignment
- Develop an Austrian Position Paper on alignment (coordinated by the Austrian Ministry of Transport, Innovation and Technology)



Next Phase planned: Implementation and Dissemination

- National: Roadmap for nat. coordination to support alignment measures and implementation (WG 'Alignment')
- European dissemination: e.g. via the Mutual Learning Exercise on Alignment
- National dissemination: e.g. via FP9-Thinktank and Austrian FP9 Stakeholder Conference



**Alignment area:
Strategy
development**

Results

- **Usefulness**
 - Key prerequisite for the successful participation in EU FPs and P2Ps
 - Consensus reaching among stakeholders through a discursive process
 - Benefits from alignment by receiving financial returns, new know-how, and better integration of national actors in European networks.
 - Better ground for finding solutions for societal challenges.

- **Preconditions**
 - Thematic priorities at national level
 - Strong cooperation and communication between key ministries
 - National programmes and funding instruments

- **Key needs**
 - Achieving better compatibility between applied national and transnational funding mechanisms and minimise transaction costs
 - Common engagement and continuity of activities
 - Evaluation and analysis of potential trade-offs of alignment should be investigated for specific programmes.



Alignment area: Strategy development

Key success factors

“The multi-phased design was highly appropriate in order a) to agree on a common understanding of alignment, b) to collect the perspectives of key RTI stakeholders and c) to decide after each phase on the next step – treating the process’ objective as a ‘moving target’.”

- **Soft policy coordination** and multi-phase approach
- **Expert support** for workshops and drafting the position paper for providing a professional set-up and legitimacy of the process
- **Interactive and collaborative methods** applied in workshops facilitated interaction among diverse actors and helped to reach consensus despite different agendas.
- **Ownership by key RTI policy makers:** The two ministries driving the process are responsible for national RTI funding
- A proper **definition and typology of alignment** enables efficient communication among diverse actors

Alignment of national funding: The case of Ambient Assisted Living (AAL)

Alignment area: R&I Funding

Key objectives

- **Background**
 - Austria is founding member of the transnational AAL Programme established in 2008
 - As a necessary pre-condition Austria has established a national programme BENEFIT dedicated to AAL in 2007
 - Austria commits about 5.0 Mio EUR annually for research and development activities to both AAL programmes (Approx. 50:50)
- **Alignment objectives**
 - Taking joint actions with other countries in Europe by following jointly agreed research priorities and funding procedures.
 - 'Building complementarities and synergies through specific national and transnational activities

Coordination of national and transnational AAL programme

- Design of national BENEFIT programme and transnational AAL programme
 - Take up of positive experiences from Nordic countries by BENEFIT and AAL
 - Stimulate market oriented R&I for technology products and ICT services for AAL
 - Support of interdisciplinary research with integration of end-users as partners in the project: vital role of care services organisations, insurance companies etc. but national differences in eligibility of these organisations as regards funding
- Coordination of national and transnational AAL strategies
 - Strategic re-orientation from topic oriented calls to challenge oriented calls
 - Trade off between progressive development of transnational programmes and ensuring support by as many countries as possible
 - Strong linkages between transnational AAL strategy and national strategy
 - Continuity of national personnel responsible for national and international programme development

Coordination of call management and projects

- **Selection of call topics**
 - Transnational level: annual discussion of national delegates based upon pre-defined framework of research priorities
 - National level: In early years thematically open, now with specific focus on smart homes and smart services
 - Years with higher complementarities are
- **Call Management**
 - Two national calls and one European call per year
 - Call manuals for transnational AAL calls and national BENEFIT calls
 - Different peer review, monitoring and reporting requirements
- **National budget coordination**
 - National indicative planned budget can shift between the transnational call and the national call
 - For national budgets spent in the AAL programme, a 40% EC cofund was received
- **Co-ordinated testing of new instruments**
 - Test regions: local environments to test innovative solutions

- **National community building**
 - From technology driven approach to demand driven approach
 - Creation of national AAL Platform in 2012
- **Gateway to Europe and testing at home**
 - Expansion of Austrian R&I networks & increased knowledge sharing
 - Austrian care services and other end-users as testing environments for innovative solutions
- **Programme events**
 - International AAL Forum
 - National AAL summits to showcases research results
- **Joint support services**
 - Coaching for business plan development
 - Classification model of ICT solutions for elderly people)



Key success factors

- Consensus making on national level
- Existence of national programmes and willingness to shape them in an iterative process with transnational level
- Consensus on realistic and concrete aims at transnational level supported by national programmes
- Flexibility of national budgets
- Open minds towards experimentation with new instruments
- Engaged individuals with responsibility: ensuring long term strategic intelligence



Further reading

www.era-learn.eu/alignment



THANK YOU!

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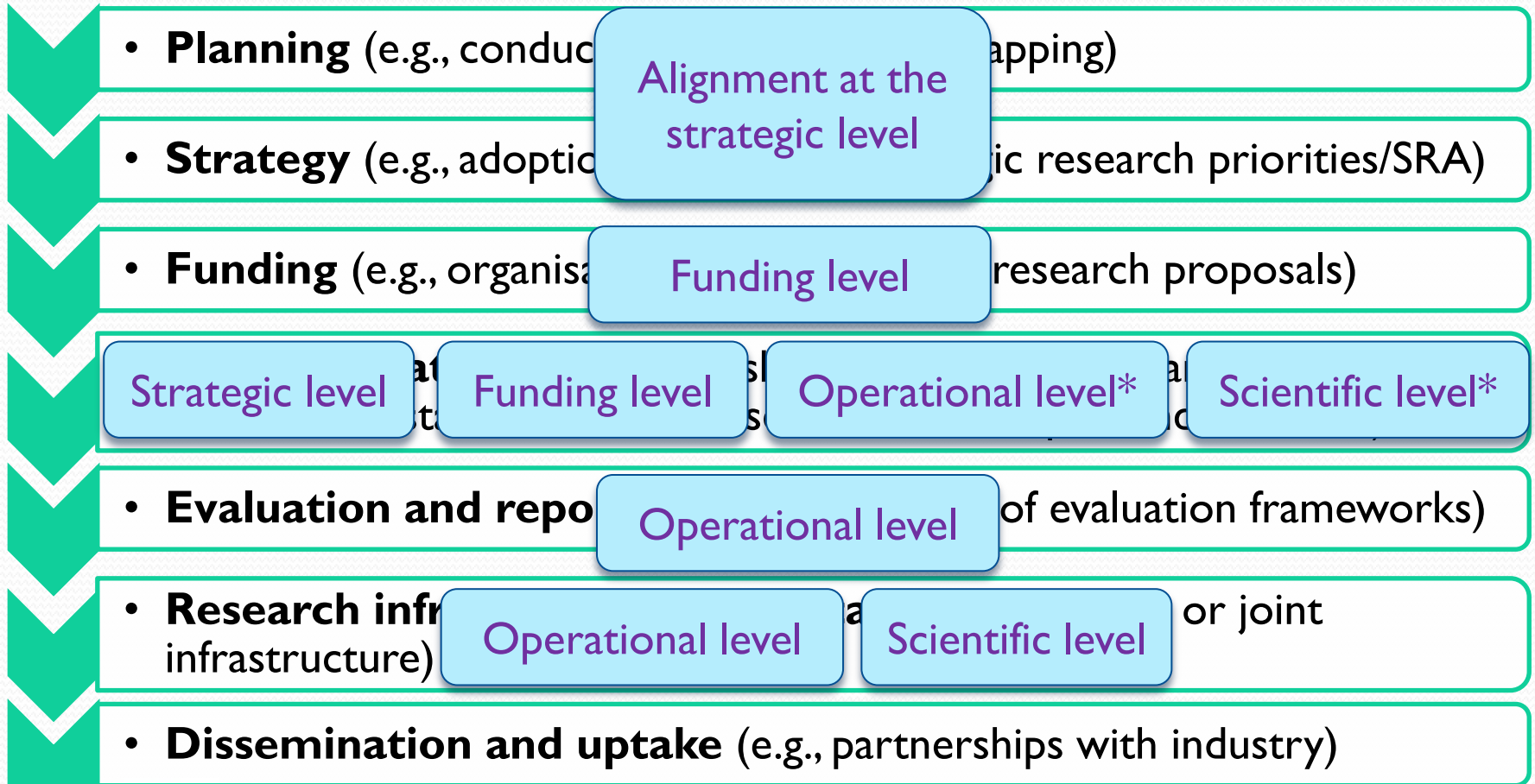
Round Table Discussion- I Introduction



Dominique
DARMENDRAIL
Water JPI Coordinator

JPI modalities leading to 'alignment'

(Source: Lesser_ERALEARN Task 4.2_1July 2015.ppt as summary of [Typology Table of Alignment](#))



Alignment levels/approaches and enabling actions

Levels/approaches	Possible enabling / confirming actions (alignment criteria)
Strategic level	Mapping of synergies, complementarities and gaps between programmes; joint foresight activities; Consensus building meetings; Joint decisions on priority areas; procedure of considering SRIAs in national programming cycles;
Funding level	Ability to fund foreigners / foreign institutions located abroad; Implementation of real common pot; harmonised timing and rules of funding;
Operational level	Common/harmonised rules for project reporting, monitoring and evaluation; common/harmonised rules and timing of participation;
Scientific level	Development and adoption of databases and/or terminologies; development of standards in research practices and/or research outputs; shared use of research infrastructures; joint creation of infrastructures; adoption of open science and open data approaches;

Alignment-related impact indicators

(Source: amended from [ERA-LEARN 2 Del. 4.3 Report](#))

Alignment at strategic level

- changes in national research priorities
- changes in research priorities of agencies
- alignment of national agendas

Alignment at funding level

- Changes in legislation to allow payments to foreign researchers
- Changes in national budgets re national / regional programmes
- Changes in national budgets re international activities

Alignment at operational level

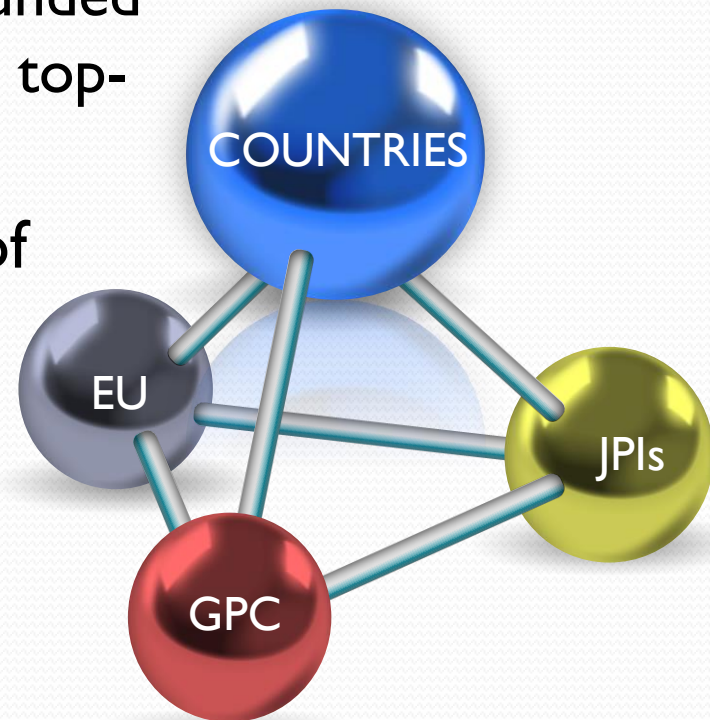
- Common programme monitoring and evaluation schemes
- Harmonised rules and procedures for participation
- Coordination of timing in funding & programme implementation
- Multinational evaluation schemes; joint monitoring

Alignment at scientific level

- changes in national research programmes' themes
- Programme clustering
- Standardisation of research practices
- Agreed rules and procedures for joint access to research

The reporting request

- EC – the « key indicator » - the financial leverage effect
 - MS funding vs. EC contribution (co-funded projects, funded projects without EC top-up).
- EC / PLATFORM – idem + outputs of projects
- EC / ERALEARN
 - The 28 criteria



The 8 criteria of the GPC Expert group (« Hernani » group)

Expert Group: more appropriate at this stage to consider some intermediate indicators that they are making progress in the right direction.

Progress towards impact on the societal challenge :

1. **Positioning** within the European societal challenge landscape
2. **International research Leadership**
3. Driving demand for **innovative new solutions**
4. **Variety of joint actions** and instruments that are either used by, or developed by, the JPI

Mobilisation of co-investment and alignment actions :

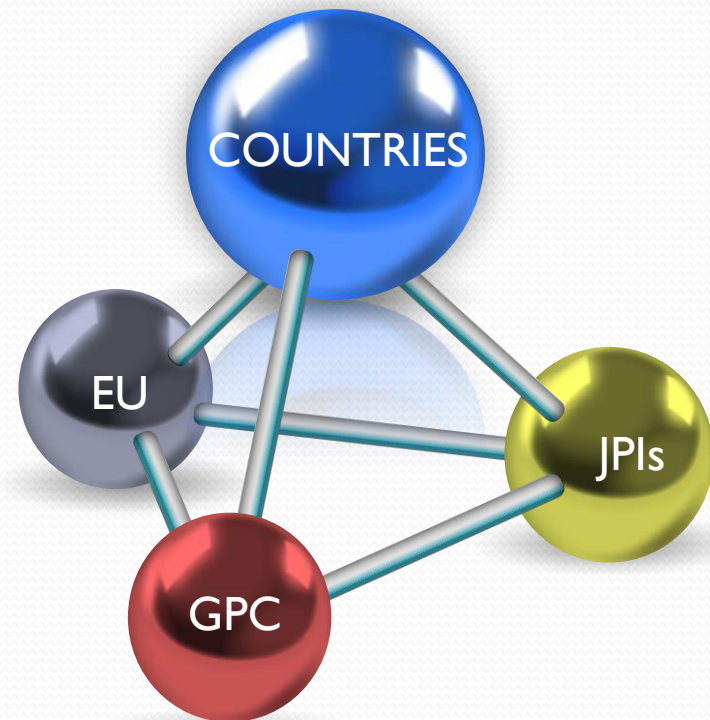
5. **Investment** in joint research and innovation projects
6. **Share of total national investment** in the subject that is coordinated through the JPI
7. Degree of national **alignment**
8. **Sustainability** of the JPI infrastructure



JPIs
Performance

The reporting request

- The Countries / JPI Members?
 - Alignment of projects (on-going, new projects)
 - RDI strategies:
 - Country and / or agency level
 - Processes and Procedures:
 - Implementation of calls, evaluation
 - Monitoring
 - Impact assessment at beneficiaries level
 - Etc....



Questions for today

Alignment Activities

- Group discussion on the ERA-Learn types of alignment – Strengths & Weaknesses
- If a country lacks a specific water research agenda, how can we progress alignment?
- Based on a Water JPI Survey carried out in 2015, national (or regional) research programmes take up to 2 years to finalise. What practical steps can Water JPI take to ensure that our SRIA is considered during that process?
- Distinction between alignment of agendas and processes and procedures?

Barriers

- Main barriers in your country/institution for aligning? At the various levels (strategy, planning, implementing national programmes, procedures and processes, ongoing and new projects)

How to measure progress in alignment?

- Possible Indicators for each type of alignment
- Targets to be reached for the Water JPI
- Implication in terms of data collection (regional / national / JPI)

Any thing else to add?



Roundtable Discussions

11.15am – 12.45pm	How to measure progress in alignment?
12.45pm – 1.00pm	Short Summaries per table
1.00pm – 2.00pm	<i>Lunch & Coffee</i>

Alignment Activities

- Group discussion on the ERA-Learn types of alignment – Strengths & Weaknesses
- If a country lacks a specific water research agenda, how can we progress alignment?
- Based on a Water JPI Survey carried out in 2015, national (or regional) research programmes take up to 2 years to finalise. What practical steps can Water JPI take to ensure that our SRIA is considered during that process?
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How to measure progress in alignment?

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Water JPI Third Alignment Workshop

Thematic Annual Programming: The Water JPI TAP

Alice Wemaere

EPA, IE



4th April 2017. Stockholm

What is the Water JPI TAP

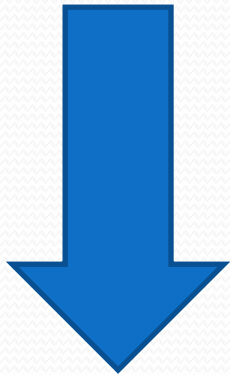
- A light alignment tool
- Clustering/Networking of National Research Projects
- New (& Existing)

Questions for today

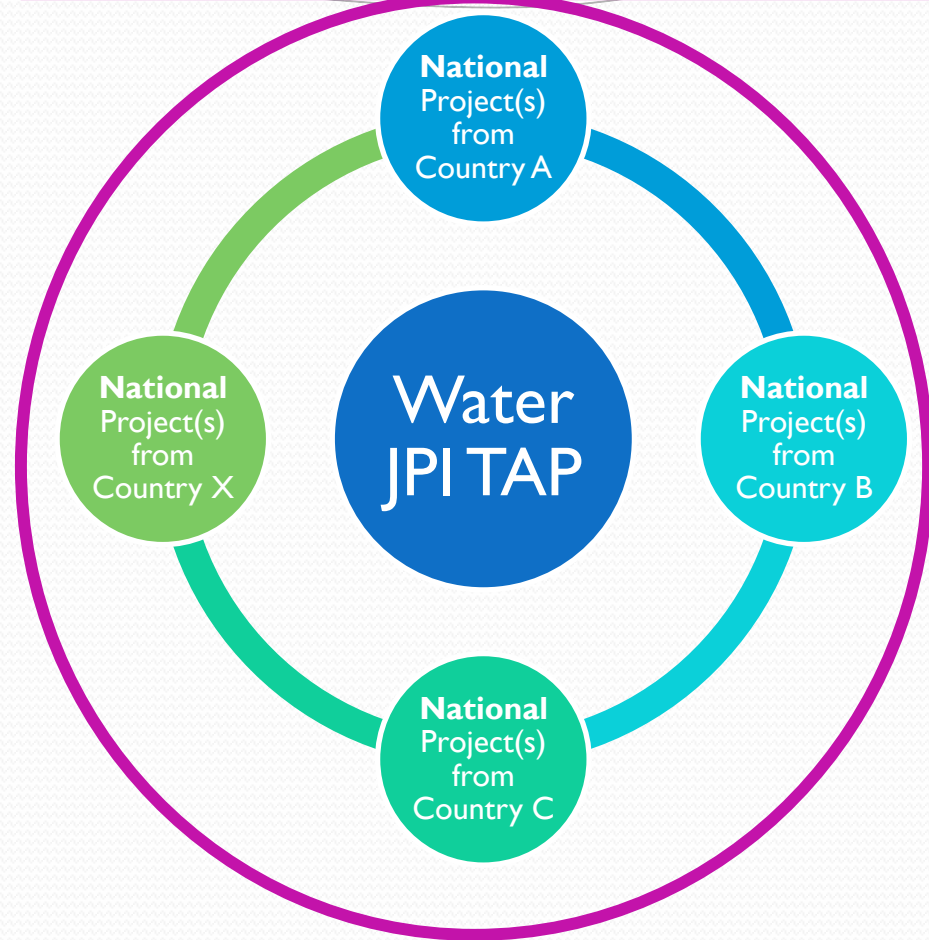
- Advantages/Barriers
- Theme for the 1st Water JPI TAP
- Expected outputs
- Interested Funding Organisations
- Coordination of the TAP (within the TAP & by the Water JPI)
- Impacts

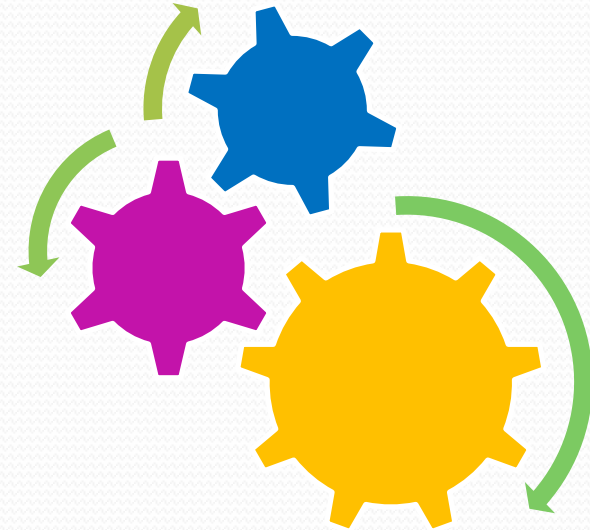
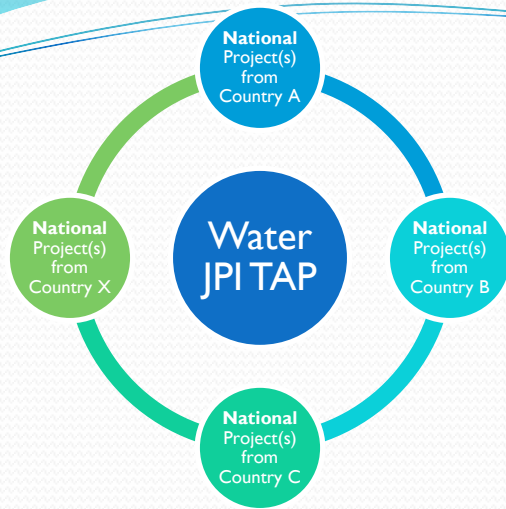
Water JPI - Coordination

Participating
Funding Agencies
from Countries A,
B, C, ..., X



Agree on a specific topic text for
inclusion in respective national
calls





Annual working meetings to exchange on approaches, methods, data (exchange)

Allow coordination between the individual projects

Lead to a greater impact at the European level

Create critical mass, addressing research gaps and avoiding duplication



Knowledge Hub

Existing Projects:
Water JPI Projects
National Experts
EU Projects

TAP

National Projects:
New (& Existing)

Workshops: Exploratory & Networking

Water JPI/ EU / National
Projects:
New (& Existing)

**Clustering of Projects/Researchers - Network of Excellence
within a specific RDI area identified in the Water JPI SRIA**

Mobility & Infrastructure Interactive Platform to facilitate Access /Sharing



TAP: Expected Outputs

- Concrete alignment of research agendas and programmes in participating countries;
- Increased impacts / leverage effects
- Networking – Increasing synergies of national-funded projects;
- Foster coordination and sharing of results;
- Foster mobility and sharing of infrastructure;
- Annual Update of the SRIA - Identification of Knowledge Gaps;
- Preparation of Policy Briefs, Joint Publications; harmonisation of protocols, working seminars outputs
- Mobility / Sharing of RDI Infrastructure

Learning from Past Experience (TAP SOIL)

Planning

- Identification of Funding Organisations
- Selection of the Water JPI TAP Theme
- Common Topic Description
- Timeline

2017/18

Setting Up

- National Calls & Award of TAP Projects / or Identification of existing projects
- Setting up of TAP Coordination
- Preparation of proposed Implementation Plan/Activities by TAP projects

2018

2019

Implementation

- Annual working meetings
- Virtual Meeting Place / Information Sharing
- Mobility? Infrastructure Sharing? Data Exchange
- Light reporting tool

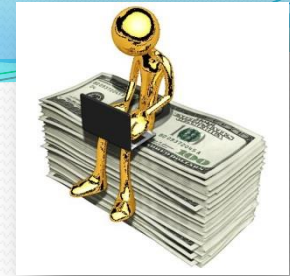
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TAP Coordination

Review & Impacts Assessment



Food for thought....



- National Budget (TAP-dedicated budget line) to cover Travel & Accommodation for Networking activities?
- TAP Coordination:
 - Water JPI-led?
 - TAP-cluster led?
 - Both
- Coordination Costs:
 - TAP-cluster Secretariat
 - Web support (could be hosted via Water JPI website?)
 - Annual Meetings Costs?
 - 2019 Alignment workshop (organised by Water JPI)
- Timeframe:
 - 36-month National Projects?
- One of the expected outputs: COST Action? H2020 proposal?



Knowledge Hub

2017/18: Theme 2
2018/19: UN SDGs

TAP

2017/18: **TBC**
2018/19: Theme 5

Workshops: Exploratory & Networking

2016: Theme 5 & Theme 2
2017: Theme 1 & Theme 3

Joint Calls:

Theme 2
Theme 3
Theme 4

Planned Calls:

UN SDGs
Theme 5





Water JPI Hubs

Coordination

Theme 1	Theme 2	Theme 3	Theme 4	Theme 5	UN SDGs
Exploratory W. Joint Call TAP?	Joint Call Networking W. Knowledge Hub Exploratory W. Joint Call	Joint Call Networking W. Exploratory W. TAP?	Joint Call Networking W. TAP?	Exploratory W. Joint Call TAP Networking W.	Exploratory W. Joint Call Knowledge Hub Networking W.

OpenWaterJPI (Projects Database & OpenData/OpenAccess)
 Interactive Platform for facilitating Access to Mobility/Infrastructure



Water JPI Third Alignment Workshop

Lessons Learned: TAP Soil

Heather McKhann

FACCE JPI

4th April 2017. Stockholm



Joint Programming Initiative on Agriculture, Food Security and Climate Change

FACCE-JPI

Thematic Annual Programming Network (TAP)

Heather McKhann
FACCE-JPI Secretariat



FACCEJPI

www.faccejpi.com



Agriculture Food Security and Climate Change



FACCEJPI

The need

A way to meet joint programming objectives of alignment, avoiding duplication, fostering synergies and jointly planning research without the need to put in place a call for research proposals





FACCEJPI

The reponse

FACCE JPI's Thematic Annual Programming (TAP) is a “light alignment” tool aimed to foster the alignment of national research programs, promoting the international cooperation and coordination of national research projects.



Thematic Annual Programming Network (1) Concept

- (1) Willing research funding organisations firstly **identify a research topic** that features in most participating countries in their national research agendas and calls → here, agricultural soil quality
- (2) Funding agencies are then invited to **insert an item** text regarding this topic in each new relevant national research **programme description**, with one common paragraph describing the specific challenge, scope and type of action.
- (3) National research **project proposals are subsequently evaluated and selected** at the national level (using their national peer review criteria).
- (4) The TAP steering committee will identify the funded projects which will constitute the **TAP cluster**



Thematic Annual Programming Network (2) Concept

(4) Project coordinators (in research performing organisations) then **exchange information** on nationally selected projects, e.g., in terms of research foci, methods and data sources

- Common kick off meeting of the national projects
- Annual meetings with cluster reporting

(5) At their completion, a meeting with all project coordinators may be reconvened to **discuss and compare research projects outcomes creating a synthesis document with this EU critical mass on this issue.**

(6) Ultimately, national project coordinators may decide to **pool together all relevant research outputs**, e.g., by gathering all of them in a single scientific database or by allowing different national databases to interface with each other.

Practical questions

How to prepare the call text?

A first writing draft by national experts and SAB members. The funding agencies have to agree on a common text, national specialisation if desired is possible

Funding

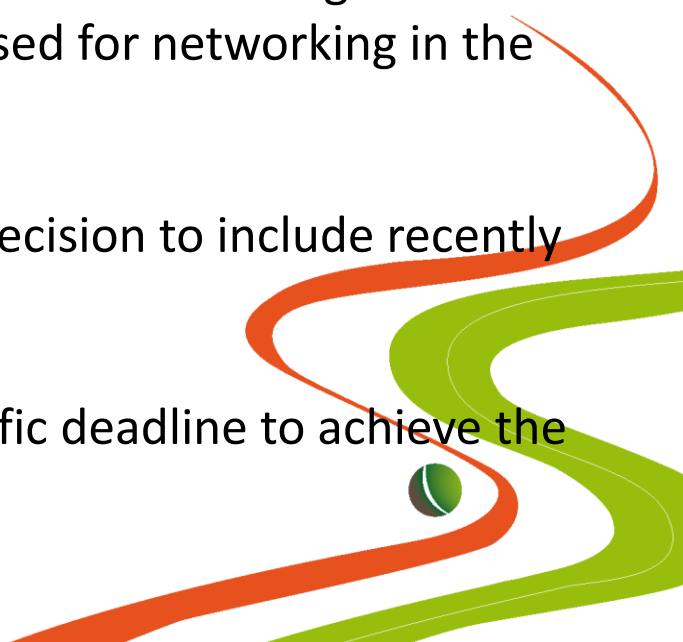
Agreement on funding principles – funders agree that an order of magnitude of 10 000€ per year, included in the national funds can be used for networking in the cluster

Inclusion of existing projects

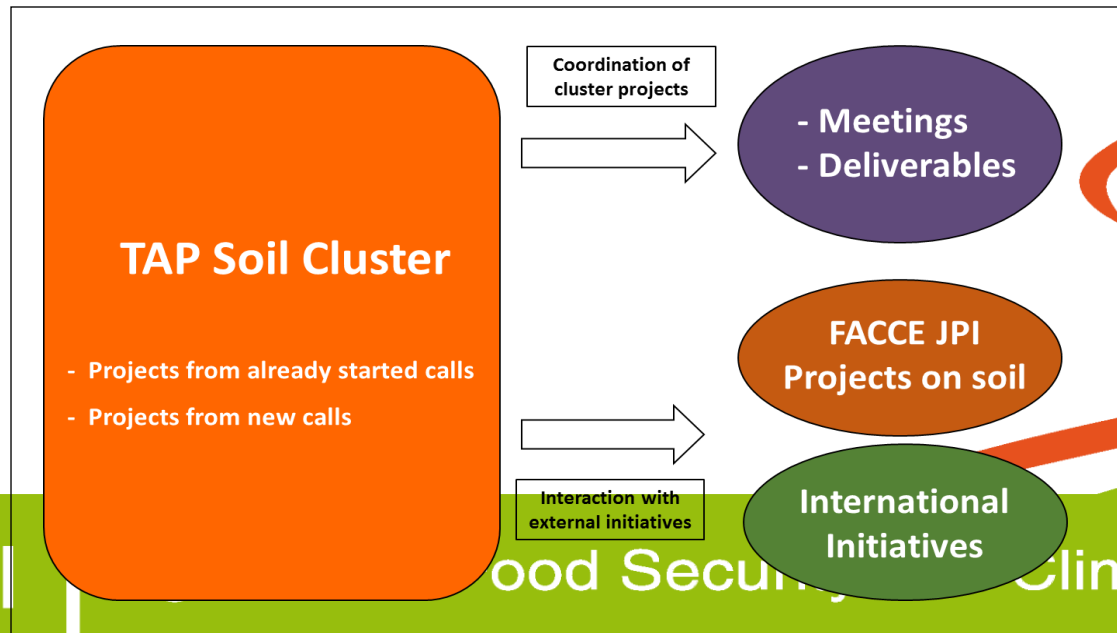
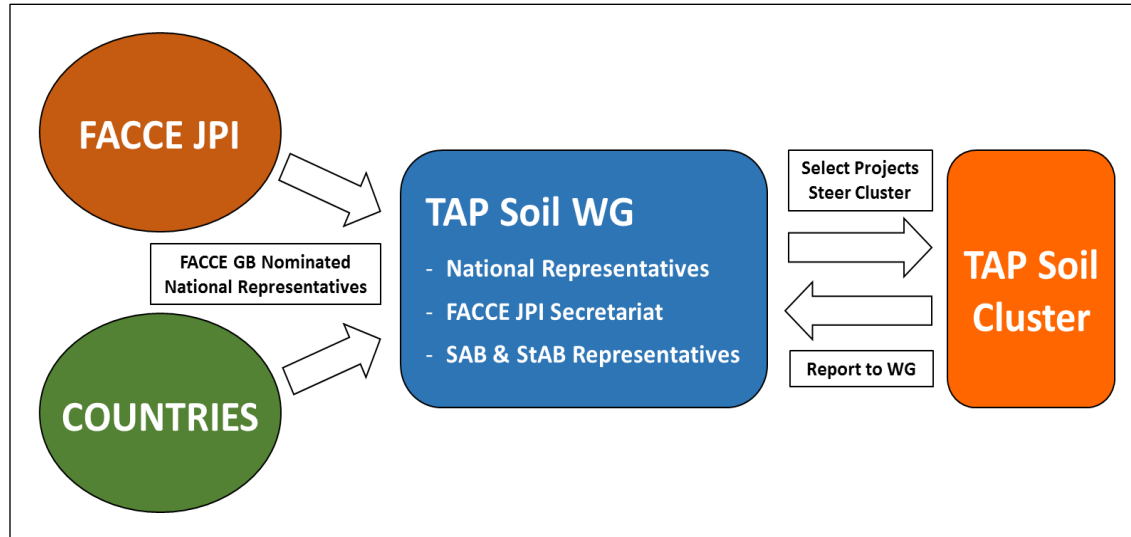
To allow countries to join who have had recent calls, decision to include recently funded, existing projects

Timing

The text for the national calls must be ready at a specific deadline to achieve the critical mass of projects.



Management Structure



Benefits

- Benefits of transnational call without setting up of transnational call
- Less set-up costs
- Networking costs are covered by projects
- Allows exchange between researchers that might never enter into a transnational call
- Coordination between projects
- Greater impact at the European level
- Critical mass, addressing research gaps and avoiding duplication.

Weaknesses

- Timelines between countries may be very different
- How the cluster will work in practice has not been completely decided nor tested





Open question: Coordination of cluster

- Coordinator:
 - The cluster (up to 30 projects) will have one project coordinator who leads the cluster, chosen between the different national PI, in agreement with the steering committee.
 - Or: one coordinator from among SC members
 - Or: external « facilitator » (but how to fund?)
- FACCE Secretariat works with TAP Steering Committee (funding representatives) along with SAB and StAB to support cluster coordination

Thank you for your attention!

Email: FACCE-Secretariat@inra.fr

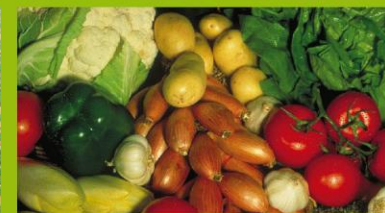
Maurice.HERAL@agencerecherche.fr

Visit: www.faccejpi.com



FACCEJPI

www.faccejpi.com



Agriculture Food Security and Climate Change



Water JPI Third Alignment Workshop

Planning the Water JPI TAP: Survey

Aine Murphy

EPA, IE



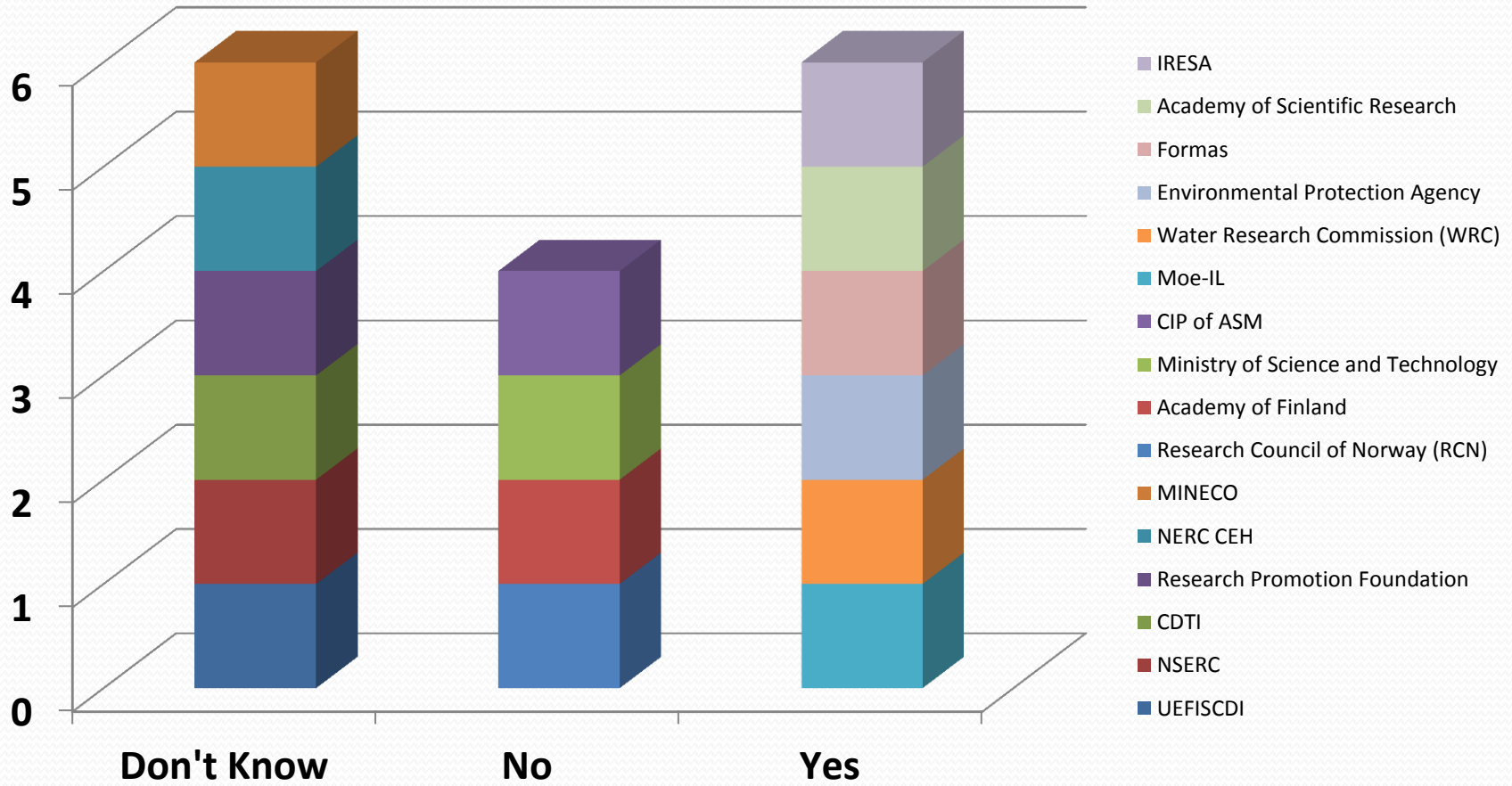
4th April 2017. Stockholm

Respondent Countries

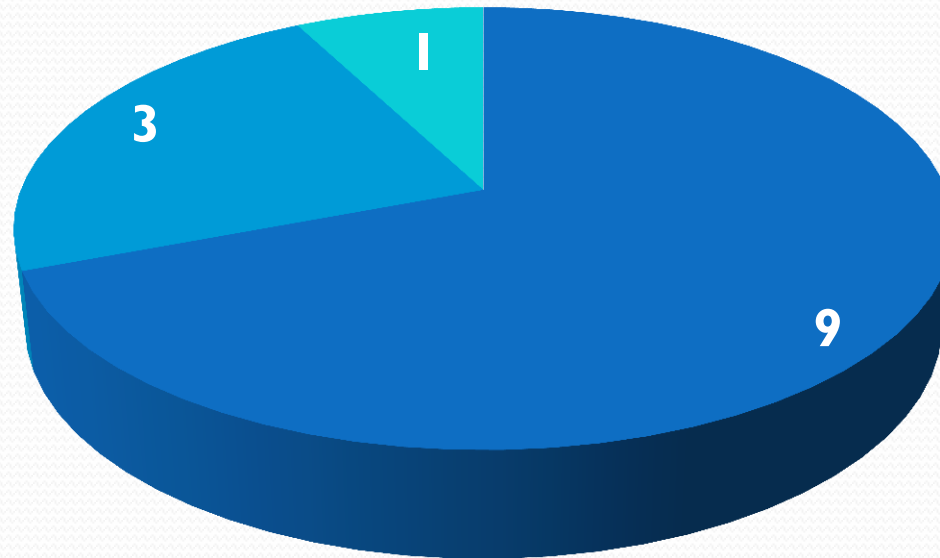
Survey was circulated to **ALL Water JPI Community: 15 responses to date**

- Canada
- Cyprus
- Egypt
- Finland
- Ireland
- Israel
- Norway
- Republic of Moldova
- Romania
- South Africa
- Spain
- Sweden
- Taiwan
- Tunisia
- UK

Would your organisation be interested in taking part in this case study?

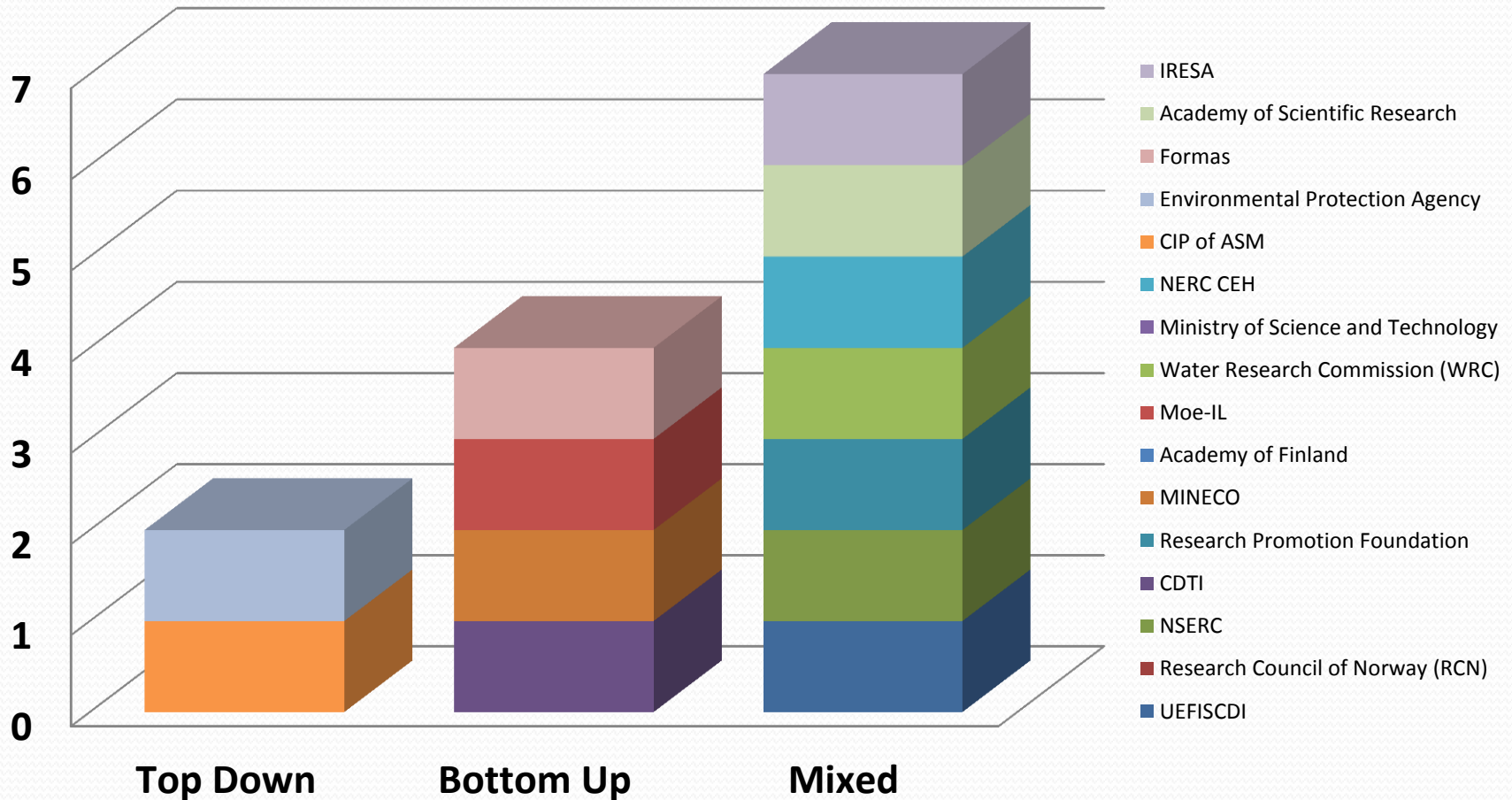


What is the frequency of the national research calls in your organisation?



- Once a year
- Every two years
- Other

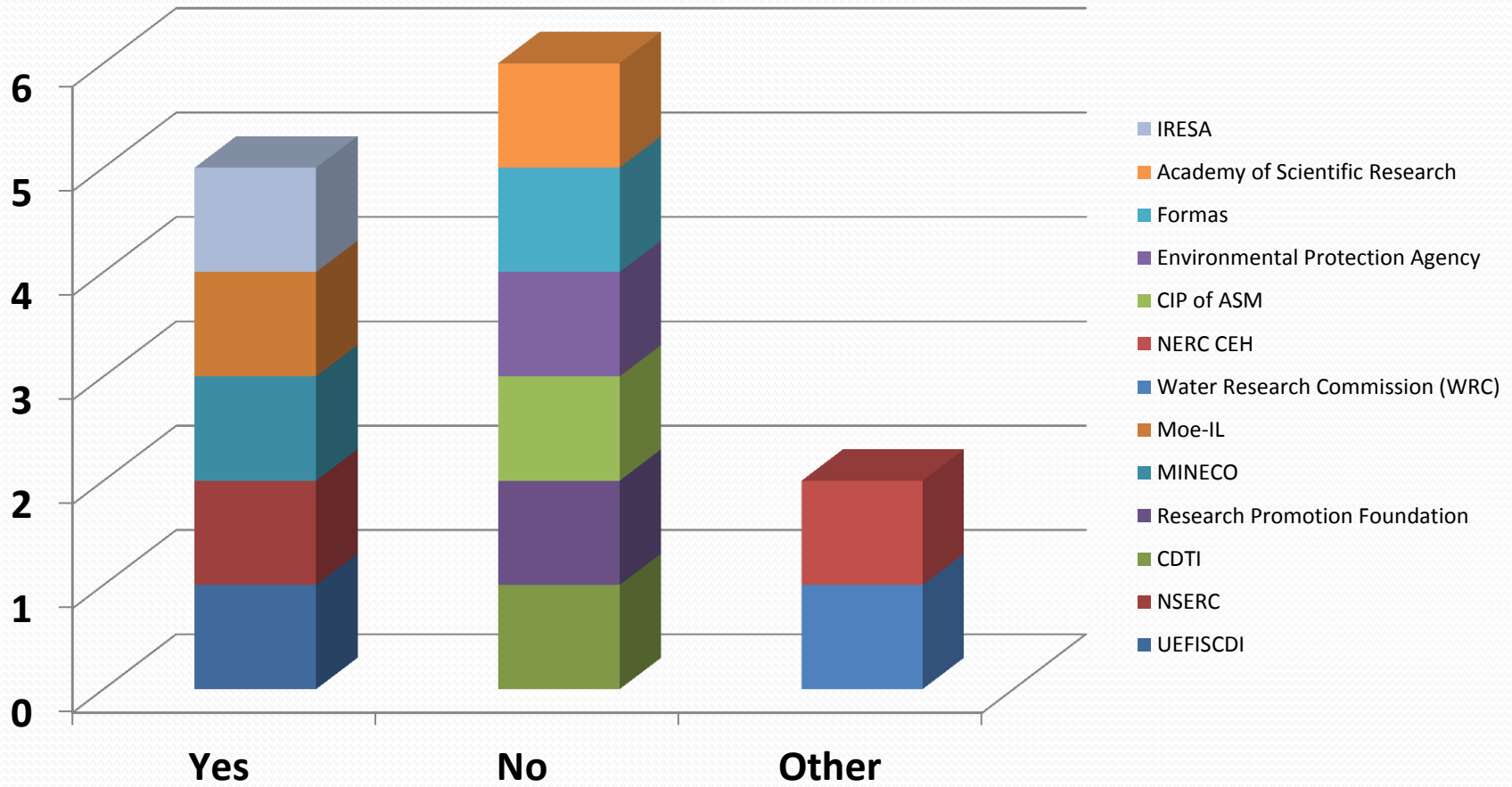
Are your organisation's research calls:



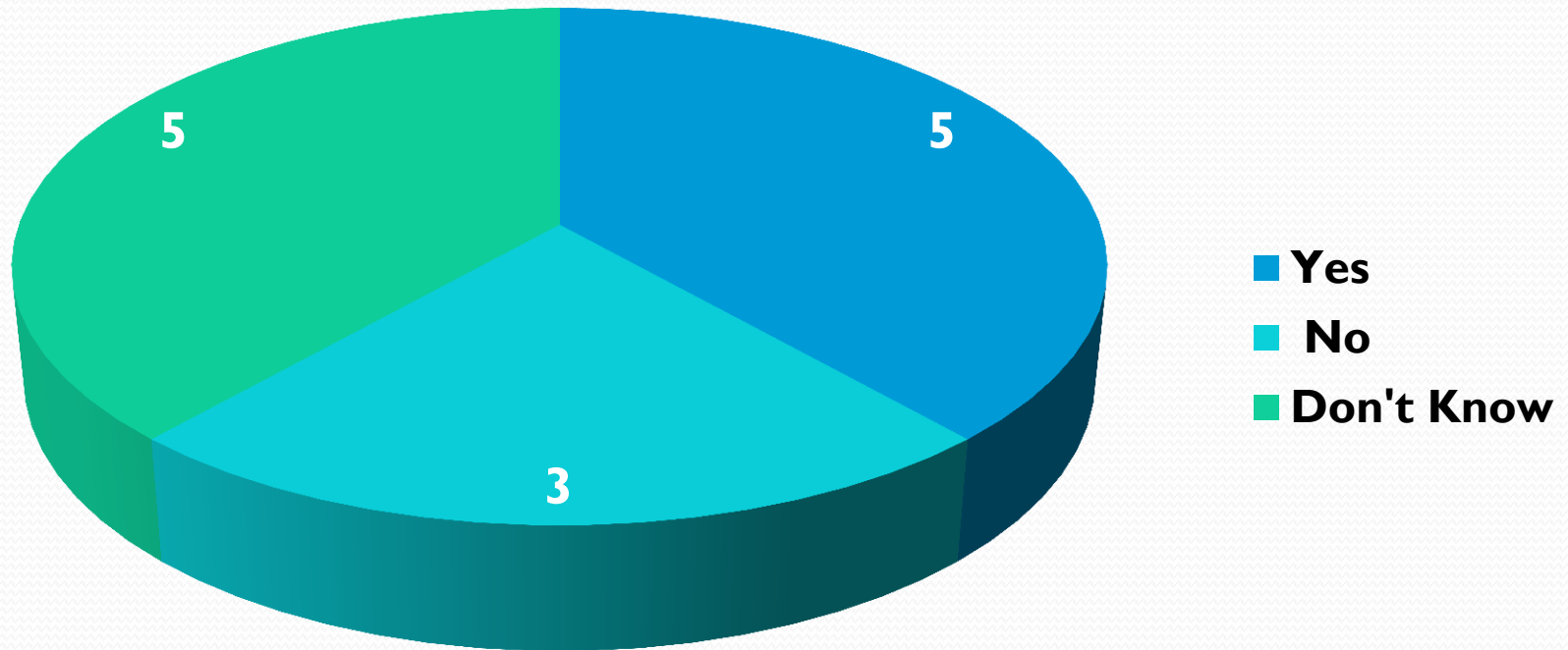
Would it be possible to include a reference to the Water JPI TAP in your research call?

- Yes = 5
- No = 2
- Other
 - “I don’t know , we don’t have references like that”.
 - “Contingent on priorities selected”.
 - “Could be possible but unlikely”.
 - “Only if there is some partnership (cofunding) agreed to because calls are nationally funded so can only refer to partners who contribute”.
 - “Reference is sometimes made to wider international initiatives specific to the science objectives. Proposal can include funding to attend/present at relevant international meeting for wider research communities”.

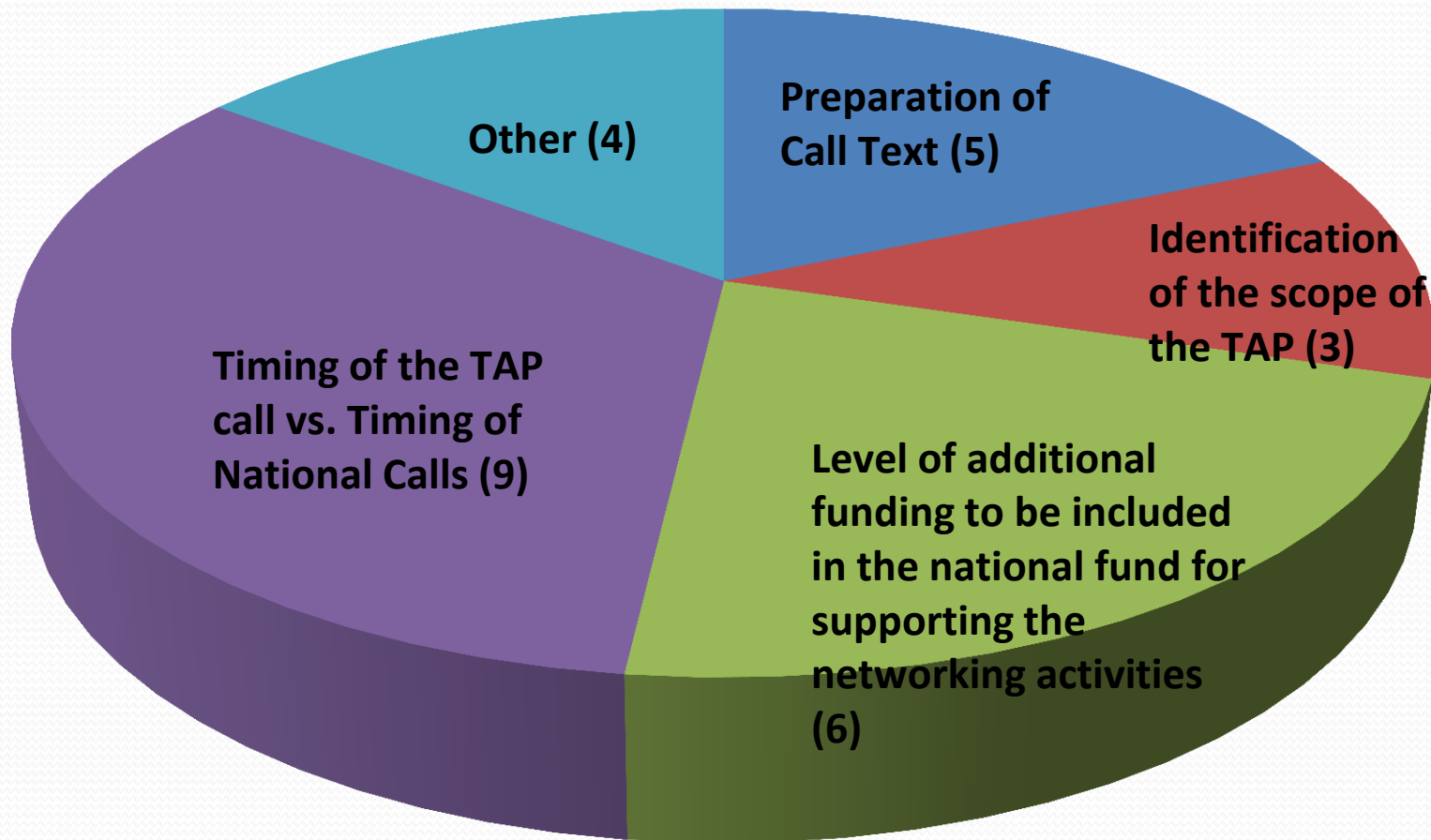
Would it be easier if working with ongoing/existing funded projects which are connected to the selected TAP Call content?



Are your national financial rules flexible enough to allow for part of the national research project budget to be allocated to TAP-related activities?



In your view, could the following be difficulties in preparing the Water JPI TAP Call?



In your view, what could be the difficulties in coordinating the Water JPI TAP cluster (network composed of the Water JPI TAP national funded projects)?

- Assessing the impact of the cluster (4)
- Deciding who should co-ordinate the cluster (3).
- Integrating the cluster within the overall Water JPI activities (2);
- Co-ordination within the Knowledge Hub;
- Justifying the use of national funding to cover costs incurred by researchers/co-ordinators not normally eligible for funding.
- Monitoring the cluster activities.

In your view, what could be the difficulties in ensuring the Water JPI TAP is representative of:

- **Country distribution (max. number per country, balance between regions):**
 - Attracting many countries
 - Selecting research priorities that are relevant to a broad range of participants
 - Would need wide participation of countries to reach the critical mass
 - Priorities not aligned to country priorities due to the difference in challenges. The national funding cycles
 - Can only be based on willingness to participate - Lack of ideal balance needs to be considered, but not block enthusiastic participation.
 - This will be restricted by the participating funding organisations. This will be a difficulty in terms of ensure EU-level impact.
 - Balance between regions

In your view, what could be the difficulties in ensuring the Water JPI TAP is representative of:

- **Type of research (from academic to innovation)**
 - Differences in TRL levels
 - Basic to innovation
 - Would be easier for academic sector
 - Misalignment of focus area and level of research expertise
 - Fitting TAP to research remit of the funding agencies
 - Do not think that this would be a difficulty - a mix of funding organisations with various spectrum of research funding would ensure a mix of type of research included into the cluster
 - Applied research, innovation

In your view, what could be the difficulties in ensuring the Water JPI TAP is representative of:

- **Level of impact (vs. other initiatives in the same area)**
 - Ensuring good dissemination, monitoring
 - Environmental scan of existing initiatives and address gaps
 - Measurable impact
 - Different national challenges that may require different impact requirements
 - Level of ambition (i.e. what amount of the budget is allocated to it), number of participating funding organisations
 - Very good impact
- **Any other?**
 - Number of initiatives
 - Clear terms of reference on the aims, expected outputs, coordination, reporting and impacts indicators will be essential

Please rank in order of priority the five most relevant RDI subthemes which you would like to be considered for the Water JPI TAP

- Subtheme 5.1. Enabling Sustainable Management of Water Resources
- Subtheme 2.1. Emerging Pollutants and Emerging Risks of Established Pollutants: Assessing Their Effects on Nature and Humans and Their Behaviour and Opportunities for Their Treatment
- Subtheme 1.1. Developing Approaches for Assessing and Optimising the Value of Ecosystem Services
- Subtheme 4.2. Reducing Soil and Water Pollution
- Subtheme 4.1. Improving Water Use Efficiency for a Sustainable Bio-economy Sector
- Subtheme 3.1. Developing Market-Oriented Solutions for the Water Industry
- Subtheme 1.2. Integrated Approaches: Developing and Applying Ecological Engineering and Ecohydrology
- Subtheme 1.3. Managing the Effects of Hydro-climatic Extreme Events
- Subtheme 2.2. Minimising Risks Associated with Water Infrastructures and Natural Hazards
- Subtheme 5.2. Strengthening Socio-economic Approaches to Water Management
- Subtheme 3.2. Enhancing the Regulatory Framework



Knowledge Hub

2017/18: Theme 2
2018/19: UN SDGs

TAP

2017/18: **TBC**
2018/19: Theme 5

Workshops: Exploratory & Networking

2016: Theme 5 & Theme 2
2017: Theme 1 & Theme 3
TBC: Theme 4

Joint Calls:

Theme 2
Theme 3
Theme 4

Planned Calls:

UN SDGs
Theme 5



Please rank in order of priority the five most relevant RDI subthemes which you would like to be considered for the Water JPI TAP

Subtheme 5.1. Enabling Sustainable Management of Water Resources
(TAP 2018/19)

Subtheme 2.1. Emerging Pollutants and Emerging Risks of Established Pollutants: Assessing Their Effects on Nature and Humans and Their Behaviour and Opportunities for Their Treatment *(Water JPI Knowledge Hub)*

Subtheme 1.1. Developing Approaches for Assessing and Optimising the Value of Ecosystem Services

Subtheme 4.2. Reducing Soil and Water Pollution

Subtheme 4.1. Improving Water Use Efficiency for a Sustainable Bio-economy Sector

Subtheme 3.1. Developing Market-Oriented Solutions for the Water Industry *(not all FPOs can fund Enterprises)*



Round Table Discussion-2 Introduction



Alice Wemaere
EPA, IE

Roundtable Discussions

2.45pm – 4.15pm	Select RDI Themes TAP model – Expected Outputs and how can we measure impact? (indicators) Funding Models, Timing, Barriers
<i>3.45pm – 4.00pm</i>	<i>Coffee</i>
4.00pm – 4.15pm	Short Summaries per table

- **Select RDI Themes**
- **Expected Outputs** and how can we measure impact of a TAP action?
- Possible **indicators**
- **Mechanisms**
 - Funding Models,
 - Timing,
 - Barriers,
 - Possible solutions

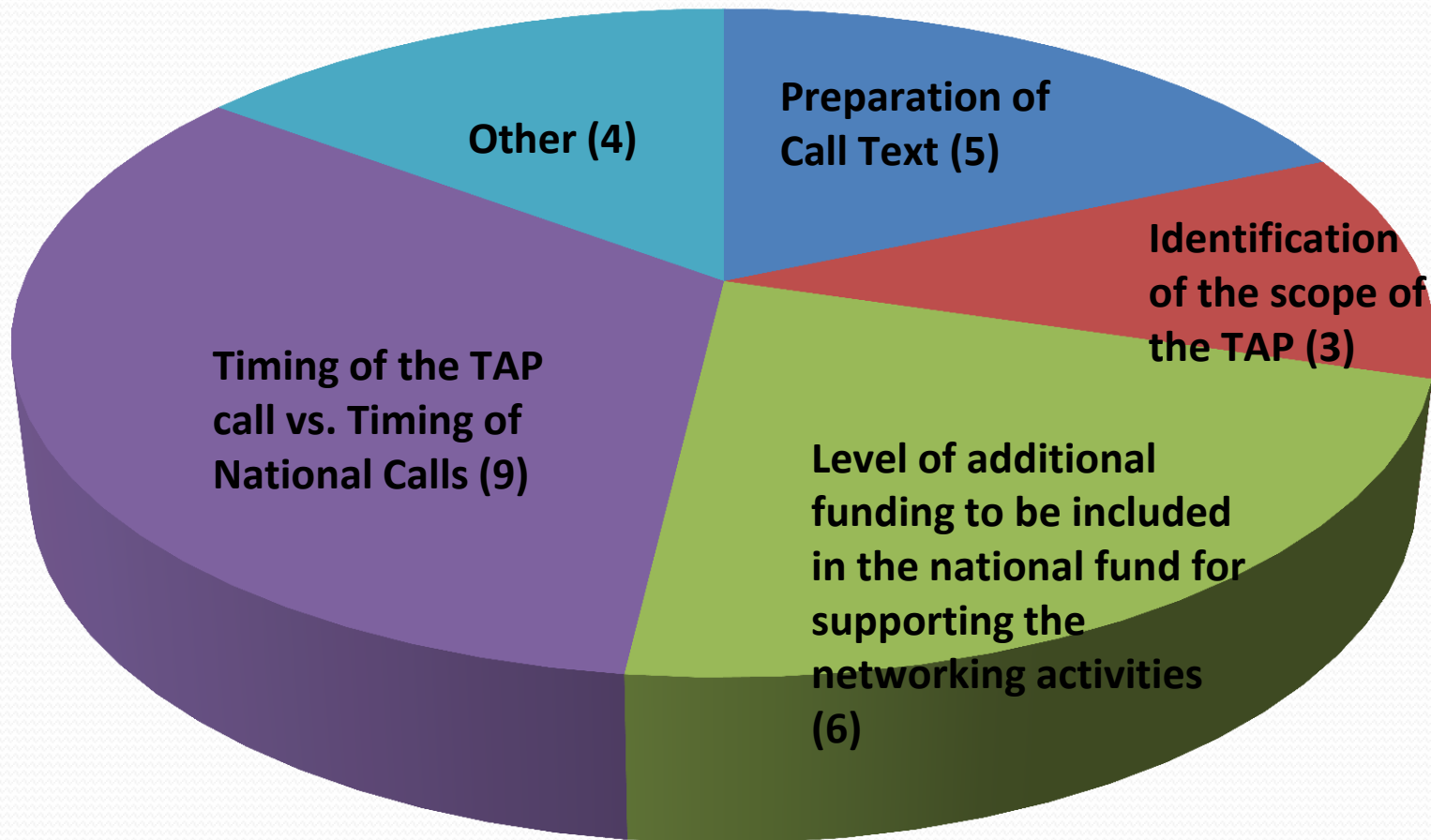
Please rank in order of priority the five most relevant RDI subthemes which you would like to be considered for the Water JPI TAP

- Subtheme 5.1. Enabling Sustainable Management of Water Resources (*TAP 2018/19*)
- Subtheme 2.1. Emerging Pollutants and Emerging Risks of Established Pollutants: Assessing Their Effects on Nature and Humans and Their Behaviour and Opportunities for Their Treatment (*Water JPI Knowledge Hub*)
- Subtheme 1.1. Developing Approaches for Assessing and Optimising the Value of Ecosystem Services**
- Subtheme 4.2. Reducing Soil and Water Pollution**
- Subtheme 4.1. Improving Water Use Efficiency for a Sustainable Bio-economy Sector**
- Subtheme 3.1. Developing Market-Oriented Solutions for the Water Industry (*not all FPOs can fund Enterprises*)

TAP: Expected Outputs

- Concrete alignment of research agendas and programmes in participating countries;
- Increased impacts / leverage effects
- Networking – Increasing synergies of national-funded projects;
- Foster coordination and sharing of results;
- Foster mobility and sharing of infrastructure;
- Flexible Update of the SRIA - Identification of Knowledge Gaps;
- Preparation of Policy Briefs, Joint Publications; harmonisation of protocols, working seminars outputs
- Mobility / Sharing of RDI Infrastructure

In your view, could the following be difficulties in preparing the Water JPI TAP Call?



Roundtable Discussions

2.45pm – 4.15pm	Select RDI Themes TAP model – Expected Outputs and how can we measure impact? (indicators) Funding Models, Timing, Barriers
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Plenary Session-3

Padraic Larkin

Water JPI Co-Chair

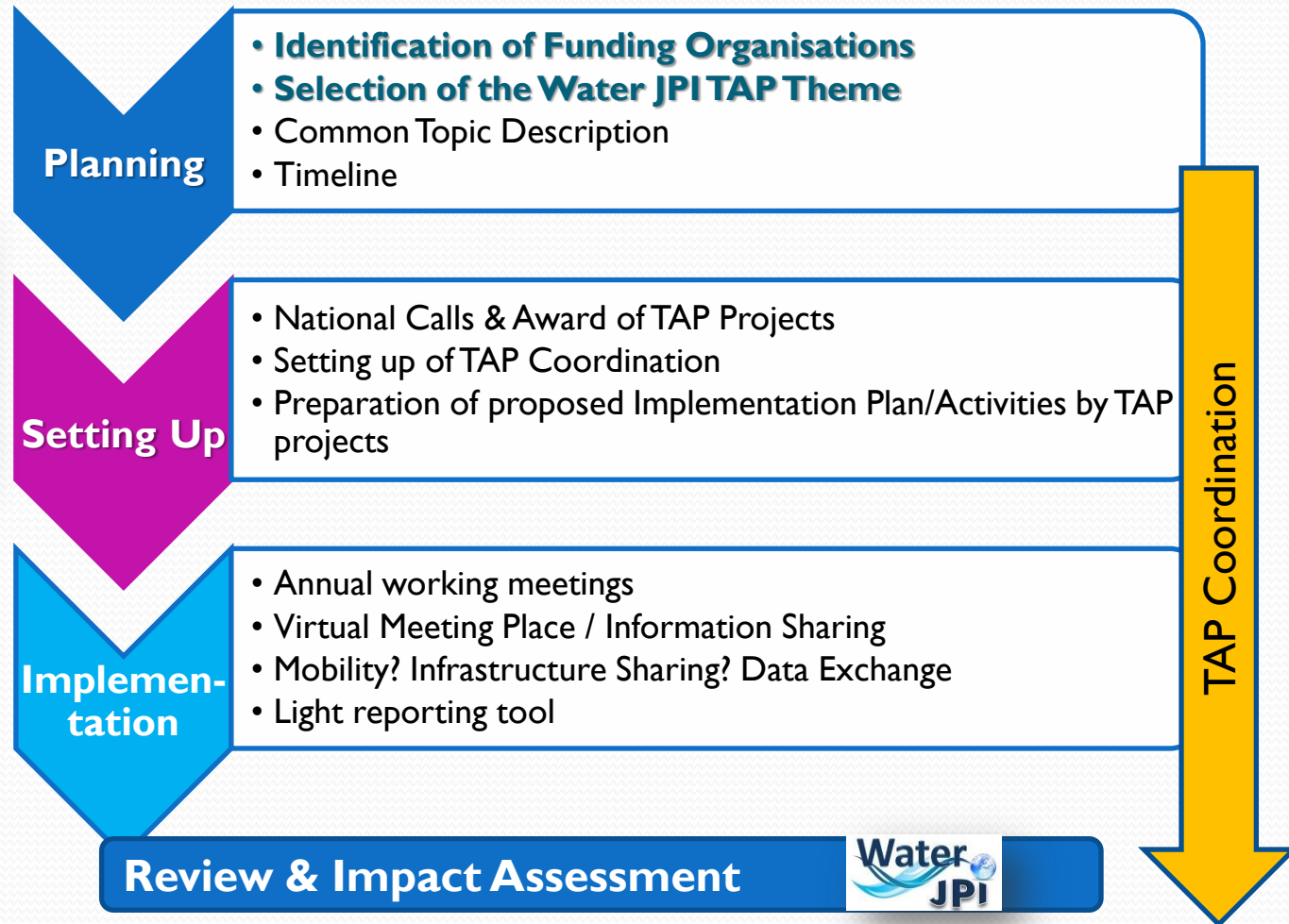


Interest from Funders

Tour de Tables



Next Steps



Thank
you

