



USING SCIENCE DIPLOMACY
FOR ADDRESSING GLOBAL CHALLENGES

Setting the Scene

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&

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History of Science Diplomacy

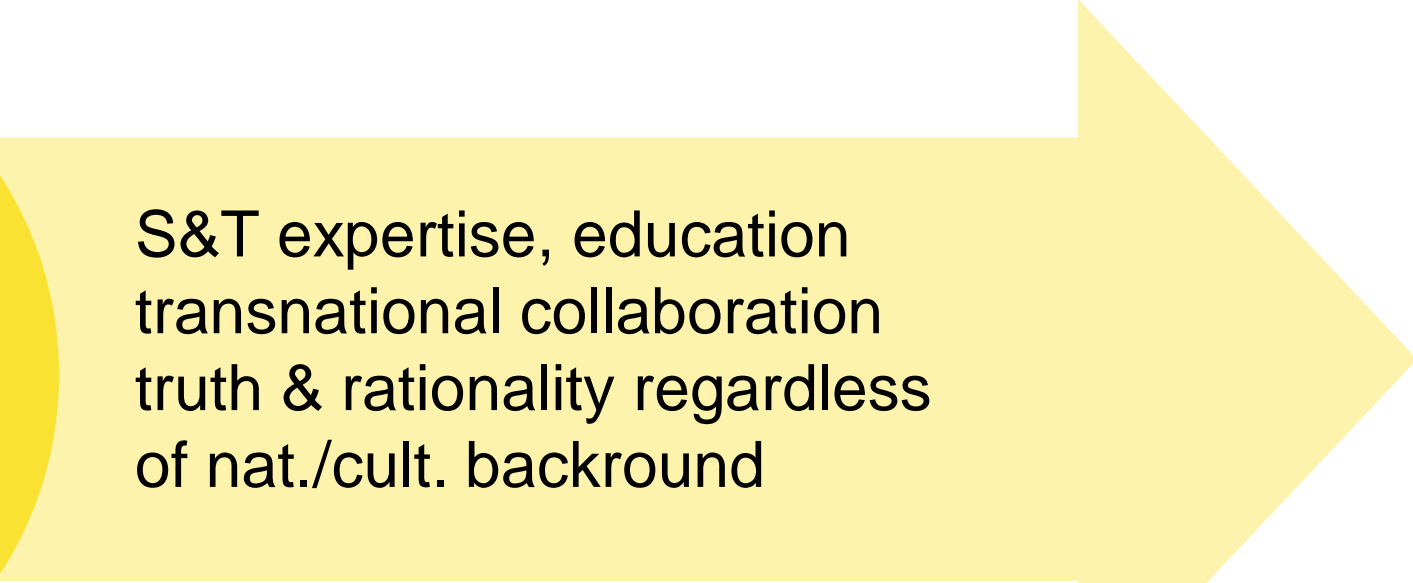
- Britain: First Science Advisor (Royal Society) in Foreign Office in 18 Century
- Post-WWII / Cold War (Pugwash movement, Atoms4Peace)
- Transnational and supranational organizations in the EEC (CERN, EURATOM, EMBO, ESO etc.)
- Post 1989 initiatives (CRDF, EU Framework Programmes ISTP, ICCP, Arctic Council etc.)
- Post millennium discourse with explicit reference to science diplomacy (Millennium Agenda 4 Global Change, Obama Speech @ Cairo University 2009, Royal Society & AAAS 2010)



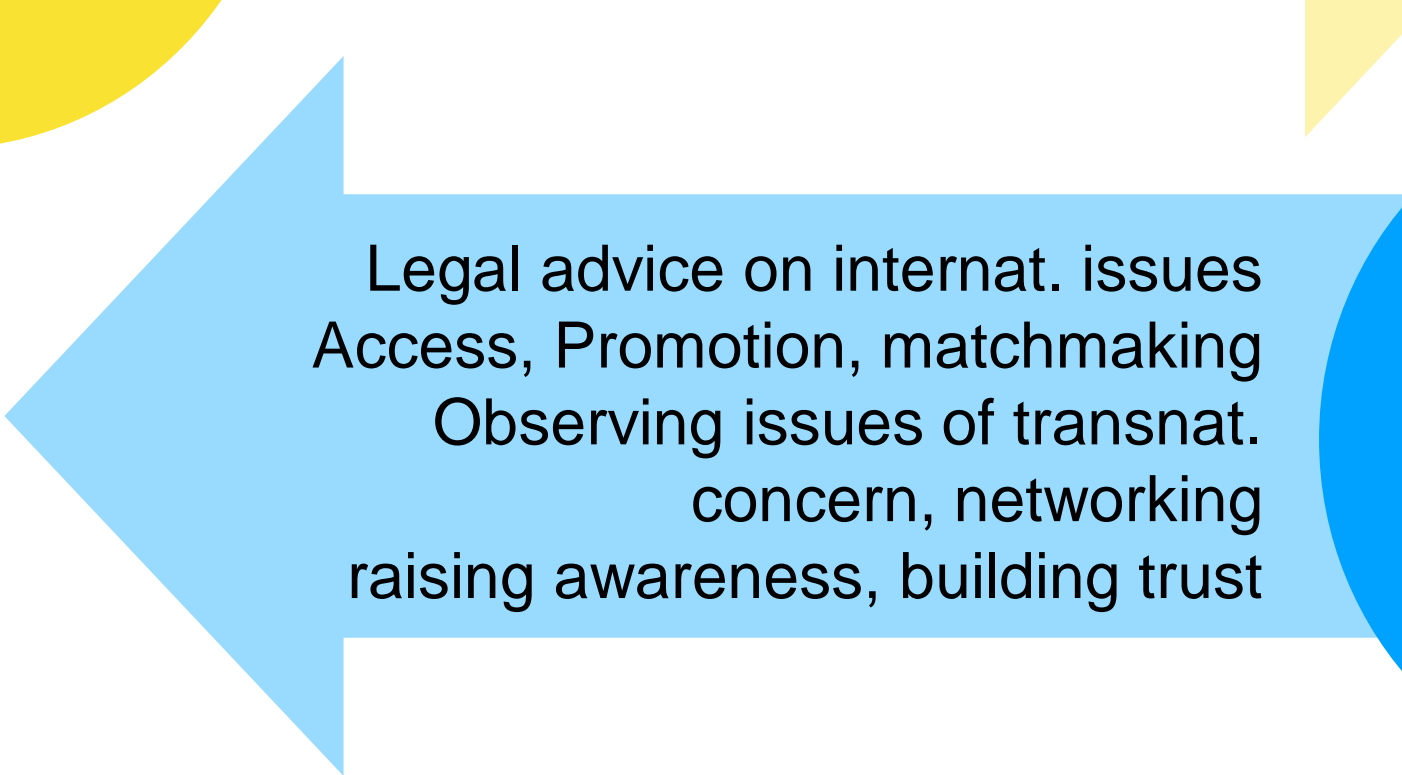
What is science diplomacy?

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S

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S&T expertise, education
transnational collaboration
truth & rationality regardless
of nat./cult. background

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Legal advice on internat. issues
Access, Promotion, matchmaking
Observing issues of transnat.
concern, networking
raising awareness, building trust

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D

Current discourse on Science Diplomacy

Observations:

- 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
- Lack of scholarly attention (e.g. STS, science policy, IR) to the new and interdisciplinary relevance of science diplomacy
- EU-specific challenge: **foster coordination of national, trans- and supranational actors** for a joint approach to science diplomacy



Instruments of Science Diplomacy

- ISTA (exponential rise since 1996)
- transnational (matchmaking) funds and mobility schemes (envoys or scientific exchange)
- Research Infrastructures (ESFRI, transnational organization)
- **Attachés and Counselors in embassies / liaison offices**
- S&T Advisory Mechanisms (personal advisors, boards)
- Governmental communications (strategies, roadmaps etc.)
- **Training and awareness raising**

EU Science Diplomacy

- Different degree of efforts in EU Member States
- European Commission embraced the topic as part of the 3O strategy of Commissioner for Research & Innovation C Moedas: Open Science, Open Innovation and Open to the World

„The universal language of science ... builds bridges across borders, beyond cultural, ethnic or religious differences“ (F Mogherini, EU High Representative for Foreign Affairs and Security Policy)

EU Science Diplomacy

Three Horizon 2020 projects are currently working on science diplomacy

- EL-CSID (2016-2019)
- InsSciDE (2018-2021)
- S4D4C (2018-2020)



The projects are research projects, but also:

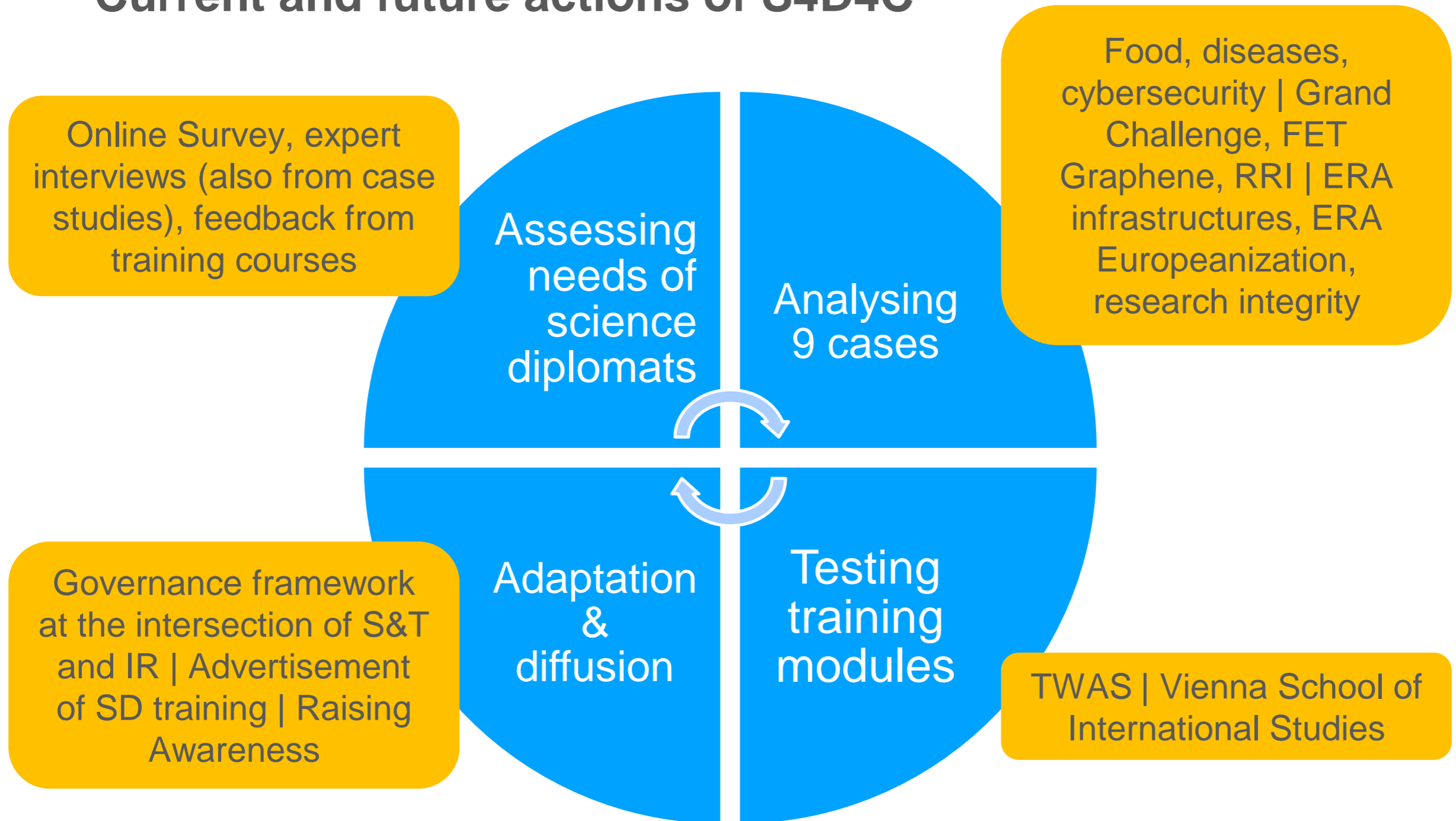
- Networking support
- Training and capacity building
- Governance and policy advice



We explore and inform EU Science Diplomacy



Current and future actions of S4D4C



Prospects for Science Diplomacy in the Euro-Mediterranean Region

Elements in place:

- Government communications (Cairo Declaration 2007 „Towards a Euro-Mediterranean Higher Education and Research Area“; together with higher education, research is also one of the six axes of the Union for the Mediterranean)
- Euro-Mediterranean Group of Senior Officials in Research and Innovation
- S&T Agreements (EC with: Algeria, Egypt, Jordan, Morocco, Tunisia) incl Group of Senior Officials
- R&I funding: within Horizon 2020; multilateral (PRIMA)
- Research infrastructures (SESAME)

Prospects for Science Diplomacy in the Euro-Mediterranean Region

Proposed discussion topics:

- Resources, capacities and challenges of science diplomats:
Do the people you work with have the right skill set and resources at hand?
- Are the governance levels complementary (national, EU, multilateral)?
- How can the logics of science and foreign policy be made more compatible?
What interfaces are required?

Thank you for your attention

Stay tuned

@S4D4C

<http://www.s4d4c.eu>

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