



# Future Cooperation in Research and Innovation with countries beyond Europe

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# STATE OF INTERNATIONAL COOPERATION WITHIN THE WATER JPI, WITH FEEDBACKS ON MEETING QUESTIONNAIRE

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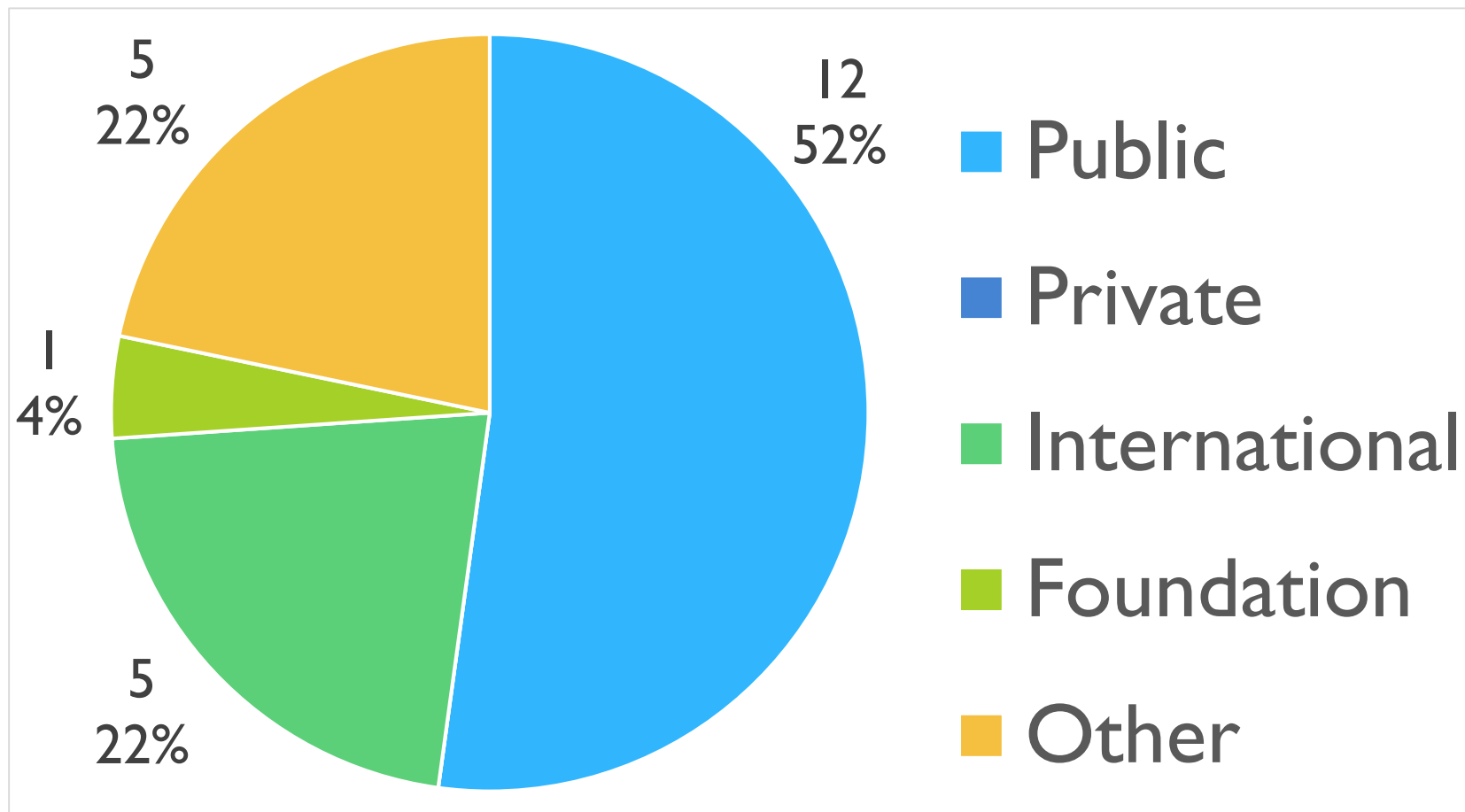


# Survey

The online survey performed in the frame of the Water JPI Workshop on Future Cooperation in Research and Innovation with countries beyond Europe has been sent to:

- ▶ Public Research funders / networks of Public Research funders / Public – Public Partnerships
- ▶ Private Research funders / Networks of Private Research funders
- ▶ International initiatives / institutions
- ▶ Foundations
- ▶ Public – Private Partnerships

# Survey - Responses



# Survey – Funded activity types

Funded activities	Public	Internat.	Others
Funding for own national representatives	9	3	
Funding for other countries	5	3	
Common SRIA	9	3	2
Knowledge transfer	9	2	2
Mapping	8	2	1
Mobility of researchers	8	2	1
Exchanges	6	2	1
Good practices	6	2	1
Summer schools	3	2	1
Research infrastructures	6	3	1
Pilot sites	4	2	1
Research data	4	3	1
Workshops	9	3	2
Others (scholarships and fellowship)		1	

# European countries with which you are involved in IC

Countries EU	Bilateral	Multilateral
Austria	X	
Belgium	X	
Switzerland	X	
Germany	X	X
Spain		X
France	X	X
Italy		X
Luxemburg	X	
United Kingdom	X	

Plus collaborations within Water JPI, JPI Climate, BiodivERsA

# Beyond EU countries with which you are involved in IC

Beyond EU	Bilateral	Multilateral
South Africa	X	X (Water JPI)
USA	X	
CA		X
Russia	X	
Brazil	X	X
Chile	X	
China	X	
Vietnam	X	
Indonesia	X	
India	X	
Taiwan	X	X
Japan	X	
South Korea	X	
Singapore		X
Tajikistan		X
Kyrgyzstan		X
Kazakhstan		X
Turkmenistan		X
Uzbekistan		X
Afghanistan		X

# Countries targeted for discussion

- ▶ US (cited x2)
- ▶ India
- ▶ China
- ▶ Vietnam
- ▶ UK (targeted by Canada)





# Motivations for developing international cooperation

<b>Funded activities</b>	<b>Public</b>	<b>Internat</b>	<b>Others</b>	<b>Total (%)</b>
<b>Accessing to existing knowledge...</b>	9	2		<b>14</b>
<b>Joining national resources</b>	8	1	1	<b>13</b>
<b>Setting a common agenda</b>	6	2	2	<b>13</b>
<b>Knowledge transfer to public policies</b>	5	2	1	<b>10</b>
<b>Knowledge transfer to other stakeholders</b>	6	1	1	<b>10</b>
<b>Ensuring an international agenda</b>	5	1	1	<b>9</b>
<b>Allowing alignment of national activities</b>	5	1	1	<b>9</b>
<b>Taking a leadership worldwide</b>	5	2		<b>9</b>
<b>Establishing activities (flexible manner)</b>	5	1		<b>8</b>
<b>Market opportunities</b>	4	1		<b>6</b>

# Barriers to international cooperation

Funded activities	Public	Internat.	Others	Total (%)
<b>Lack of national financial resources</b>	5	2	2	<b>22</b>
<b>Lack of Human resources</b>	5			<b>12</b>
<b>Complexity of rules</b>	4		1	<b>12</b>
<b>Absence of alignment</b>	4	1		<b>12</b>
Non-continuity in the RDI value chain	3			7
Difficulties to coordinate	2			5
Lack of openness	2			5
Absence of national strategies	2			5
Intellectual Property Rights to be addressed	1	1		5
Cultural barriers	2			5
Distribution of tasks for implementing joint actions		1		2
Managing International vs. national	1			2

# Barriers to international cooperation

- ▶ Other reasons

- ▶ Lack of outside funding
- ▶ Capacity of international partners is sometimes an issue (not only technical but administrative)



# Main added-values from international cooperation

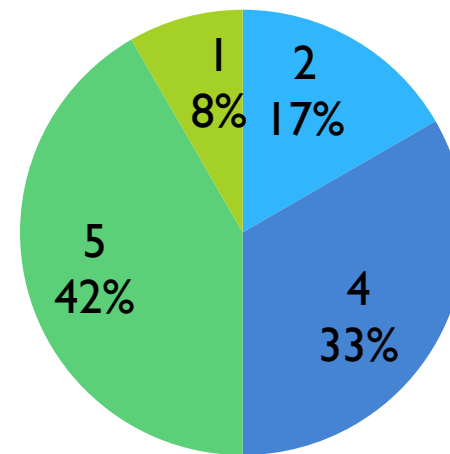
Funded activities	Public	Internat.	Found.	Others	Total (%)
<b>Creating larger and impactful opportunities for national researchers to partner</b>	7	2		1	<b>20</b>
<b>Increased impact of national funding programmes</b>	<b>6</b>	<b>2</b>		<b>1</b>	<b>18</b>
<b>Co-production of inter-transdisciplinary R&amp;I</b>	4	1		2	<b>14</b>
<b>Leverage effect of research funding</b>	4	1			<b>10</b>
<b>Enhancing strategic positions</b>	5				<b>10</b>
<b>Having access to different conditions</b>	3	1		1	<b>10</b>
Larger portfolio of activities	3	1			8
Mutualizing efforts	3				6
More exhaustive panorama of the existing research& innovation	3				6

# Key lessons learned from your organisation

- ▶ **Trust is required for building such cooperation**
- ▶ **Complexity (and time) required to set it up**
- ▶ Importance of approaching the most appropriate funders
- ▶ Essential to clarify mutual goals
- ▶ Understanding cultural settings
- ▶ Knowledge generation achieved through international cooperation
- ▶ Willingness is required to contribute and to align
- ▶ Essential to overcome the "development aid" approach (vs. co-designing projects)
- ▶ National research strengths and competitiveness when participating in multilateral
- ▶ Helps to see own R&I issues in different light, gives new inputs to own R&I efforts
- ▶ Difficult to align different political agendas in terms of research and innovation priorities

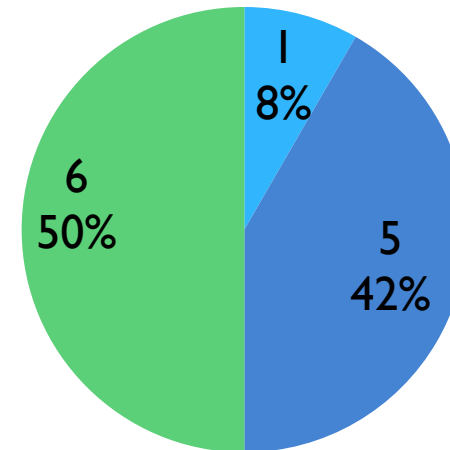
# How easy is it to

Initiate Joint Actions involving International Cooperation (from concept to start)

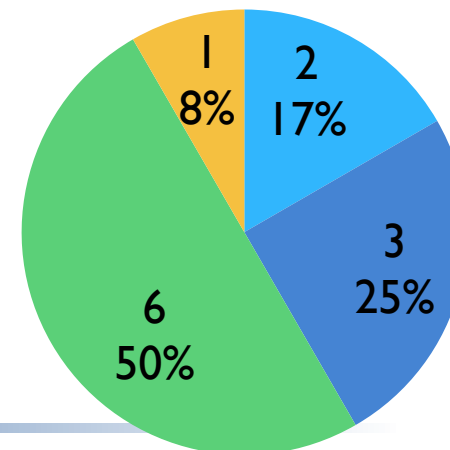


- Easy
- Not so easy
- Difficult
- Very difficult
- Don't know

Implement Joint Actions involving International Cooperation (from start to Action completion)



Monitor / Assess Joint Actions involving International Cooperation (after Action completion)



# Possible Joint Actions you would like to develop in cooperation with other initiatives

## ▶ **Joint Calls**

- ▶ Networking activities
- ▶ Mobility Actions
- ▶ Sharing of research infrastructures
- ▶ Activities with Water JPI, JPI Oceans, JPI Climate as well as other regional seas' R&I initiatives
- ▶ Actions for allowing participation in different conditions
- ▶ Augment local funding with international resources
  
- ▶ Develop further the linkages with other initiatives at European level (like existing international cooperation activities e.g China and India)
- ▶ Multilateral research collaborations CA-EU
- ▶ Joint research projects between researchers in Central Asian countries and EU colleagues on topics of joint interest

# Key Organisations / Initiatives you would like to share your experience in international Cooperation with

- ▶ BONUS for Russia
  - ▶ NSERC for Canada
  - ▶ Afri-Alliance (known to Water JPI)
  - ▶ DUPC programme with Dutch Ministry of Foreign Affairs (research component)
- ⇒ National development programmes



# Discussion / inputs / suggestions

