

Horizon 2020 Policy Support Facility



MLE on 'National Strategies and Roadmaps for Intl. Coop. in R&I'

Recommendations

Brussels,
2020-02-03

Purpose

- Agree on the selection of recommendations
- Identify the relevant and the missing ones
- Fine-tuning of recommendations
 - Content and wording
 - Addressees
- Agree on the structure of the final report

Overview

- 12 recommendations to almost the entire scope of our discussions
 - Divided in
 - *Sustaining challenges (not really new, but a constant challenge for improvement)*
 - *Upcoming challenges (based on more recent developments)*
 - Only a few section without recommendations:
 - *Evidence-based selection of international partner countries and thematic priorities*
 - *Use of European R&I internationalisation policies for joint activities*
 - Not every recommendation relevant for each country (or at least at different level of importance)

List of Recommendations (1)

Sustained challenges for international R&I cooperation

INCREASING COMPLEXITY OF R&I INTERNATIONALISATION STRATEGIES:

- 1. Apply a clear intervention logic to substantiate international R&I cooperation strategies (and objectives) – particular attention to be drawn to the notion of innovation**



National policy making (+ agency level)

EMBEDDING AND ALIGNMENT CHALLENGES OF INTERNATIONAL R&I COOPERATION POLICIES IN NATIONAL R&I STRATEGIES

- 2. Reinforcing strategic alignment of domestic policies to meet R&I internationalisation rationales**



National policy making + agency level; also MS/EC

- 3. Co-design of strategies (relationship between national and international strategy, roadmap and policies)**



National policy making

List of Recommendations (2)

SECURING CROSS-GOVERNMENT AND MULTI-LEVEL PARTICIPATION APPROACHES

4. Implement effective cross-government coordination and multi-level participation processes



National policy making (+ agency level)

MONITORING AND EVALUATION

5. Improve monitoring and evaluation of international R&I cooperation policies



National policy making + agency level + SFIC

List of Recommendations (3)

Upcoming challenges for international R&I cooperation

SDGs IN INTERNATIONAL R&I COOPERATION: FROM RECOGNITION TO JOINT ACTION

6. Stronger promotion of SDGs and challenge-driven R&I in international R&I cooperation



National policy making (+ agency level) + SFIC

MULTI-STAKEHOLDER PARTNERSHIPS FOR CHALLENGE DRIVEN INTERNATIONAL R&I COOPERATION

7. Exploration of funding partnerships with private and third sector entities



National policy making + agency level + SFIC

List of Recommendations (4)

AN ENHANCED VALUATION AND OPERATIONALISATION OF SCIENCE DIPLOMACY

8. Enhance effectiveness of science diplomacy through valuation and operationalisation



National policy making

UPGRADING THE STRATEGIC FUNCTIONS OF INTERNATIONAL STI AGREEMENTS

9. Invest in relationship management and stakeholder engagement



National policy making + agency level

List of Recommendations (5)

EMERGENCE OF 'GOOD COOPERATION' PRINCIPLES IN INTERNATIONAL R&I COOPERATION

10. Joint action on 'good principles' in international R&I cooperation



National policy making + agency level + SFIC

ANTICIPATING THE FUTURE TO REMAIN AGILE

11. Implement joint foresight activities for international R&I cooperation policies



National policy making + SFIC

AN ENHANCED ROLE OF SFIC?

12. Empowerment of SFIC to play a more active role in the coordination of joint R&I internationalisation activities



National policy making + SFIC

Level of implementation (sustained challenges)



Co-design of strategies (relationship between national and international strategy, roadmap and policies)

Implement effective cross-government coordination and multi-level participation processes



Apply a clear intervention logic to substantiate international R&I cooperation strategies (and objectives)

Reinforcing strategic alignment of domestic policies to meet R&I internationalisation rationales



Improve monitoring and evaluation of international R&I cooperation policies

Level of implementation (upcoming challenges)



Invest in relationship management and stakeholder engagement



Enhance effectiveness of science diplomacy through valuation and operationalisation

Joint action on 'good principles' in international R&I cooperation

Empowerment of SFIC to play a more active role in the coordination of joint R&I internationalisation activities



Stronger promotion of SDGs and challenge-driven R&I in international R&I cooperation

Exploration of funding partnerships with private and third sector entities

Implement joint foresight activities for international R&I cooperation policies



R1: Apply a clear intervention logic to substantiate international R&I cooperation strategies

- Lack of indications on concrete outcomes, approaches, operational measures and proposed or available resources
- Intervention logic should be plausible, feasible and verifiable – and transparent
- explicit intervention logic would be beneficial for coordination between different stakeholders
- Intervention logic for innovation policies (incoming and outgoing) needs to become more clear and integrated (otherwise only add-on or separate policy field)

R2: Reinforcing strategic alignment of domestic policies to meet R&I internationalisation rationales

- Secure strategic alignment of domestic instruments, programmes and regulations to meet the R&I internationalisation rationales, stipulated in an R&I internationalisation strategy or roadmap
- and/or provide additional structures, programmes, instruments and incentives (e.g. targeted R&I internationalisation programmes) where the national ones fall short.

R3: Co-design of strategies

- co-develop a strategic R&I internationalisation concept (or 'Leitbild') - based on a clear intervention logic - together with the overall national R&I strategy and integrate it there firmly
- follow-up with a dedicated R&I internationalisation roadmap, which builds on the overall national R&I strategy and which further refines it
- co-design facilitates integration and mainstreaming of international R&I cooperation and removes barriers from the very beginning



R4: Implement effective cross-government coordination and multi-level participation processes

- Horizontal connection to other policy-fields requires effective cross-government co-ordination at national level to achieve coherence and impact
- organise inclusive multi-level participation processes to catch specific knowledge and interests of various stakeholders, identify opportunities for joint approaches and create synergies and ownership
- Relevant both for the development and implementation phase



R5: Improve monitoring and evaluation of international R&I cooperation policies

- jointly develop monitoring and evaluation standards to facilitate the assessment and comparability of international R&I cooperation activities
 - guideline of how to formulate clear intervention logics to understand what success means
 - guideline for systematically monitoring international R&D cooperation
 - supplementing the national R&D surveys with a limited number of meaningful indicators to assess the relevance, effectiveness and impact of R&I internationalisation
 - launch of a pilot survey on European level

R6: Stronger promotion of SDGs and challenge-driven R&I in international cooperation

- Address and strengthen challenge-driven international R&I cooperation more explicitly by referring to the substance of the SDGs
- Co-design of multilateral challenge-driven approaches
- Use Joint Programming Initiatives (JPIs) more intensively for the purpose of challenge-driven R&I activities with international outreach

R7: Exploration of funding partnerships with private and third sector entities

- A Task Force should explore under which conditions such multi-stakeholder partnerships with private and third sector entities could be established and which EU Member States and countries associated to the FP would be willing to engage in such identification and co-development processes
- Mapping good practices in the USA and Europe could provide important learning opportunities for the Member States

R8: Enhance effectiveness of Science Diplomacy through valorisation and operationalisation

- *Aspire a more explicit rationale, which might result in a higher level profile of Science Diplomacy in international R&I cooperation policy*
 - “science for diplomacy” and “science in diplomacy” approaches are not yet fully operationalised in R&I internationalisation policy
 - the (potential) support of foreign diplomacy to forward international R&I cooperation is not as effective as it could be (“diplomacy for science” approach)
- Re-define the joint responsibility for Science Diplomacy between the foreign ministry and the ministry/ies in charge for international R&I cooperation

R9: Invest in relationship management and stakeholder engagement

- Develop systematic processes to engage with different R&I communities that could have an interest in establishing, using or re-defining STI agreements with specific partner countries
- Invest in the relationship with STI agreement counterparts in the international partner country and to maintain regular communication, even if the current collaborative activities are not active

R10: Joint action on 'good principles' in international R&I cooperation

- *Establish a joint action on 'good principles', operationalised through an European consortium involving experts, agencies and ministries responsible for international R&I cooperation*
 - map existing practices in terms of application of 'good principles'
 - consult with R&I ministries on priorities, cases of application and feasibility
 - draft a code of conduct on the use of 'good principles' in international R&I cooperation
 - promote the code of conduct in Europe and beyond through international outreach and dissemination measures

R11: Implement joint foresight activities for international R&I cooperation policies

- *Enhance the use of foresight for international R&I programming through joint activities. This refers in particular, but not exclusively, to challenge-driven and transformative international R&I cooperation*
- Improve the translation of anticipated geopolitical, biosphere and social fabric related (future) challenges in adequate programmatic and instrumental R&I internationalisation policies
- Joint foresight activities could be addressed by SFIC to provide a forum for sharing good foresight practices and foresight outputs



R12: Empowerment of SFIC to play a more active role in the coordination of joint R&I internationalisation activities

- Increase the operational capability of SFIC to perform its coordinating role in joint multi-lateral R&I cooperation activities between EU Member States/associated countries and selected international partner countries or regions on basis of variable geometry
 - discuss, identify and prioritise approaches and activities where the role and support of SFIC can add value to joint multi-lateral agenda setting and corresponding operational activities
 - creative thinking of how to supply adequate resources (and/or capabilities)

