

From cancer genetics to science diplomacy to Horizon 2020

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10 tips for an effective SD role



- 1. It's a figure it out position!**
- 2. You are part of a team! Define a common strategy!**
- 3. Curb your enthusiasm – Science is one piece of the puzzle**
- 4. Foster a culture of science in policy making and evaluation!**
- 5. Embed science everywhere! A multidisciplinary approach**
- 6. Don't underestimate your counterparts!**
- 7. Identify champions that support you in other departments!**
- 8. Engage with the international practitioner community!**
- 9. Read and watch the news!**
- 10. Language and trust is everything!**

International recognition to the FECYT role in SciDip

1. **Switzerland and Spain cited as two innovative countries in SD, by RISE to Commissioner Moedas**
2. **“Ambassadors for Science” as an innovative tool to connecting scientists to policy around the world**
3. **Training workshops in LATAM and Caribe, supporting countries in their design of SD strategies**
4. **Joining one of the three SD consortia funded by H2020**



- **A H2020-funded research consortium (2018-2020)**
- **Background context:**
 - Europe facing increasingly urgent and complex challenges, more interdependent and global in nature
 - Addressing these challenges require: coordinated international efforts; articulation of diplomatic skills AND scientific knowledge
 - However communication between the scientific and diplomatic communities is not straightforward
- **S4D4C double orientation:**
 - S4D4C **research orientation**: analyzing the interfaces between EU (and MS) science policy and EU (and MS) foreign policy
 - S4D4C **policy orientation**: producing policy guidance and training for more efficient interfaces, contributing to a better preparation of EU science diplomats

UNIVERSITY
OF TWENTE.



FACULTY
OF SOCIAL SCIENCES
Charles University



diplomatische
akademie wien
Vienna School of International Studies
École des Hautes Études Internationales de Vienne



USING SCIENCE DIPLOMACY
FOR ADDRESSING GLOBAL CHALLENGES



DZHW.



Nine empirical case studies and...



**Networks
and dialogue**



**Governance
framework**



**Knowledge
resources**



**Trainings for
science diplomats**

RESEARCH PILLAR 1 Foreign Policy driven (Diplomacy challenges)	RESEARCH PILLAR 2 Science driven (Science opportunities)	RESEARCH PILLAR 3 Instrument driven (Coordination options)
CU (TWAS, UL, USFD)	ZSI (DLR, UT, UL)	DZHW (CU, USFD)
Infectious diseases	Societal challenges in H2020 – Food security	SESAME
Water management	FET flagships	Joint programming
Cyber-security	Open science	Science advice mechanisms

1st S4D4C Conference
12-14 Dec 2018 | Madrid, Spain
"EU science diplomacy beyond 2020"

2nd S4D4C Conference
10 Oct 2019 | Berlin, Germany
"Towards an EU science diplomacy roadmap"

3rd S4D4C Conference
Nov 2020 | Brussels, Belgium



STAY TUNED FOR UPDATES!






A declaration listing benefits and principles to foster SD worldwide and endorsed by over 125 experts in the field



An upcoming policy report listing all stoppers, warnings and drivers for SD and a set of policy recommendations for a EU SD roadmap



			
WORLD GOVERNANCE	<ul style="list-style-type: none"> • Discoordination between government departments • Limited or no funding streams • Growing mistrust in democracy and institutions • High dependency on officials instead of institutions 	<ul style="list-style-type: none"> • Different understandings about science diplomacy • Different mind-sets, cultures, and rules to bridge • Competitive vs collaborative approach • Weak political leadership for science diplomacy 	<ul style="list-style-type: none"> • Global and regional charters for win-win actions • Science diplomacy is in the policy discourse • Training and capacity building exercises • Trust, empathy, political will and transformes
SCIENTIFIC GOVERNANCE	<ul style="list-style-type: none"> • Threat to science independency • Task overload to researchers • Brain drain • Lack of awareness in scientific institutions 	<ul style="list-style-type: none"> • Pressure and undefined goals • Coordination of science advisers • Nature of the embassy office with science attaches • International affairs and negotiation skills 	<ul style="list-style-type: none"> • Growing use of science advice committees • Science and collaboration as core European values • The public value of science • European Commission instruments and policies
EUROPEAN GOVERNANCE	<ul style="list-style-type: none"> • Nationalisms and protectionisms • Socio-political fractures in the EU • Political interests often outweigh science interests • Cooperation in the diplomatic corps 	<ul style="list-style-type: none"> • Digitalisation • Questioned traditional modes of cooperation • Member States' autonomy and coordination • Role to the European Parliament 	<ul style="list-style-type: none"> • The EU as an example of integration • Developmental cooperation frameworks • Economic competitiveness • Cultural diplomacy



Identification of 3 Challenges in EU SD:

- (i) defining SD as a variable but succinct framework
- (ii) coordination between MS and the EU
- (iii) the training of staff engaging in SD

State-of-the-art analysis

Exhaustive literature review of SD as a policy discourse, and as activities and structures

What it takes to do SD

Survey analysis about practices, identities, needs, skills and challenges of over 130 science diplomacy practitioners.

Meta-governance for SD

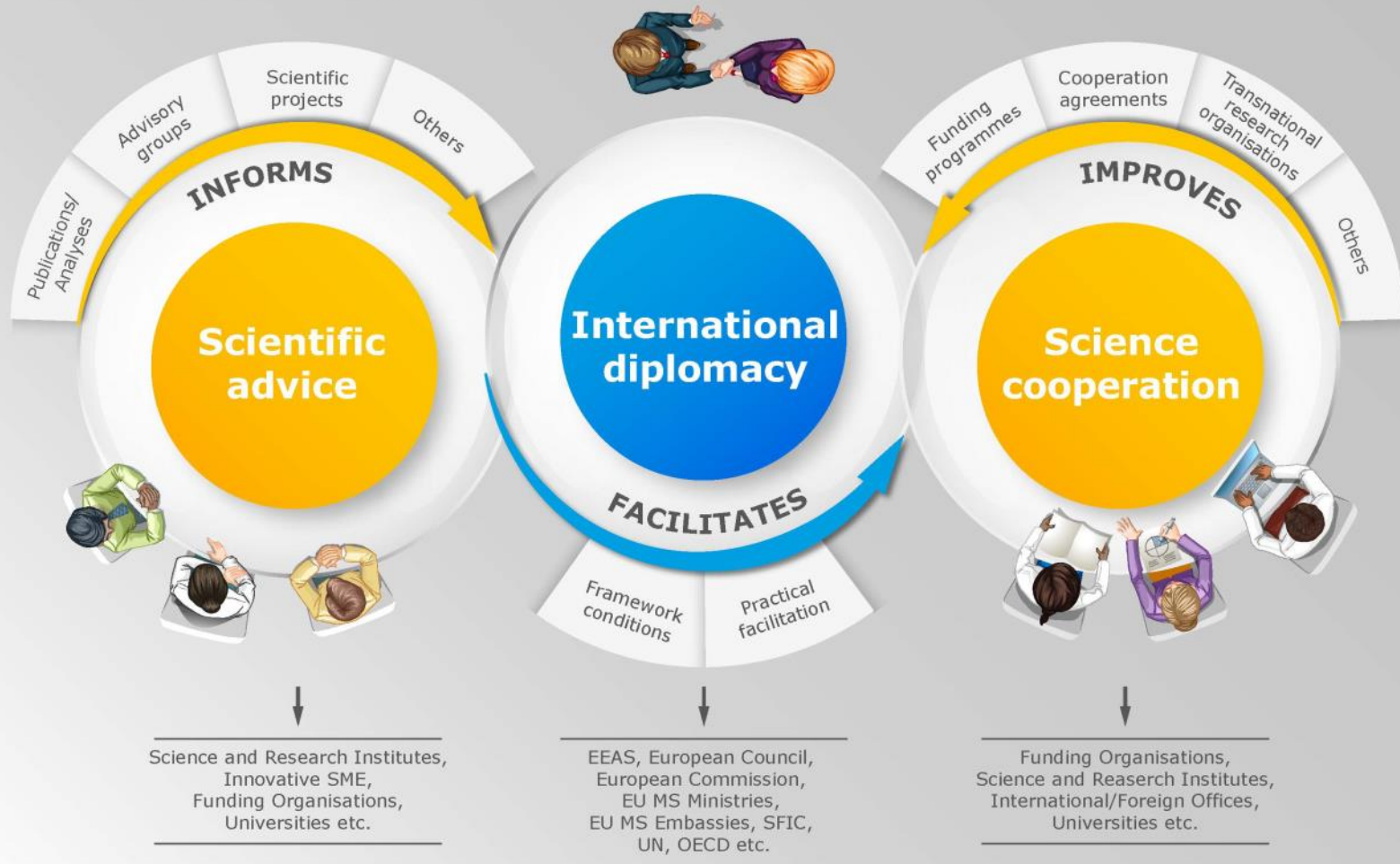
Discovering the patterns and structural mechanisms guiding Science Diplomacy: constellation of governance arrangements, stakeholders and de facto practices



4 premises to set governance mechanisms for SD:

- (a) grand societal challenges require both DIP and Sci
- (b) Sci-based knowledge production is diverse & evolving
- (c) DIP means reconciling a variety of interests
- (d) SD requires combined science and diplomacy literacy

EU Science Diplomacy





Networks
and dialogue



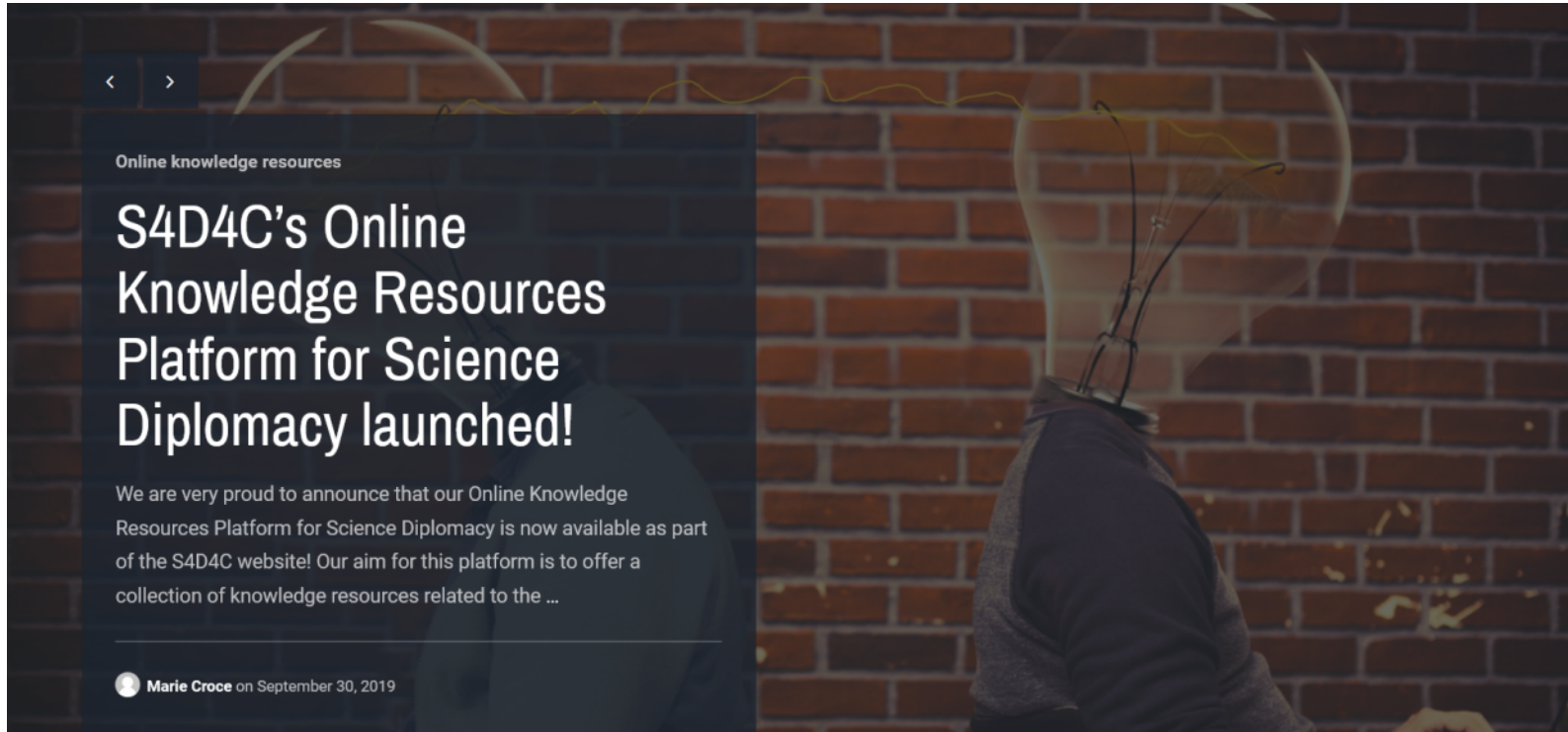
Governance
framework



Knowledge
resources



Trainings for
science diplomats



An online platform containing links to the seminal papers on SD, main institutions, Educational material, funding schemes, etc.

The Open Doors Programme

- Five European scientists were selected to spend time at ministries, embassies, the European Space Agency, the UK parliament and other international institutions in Spain, Germany, Belgium and UK



Science Diplomacy Training Workshops

- Trieste (Italy) and Vienna (Austria) in Autumn 2019
- Training material will be made available



www.science-diplomacy.eu



Project cluster:



European Leadership in Cultural,
Science and Innovation Diplomacy

2016-2018

[Read more](#)



Inventing a shared Science
Diplomacy for Europe

2018-2021

[Read more](#)



Using science for/in diplomacy
for addressing global challenges

2018-2020

[Read more](#)

Final tips for a career in SD

Knowledge	Skills	Where
Science background	Multi-task, work under pressure, strict deadlines	National embassies abroad or foreign embassies at home
Policy or International Relations background	Management (projects, people and funds)	Government departments and public agencies with an international scope
Familiarity to national and international STI systems	Communication and writing skills	International units in universities, research centres and companies
EU governance and policy	Public relationships	European Commission or the European External Action Service (EEAS)
Take a master if needed!	Proactivity, independency, quick decision-maker	International organisations, NGOs, and learned societies

Contact

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S4D4C – Using science for/in diplomacy for addressing global challenges

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