

The Need for evidence-based advice and policy-making in the EU

The role of the academies in the Scientific Advice Mechanism



Science Advice for Policy by European Academies

SAPEA Geographical Coverage

100 Academies across Europe and beyond



 = country with at least one Academy

European Academy Networks

- **Academia Europaea:** The only **European-wide Academy** with individual membership, **3500 members**, from Council of Europe states and other nations across the world encompassing the full range of scientific disciplines from the natural sciences, life sciences, social sciences, to arts and humanities
- **ALLEA:** The European Federation of Academies of Sciences and Humanities brings together almost **60 Academies in more than 40 countries** from the Council of Europe region, covering all scientific disciplines with a particular focus on social sciences and the humanities
- **EASAC:** European Academies Science Advisory Council, network of the **25 National Science Academies** of the EU Member States and of Norway and Switzerland. Focus on environment, energy and biosciences.
- **Euro-CASE:** Academies of Engineering, Applied Sciences and Technology from **23 European countries**, with a special focus on innovation, energy and bioeconomy policy and with a unique access to additional expertise from the business sector
- **FEAM:** Federation of European Academies of Medicine, brings together **18 National Academies of medicine and medical sections** of National Academies of Sciences



Scientific topics within SAM/SAPEA

- [Light-duty vehicle real-drive CO2 emissions](#)

Request from Commissioner Cañete

HLG opinion published November 2016

- [Cyber Security in the European Digital Single Market](#)

Request from Vice President Ansip and Commissioner Oettinger

HLG opinion published in March 2017

- [New techniques in agricultural biotechnology](#)

Request from Commissioner Andriukaitis

Explanatory Note published April 2017

- [Food from the Oceans](#)

Request from Commissioner Vella

Scoping paper published December 2016

- [Authorisation processes of plant protection products in Europe](#)

Request from Commissioner Andriukaitis

Scoping paper published April 2017

- [Novel carbon capture and utilisation technologies: research and climate aspects](#)

Request from Commissioner Cañete

Scoping paper published June 2017

December 2016: Official Launch of SAPEA



From left to right, Günter Stock (ALLEA), Robert-Jan Smits (Director- General for Research and Innovation), Bernard Charpentier (FEAM), Jos van der Meer (EASAC), Sierd Cloetingh (Academia Europaea), and Jacques Lukasik (Euro-CASE)

Image: ©EU

Robert-Jan Smits (Director-General for Research and Innovation):

“Today’s agreement with the five European Academy Networks will boost the Commission’s Scientific Advice Mechanism. It will allow it to tap into the Academies’ broad knowledge across disciplines and regions in Europe. The Commission is looking forward to this new partnership with the Academies.”

13 December 2016

The EU Scientific Advice Mechanism

Objective: To ensure that the European Commission has access to the best possible scientific advice, independent of institutional or political interests

HLG

High Level Group of Scientific Advisors

7 members with an outstanding level of expertise relevant for EU policy making

2017 Chair: Rolf-Dieter Heuer

SAPEA

Science Advice for Policy by European Academies

5 European Academy Networks with over 100 Academies across Europe

2017 Chair: Günter Stock

SAPEA Communications

- SAPEA offers an excellent profile raising opportunity for all Academies within the European Academy Networks
- The SAPEA communications office will ensure that all SAPEA reports are published on SAPEA's website and the SAM website
- With dedicated public outreach activity such as public events, newsletters and social media, SAPEA aims to:
 - animate public debate
 - contribute to the emergence of a common understanding of European-wide challenges and opportunities
 - help to increase the transparency of EU policymaking
- The communications office will also secure press coverage for SAPEA reports (including in scientific journals), highlighting the involvement of the Networks and their Member Academies
- The SAPEA website and a database of Academy reports will showcase the work of Member Academies.

Opportunities for Involvement in SAPEA

All Academies within the European Academy Networks are part of SAPEA and are encouraged to participate actively

Opportunities for Member Academies to be involved in SAPEA include:

- **suggesting scientific topics**
- **nominating Fellows** for SAPEA Working Groups or other events requiring the advice of an expert (e.g. experts' workshops or stakeholder meetings) Fellows' travel costs will be reimbursed
- **hosting Working Group meetings**
Direct costs can be covered
- **acting as “Lead Academies”** for a selected scientific topic
- **hosting outreach events**
Event support can be provided
- **Raising the visibility of Academy work at a European Level** by sharing news of activities with the SAPEA Communications Office for the project website

Thank you very much for your attention