



science and innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



SCIENCE FOR SOCIAL JUSTICE

6-9 December 2022

CAPE TOWN

Supranational coordination of Science Diplomacy

Dr. Jan Marco Müller

European Commission – DG Research and Innovation



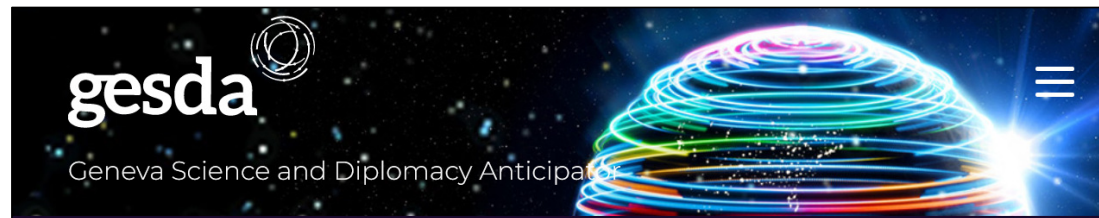
#WSF_ZA2022
@dsigovza



www.worldscienceforum.org

www.dst.gov.za
<https://worldscienceforum.org/>

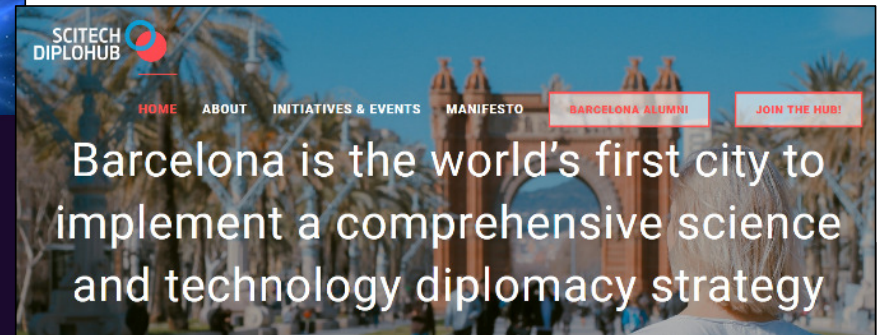
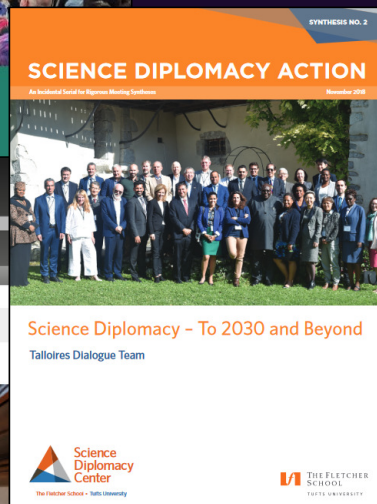
Science Diplomacy became very popular in the last 15 years



Founders and Partners Bylaws

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The Vienna Statement on Science Diplomacy



Leveraging Science Diplomacy in an Era of Geo-Economic Rivalry

Towards a European strategy

Björn Fägersten

THE MADRID DECLARATION ON SCIENCE DIPLOMACY.

EU Member States started developing related strategies

Science Diplomacy in Austrian International Cultural Relations



Auswärtiges Amt

Science Diplomacy

I. Eine neue Strategie in der Außenwissenschaftspolitik



UDENRIGSMINISTERIET
Ministry of Foreign Affairs
of Denmark

STRATEGY FOR DENMARK'S TECH DIPLOMACY 2021-2023

FEBRUARY 2021

Towards An Enabling Science Diplomacy

The current state and development of Finnish science diplomacy

Publications of the Government's analysis, assessment and research activities 2021:41

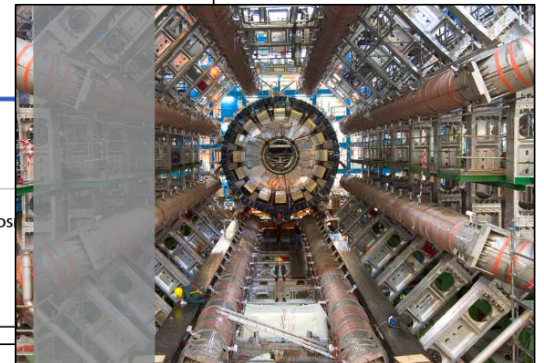
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Language Finnish

Pages



Une diplomatie scientifique
pour la France

Dezernat

LA DIPLOMAZIA SCIENTIFICA



MINISTERO DEGLI AFFARI ESTERI
E DELLA COOPERAZIONE INTERNAZIONALE

Ministries of Foreign Affairs started appointing science diplomacy experts



Mr Ferenc Nagy-Rébék

Head of Department, Department for Science Diplomacy, Ministry for Foreign Affairs and Trade

Referat V.3.b

Wissenschaftskooperationen und Wissenschaftsdiplo

Wissenschaftsdiplomatie inkl. Zusammenarbeit in

FMSTAN/SPIDER; inhaltliche A

Schulangelegenheiten; Austa

SprachassistentInnen sowie v

einschließlich "Fulbright-Stipe

österreichische und deutsch

und Studienabschlüssen; Jug

Contact

Phone: (+43 / 0)



Dirk-Jan Koch

Chief Science Officer

Advisor to the Minister on international
scientific cooperation (Scientific
Associate at European Organisation for
Nuclear Research, CERN)

Mr Toms Torims



Peter Petian · 1.

Ambassador-at-Large for Science and Innovation, Ministry
of Foreign and European Affairs of the Slovak Republic



Ministry of Foreign Affairs
of the Czech Republic

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**Special Envoy for Science
Diplomacy**

13.03.2020 / 08:05 | Aktualizováno: 13.03.2020 / 08:23

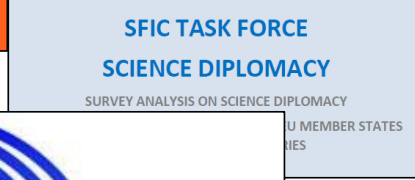
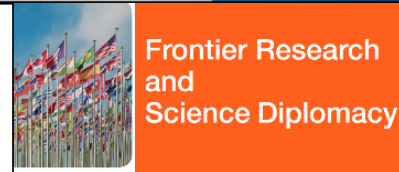
Special Envoy for Science Diplomacy is responsible for ad

A lot has been happening at EU level as well

InsSciDE
Inventing a shared Science
Diplomacy for Europe



USING SCIENCE FOR/IN DIPLOMACY
FOR ADDRESSING GLOBAL CHALLENGES



← Tweet



Josep Borrell Fontelles
@JosepBorrellF

Science diplomacy in action:
@ESO has in Paranal the world's most powerful
observatory. 16 European countries, of which 14 EU
Member States, Australia & host Chile work together.

Cooperation of researchers increases scientific
capacities, in turn helping solve global problems.



ABOUT US EU IN THE WORLD WHAT WE DO

EEAS > Science diplomacy

Page language: ENGLISH SHARE PRINT

Science diplomacy

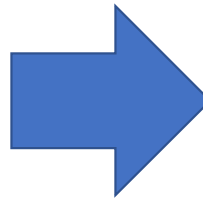
Global challenges are becoming increasingly complex to understand the potential consequences of political decisions have been both a driver and enabler of global change, with science playing a central role. While science is regarded as a public good, independent, transparent, politically neutral, the rise of a populist narrative questioning scientific facts, discrediting institutions, thus undermining public trust in democracy and multilateralism.



But Science Diplomacy itself is changing, too



2016



2022

The state of Science Diplomacy in Europe

The issue

Largely uncoordinated science diplomacy efforts in Europe and lack of EU approach in times of a rapidly changing geopolitical and scientific-technological environment

The goal

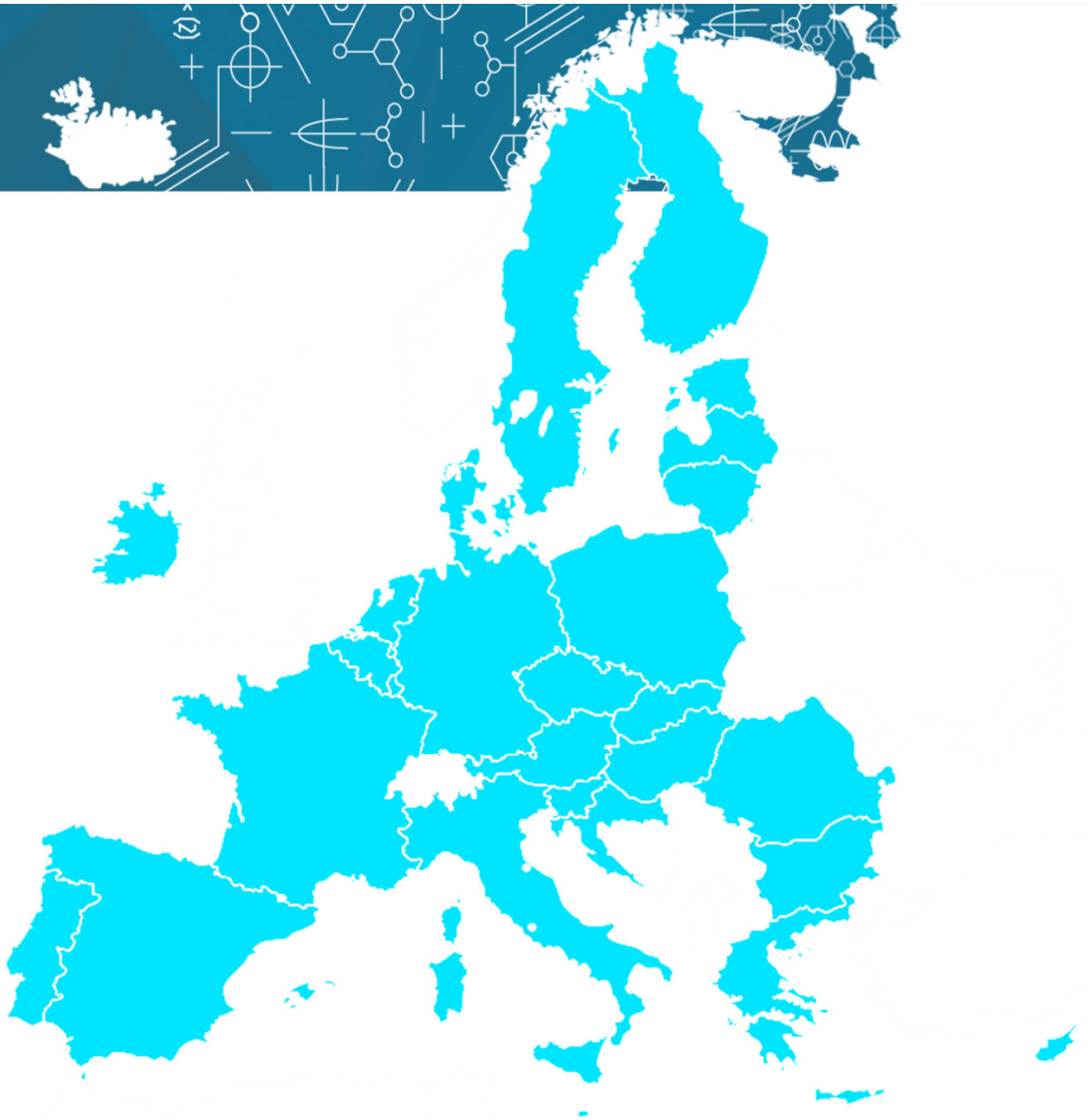
Develop European leadership in science diplomacy to project soft power and pursue European economic interests and values more effectively

Council Conclusions on the Global Approach to Research & Innovation (28/09/2021)

34. CALLS ON the Commission and the European External Action Service to develop a European Science Diplomacy Agenda and to present it to the Council, to explore designating science focal points in order to ensure adequate capacities for science in Union delegations, to foster cooperation with Member States' science counsellors in third countries, to consider involving representatives of the rotating Presidency in joint steering committee meetings, based on bilateral agreements between the Union and third countries, and to report to the Council on their progress by 2023; INVITES the Commission and the Member States to explore setting-up appropriate mechanisms for cooperation in the fields of science, innovation and cultural diplomacy in line with the recommendation of SFIC⁸ and other relevant expert organisations⁹; HIGHLIGHTS the importance of integrating the Global Approach in R&I in the Union's external action;

What do we mean by...

- **European?**
- **Science Diplomacy?**
- **Agenda?**



What do we mean by European?

- European Research Area ≠ Europe in Common Foreign and Security Policy
- European Institutions and Member States (“Team Europe”)
- Link to like-minded partners abroad



What do we mean by Science Diplomacy?

Science Diplomacy

Tech Diplomacy

Innovation Diplomacy

STI Diplomacy

...?

Climate Diplomacy

Water Diplomacy

Energy Diplomacy

Digital Diplomacy

Space Diplomacy

...?

- Science Diplomacy should be understood in a broad sense (= natural sciences, SSH, engineering, medicine, education)
- Focus on the how, not the what, in order not to interfere with thematic policy processes!

What do we mean by Agenda?

What?

- Non-binding, based on voluntary commitments
- Forward-looking, suggesting concrete actions

How?

- Co-creation with participants from the science and diplomacy spheres
- Verification (“reality check”) by stakeholders

Three delivery mechanisms

1. Strengthening interactions between R&I policy and foreign policy
 - > *Structural linkages between policy instruments, science advisory ecosystems, SD in Embassies/Delegations, global SD outreach*
2. Making diplomacy resilient through foresight, evidence, and strategic use of scientific cooperation
 - > *Foresight, SD tackling global challenges / crises / emergencies, SD and multilateralism, SD and the global commons, SD supporting public diplomacy, SD in times of war and when relations are difficult*
3. Building capacity for European Science Diplomacy
 - > *Building capacity in science, building capacity in diplomacy, strengthening the interface*

We need to invent a modern science diplomacy that is fit for the strange world we live in – and delivers social justice

