



USING SCIENCE DIPLOMACY
FOR ADDRESSING GLOBAL CHALLENGES

A New Horizon in EU Science Diplomacy: Individual and systemic needs

Science Diplomacy 2018, AAAS

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Centre for Social Innovation, Vienna/Austria
Friday, 14 September 2018

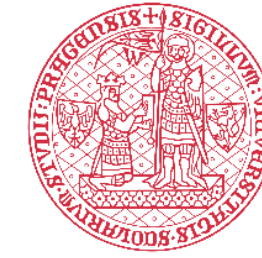


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770342.



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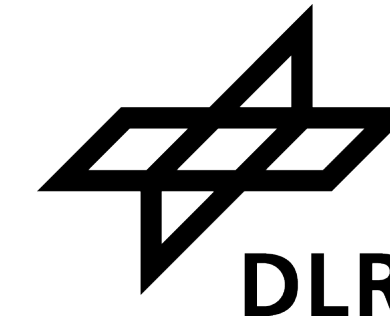
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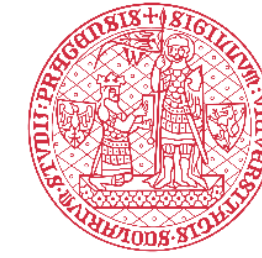
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Research

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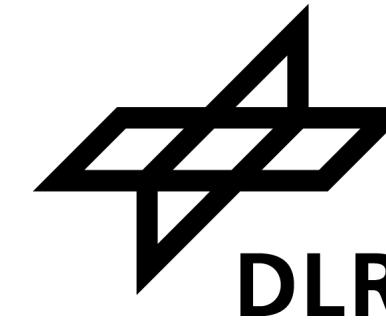
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Practice

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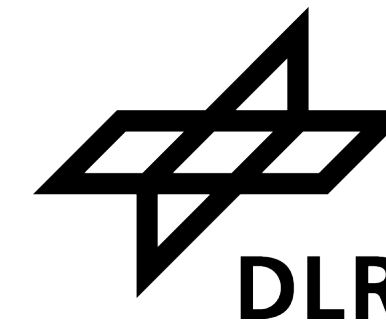
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USING SCIENCE DIPLOMACY
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Training

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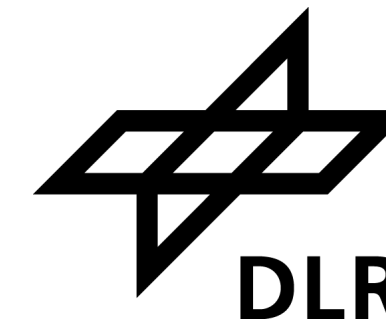
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- Awareness that **science & technology and international affairs are increasingly interrelated (e.g. Societal Challenges)**
 - Actors of science (policy) and international affairs want to **better understand the logics** of the other field and act accordingly
 - **Challenges** in science and diplomacy
 - EU-specific challenge: **foster coordination of national, trans- and supranational actors** for a joint approach to science diplomacy
 - EU-specific and general **opportunities**: a lot of experience in „internal“ SD, promising developments in EU science landscape as well as in diplomacy, areas of thought leadership (open science etc.)
- ➔ **Analysing and supporting** EU science diplomacy by looking at (retrospective and prospective) cases based on:
- relevant **EU foreign policy goals**
 - relevant **developments in EU research**
 - relevant **EU research policy instruments and infrastructures**

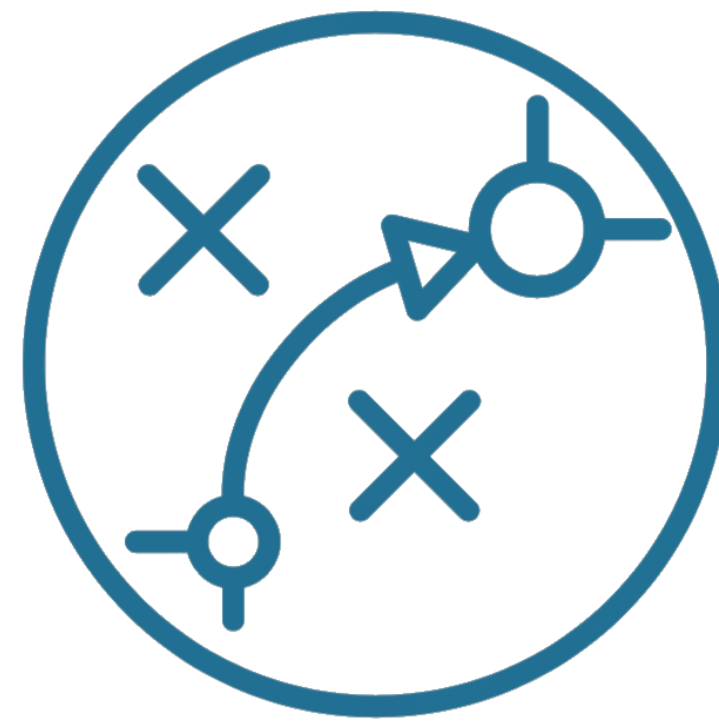




Networks and dialogue



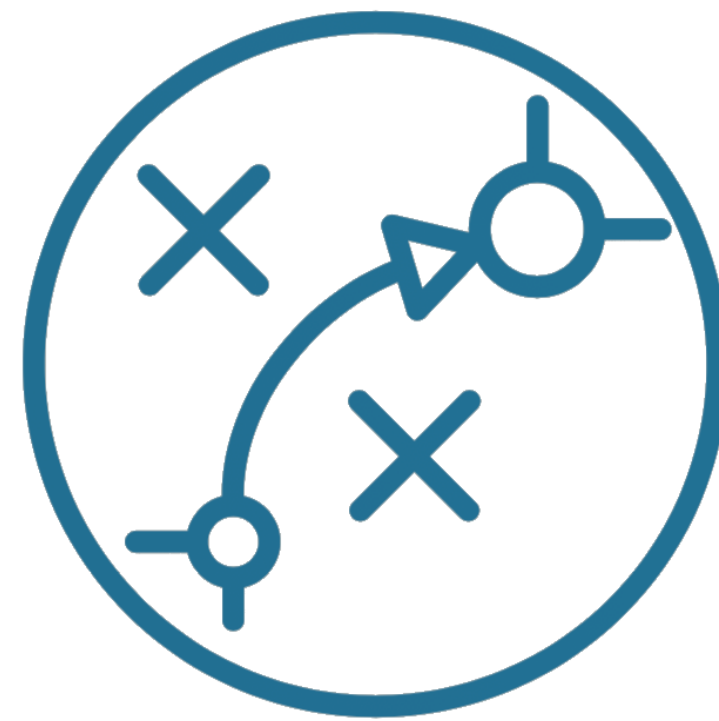
**Networks
and dialogue**



**Governance
framework**



**Networks
and dialogue**



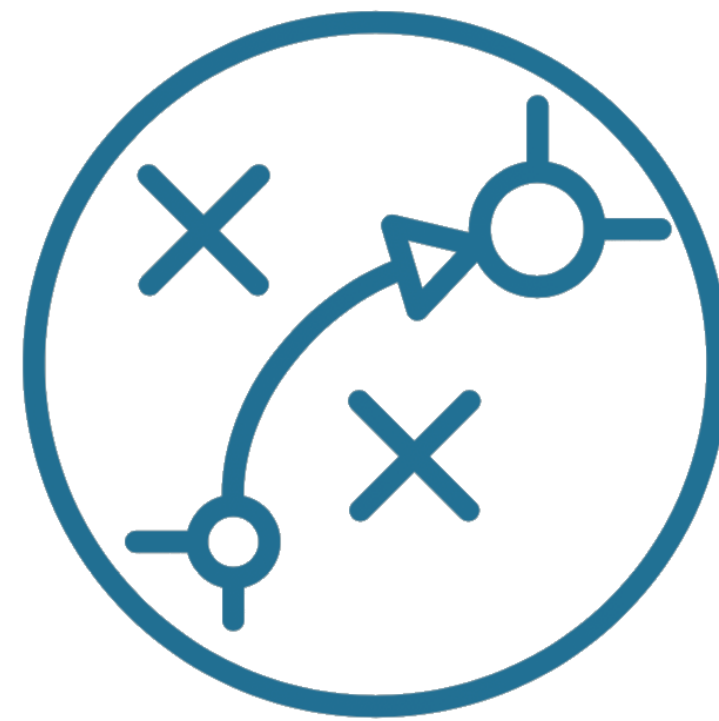
**Governance
framework**



**Knowledge
resources**



**Networks
and dialogue**



**Governance
framework**



**Knowledge
resources**



**Trainings for
science diplomats**

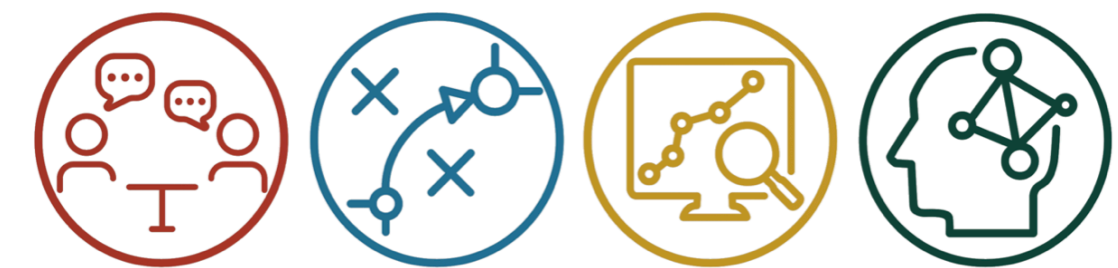
A global survey



130



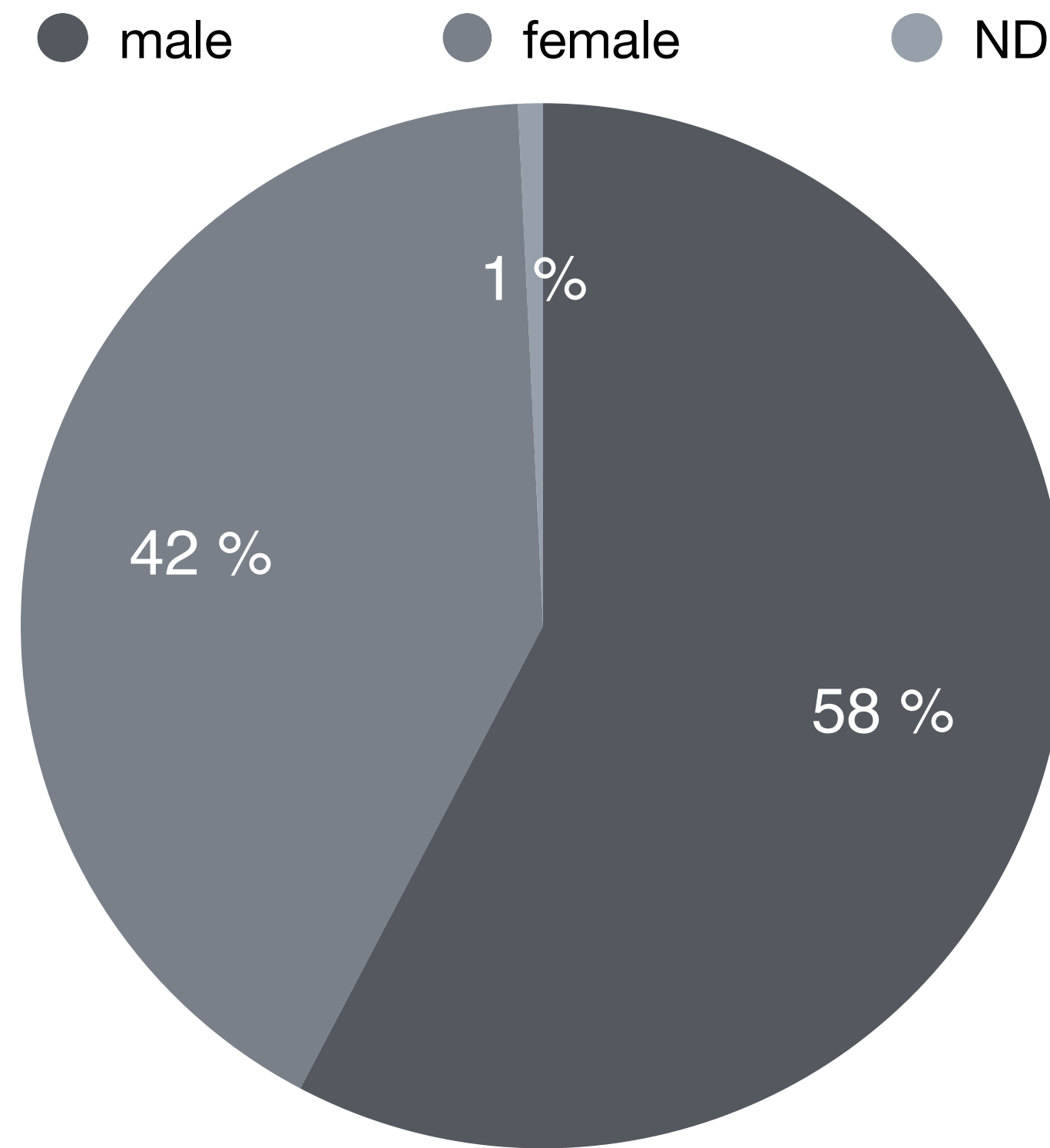
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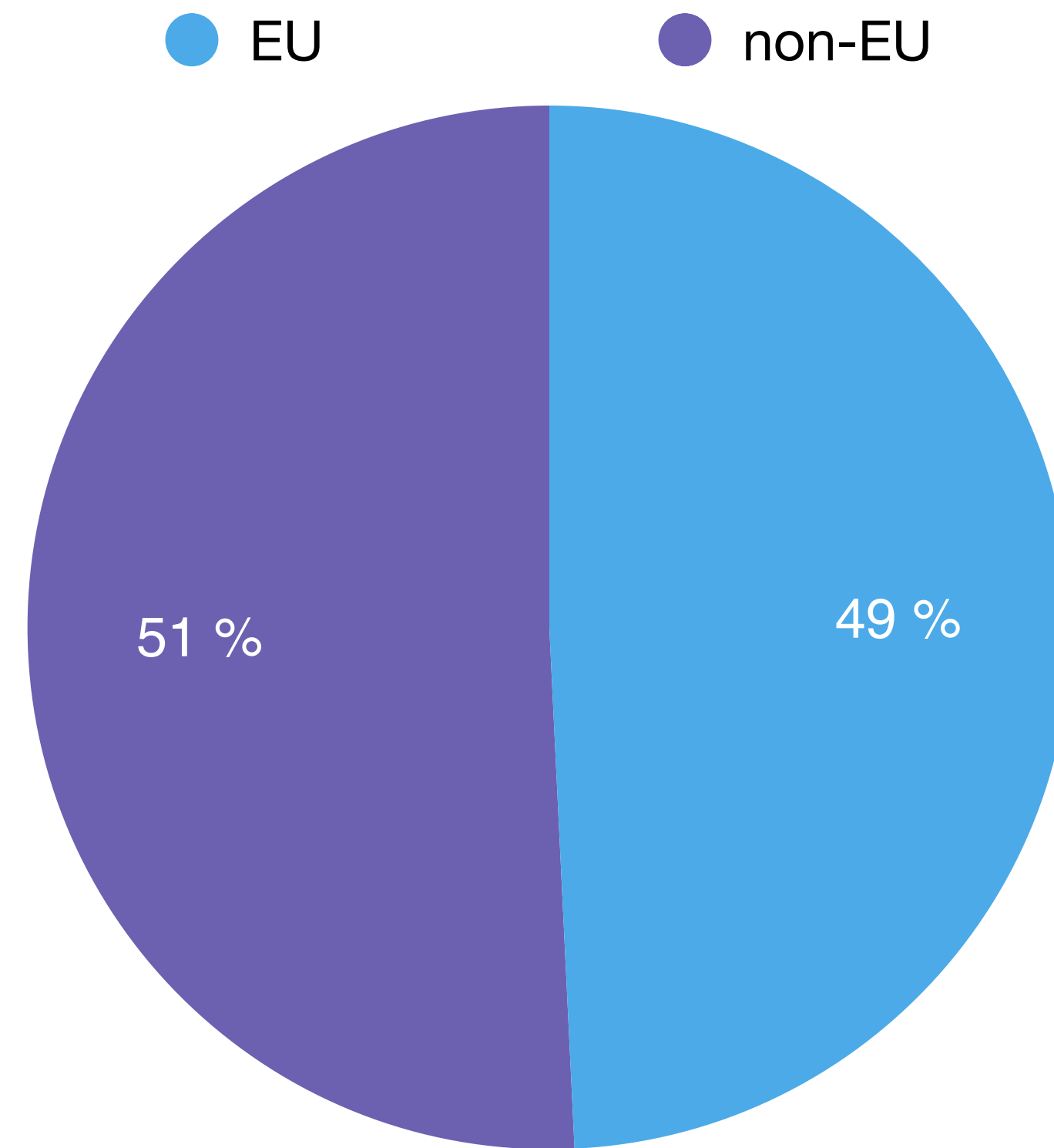


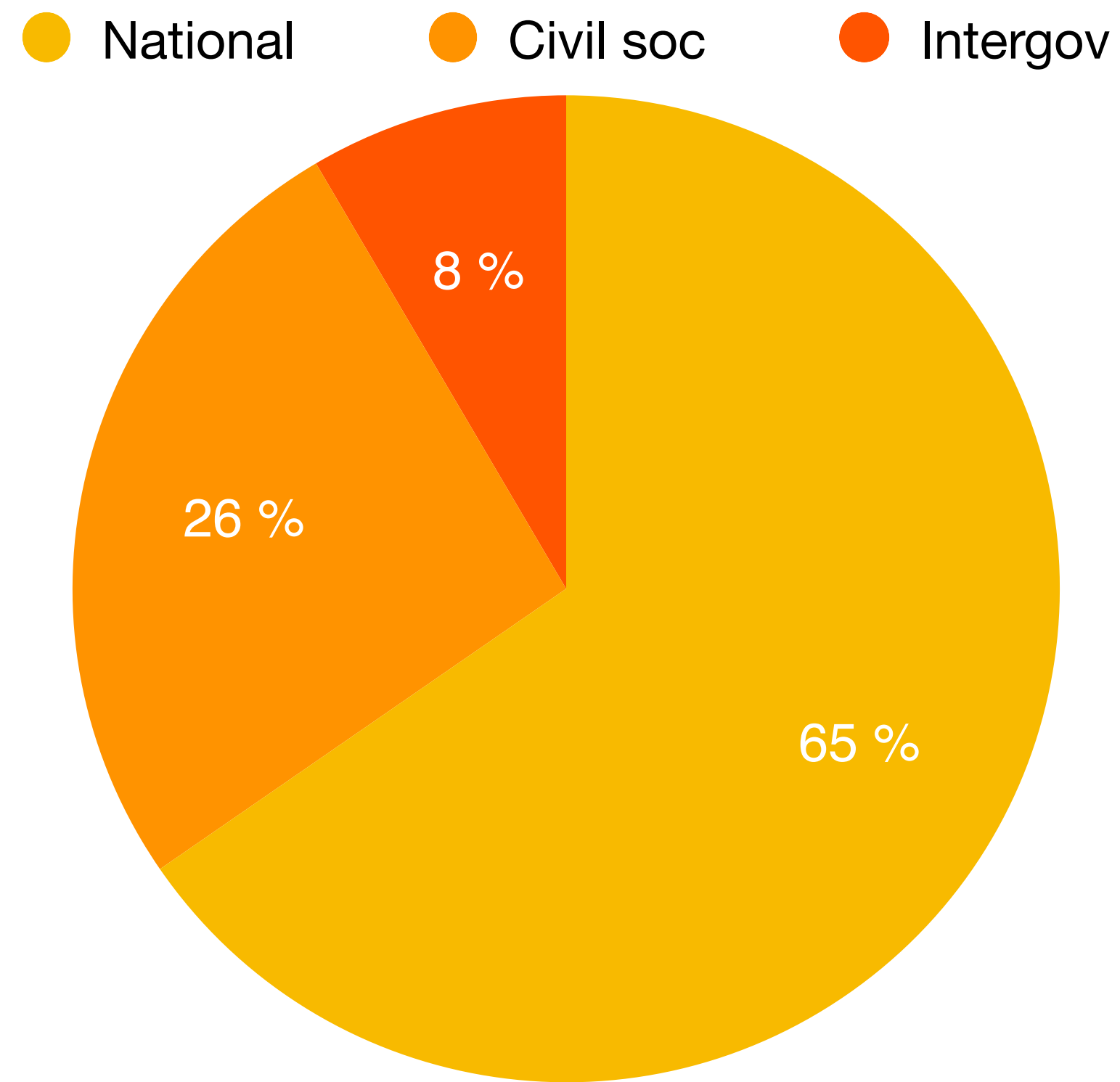
Understanding needs

26%









Goals: Improving science collaboration | Developing partnerships for global challenges | Strengthening my country's competitiveness

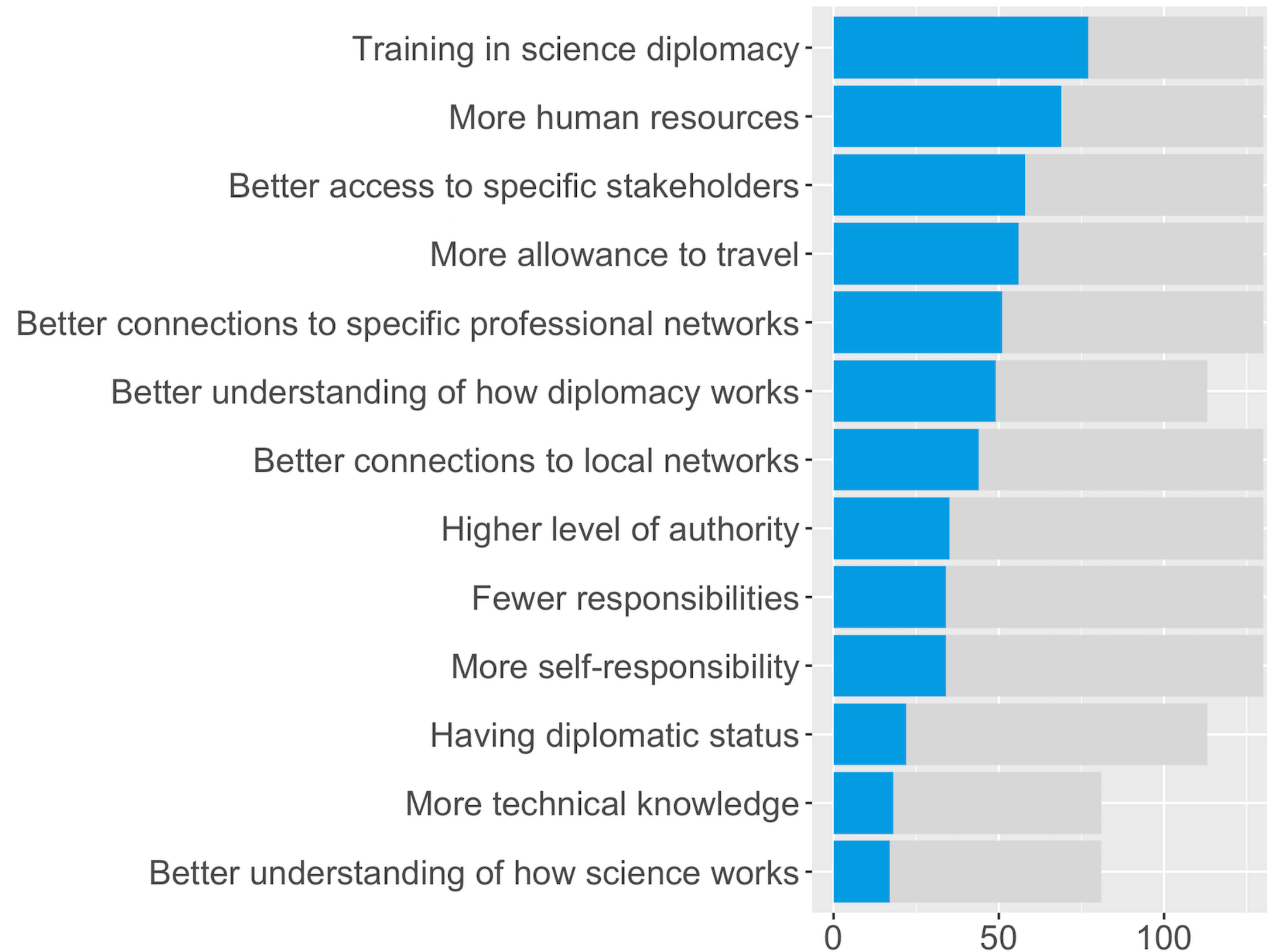


Tasks: Representation | Screening host country developments |
Supporting delegation visits | Supporting science cooperation |
Identifying experts



Challenges: Creating opportunities to get one's messages across |
Raising awareness for the relevance of S&T | Keeping track of S&T
developments | Understanding different perspectives and needs







- Knowledge resources are required with regard to stakeholder landscapes, STI agreements and activities of the host country
- Science diplomacy trainings are in demand
 - Technical knowledge is not the problem
 - Particularly important: Negotiation skills and knowledge about the interaction of science and foreign policy
 - Preferred forms of training: workshops, community networking, fellowships
- Conference visits, networks and academic journals still play a role in identifying scientific expertise
- Apart from representation and networking, forms of science advice are widespread among SD practitioners, but are they systematically used? **Coordination challenge!**

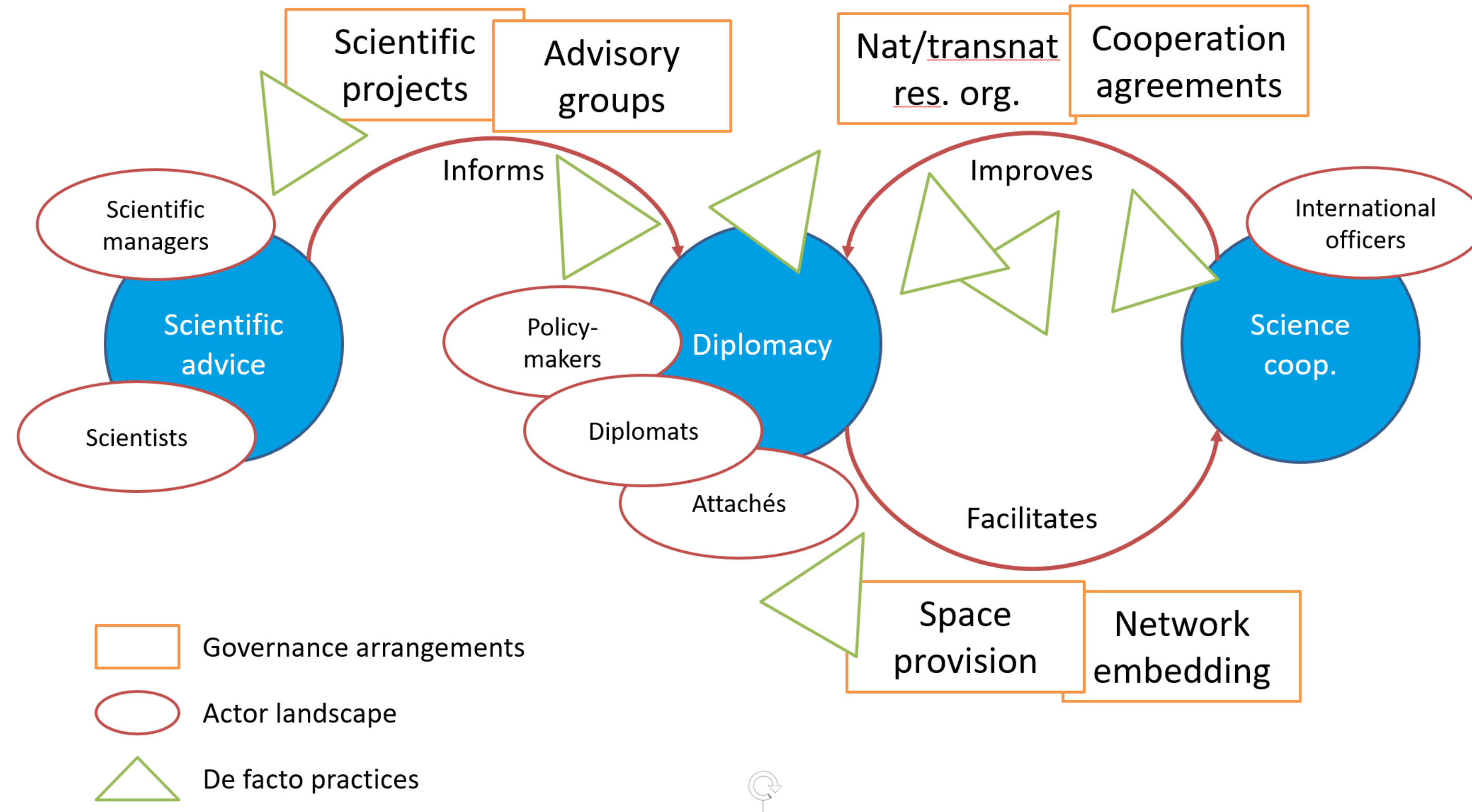




Governance
framework

- In addition to individual needs, in the EU context, we can discern **systemic needs**: towards a multi-level meta-governance framework
- Meta-governance framework: „all formal and informal measures, interrelationships and procedures aiming to achieve certain decisions in a way that participating actors (who can be quite heterogeneous) consider legitimate“ (Kuhlmann 2001)
- Such a governance framework improves horizontal and vertical coordination, making for a more effective science diplomacy







Governance
framework

- Examples of multi-level meta-governance
 - The EU Framework Programmes: negotiating openness, tapping into knowledge, coordinating policies
 - Joint programming: science policy and foreign relations in practice
 - Organising science advice: consolidating models



1st S4D4C Global Meeting: **EU Science Diplomacy Beyond 2020**

- 12-14 December 2018
- Madrid, CSIC and CaixaForum
- More information on: www.s4d4c.eu

Join us in Madrid!



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