

Institutions, types and processes of science advise in Europe

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17 March 2021
DCA & ESAF Conference 2021



The evolving science-policy nexus

- High quality scientific advice, provided at the right time, is needed to inform and shape policy-making but **not determine** policy-making
- Across the science-society nexus there are calls for **strengthened interactions**, coordination, co-creation, communication and integrity.
- Policy-making is becoming more **research-dependent** (COVID-19, SDGs, AI)
- Providing science for policy is part of a diverse ecosystem – reflecting **different needs in different contexts**:
 - science advice needed at different levels of governance
 - different target audiences – politicians, policy makers, public, media, agencies, cities, international organizations
 - different purposes – from crisis to forecasting
- Science Policy Advice is evolving into a distinct set of institutions and **collective skills**

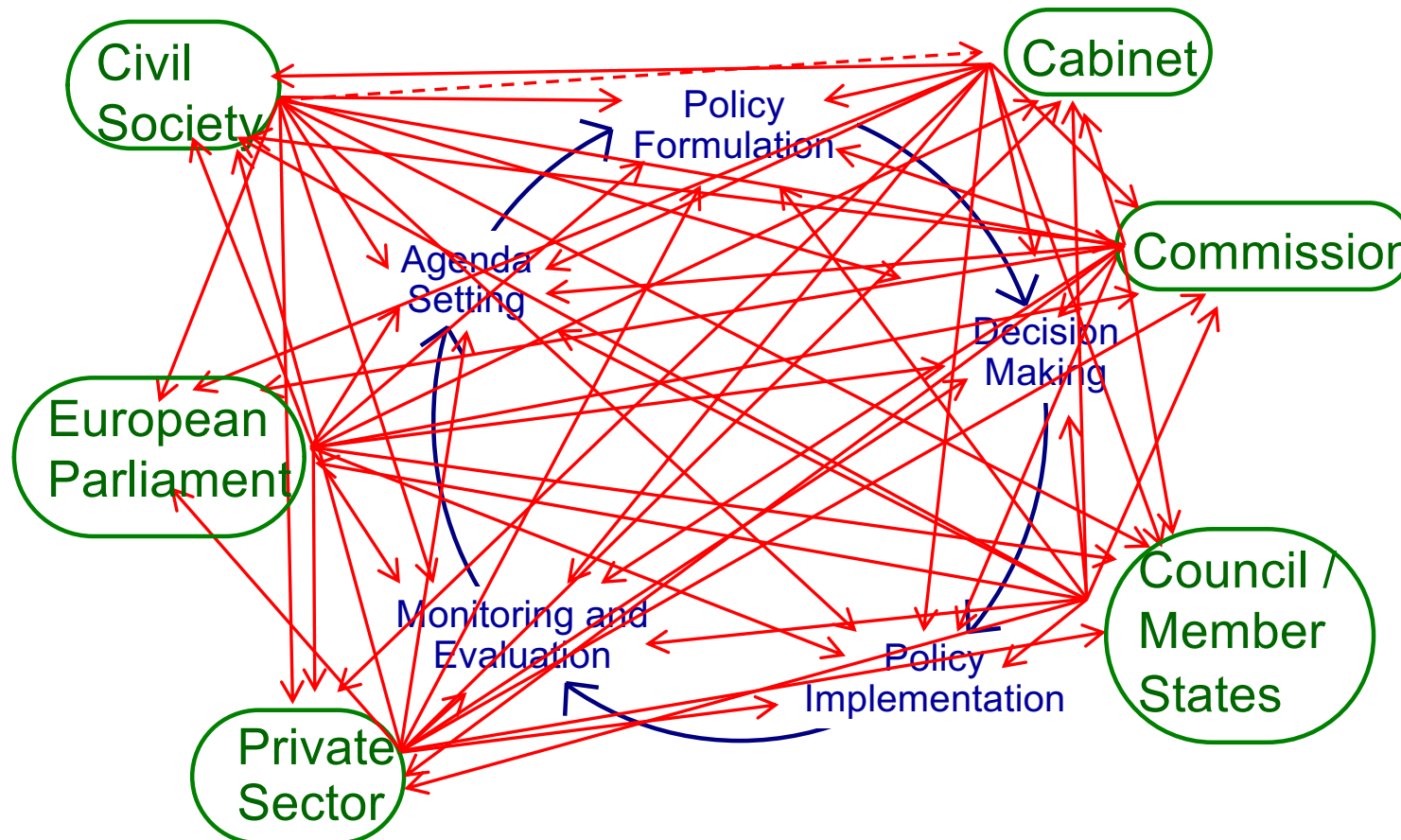
Different roles in a science advisory ecosystem

	Knowledge Generators	Knowledge Synthesis	Knowledge Broker	Unsolicited input	Requested input	Rapid response	Identify Options	Guide Implementation	Evaluation
Sector Research Institutes	++	+++	++	+	++	+/-	+	++	++
Commissioned Uni. Research Advice	++	+++	++		+++	+/-			
Scientific Councils		++	+		+		+	+	+/-
Independent Research Institutes	++(+)	++	++	++	+	++			
Government commissions	+	++	++	+/-					+++
Expert panels & committees		++	++	+/-	+		++		
National academies	+	+++	+	+					
Individual advisers	+(++)	+	+	++	++	+++	+/-	+/-	+/-
Think Tanks		++	+	++	+		++	+/-	+/-
Chief Science Adv		+	+++	++	+++	+++	+		
What Works Units		+++	+	++	+	+/-			

Budtz Pedersen, D. & Hvidtfeldt, R. (2021). Eco-Systems of Science for Policy. *Work in progress*

Model of policy cycle is a model only

We work daily in the reality



Source:
John Young, Overseas
Development Institute



Further research and coordination

- Creating a comprehensive **map** of national and international institutions providing science advice in specific thematic fields
- Inventory of types of advice provided, (science driven, on request, ad-hoc vs. long term commitment) and governance structures.
- Best practices, shared principles and identification of **important challenges** (independence, timeliness, diversity, transparency, consistency over time etc).
- Developing training courses (JRC, Aalborg University, INGSA, etc.)
- Facilitating peer learning (among providers & receivers of science advice)
- How can we document **the impact of science-based advice**? How can such measurements help create “evidence” for evidence-informed policy?



www.ingsa.org



 4th International Conference on Science Advice to Government, INGSA 2021 — Build Back Wiser: Knowledge, Policy and Publics, Aug 30 to Sept 2, 2021 in Montréal 

- » An integral part of the ISC for **science-policy** and **science-diplomacy**
- » Over 5000 members from over 100 countries
- » Secretariat based in Auckland (SciPoDS)
- » Regional chapters: EU, NA, LATAM, Asia, Africa
- » Science international relations and diplomacy division (SPIDER), also hosting FMSTAN
- » Knowledge centre
- » Forum for sharing, coordinating, networking
- » Capacity-building activities
- » Open access learning resources
- » Reports and research

JRC's workshop series "Strengthening and connecting eco-systems of science for policy across Europe".



9 March –	Science for policymaking in Estonia
22 April –	Science for policymaking in Denmark
Late May –	Science for policymaking in Latvia
June (tbc) –	Science for policymaking in Greece
June (tbc) –	Science for policymaking: Funding instruments of the EU

Thank you for the attention

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Contributions from Rolf Hvidtfeldt

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