

European Academies



Science Advisory Council

EASAC – The European Academies Science Advisory Council

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President**

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What is EASAC?

- Collective voice of the National Academies of Science of the EU Member states
- Instrument of independent scientific advice for policy-makers in the European institutions
- National Science Academies:
 - networks of scientific excellence
 - task of authoritative science-based policy advice

EASAC Membership

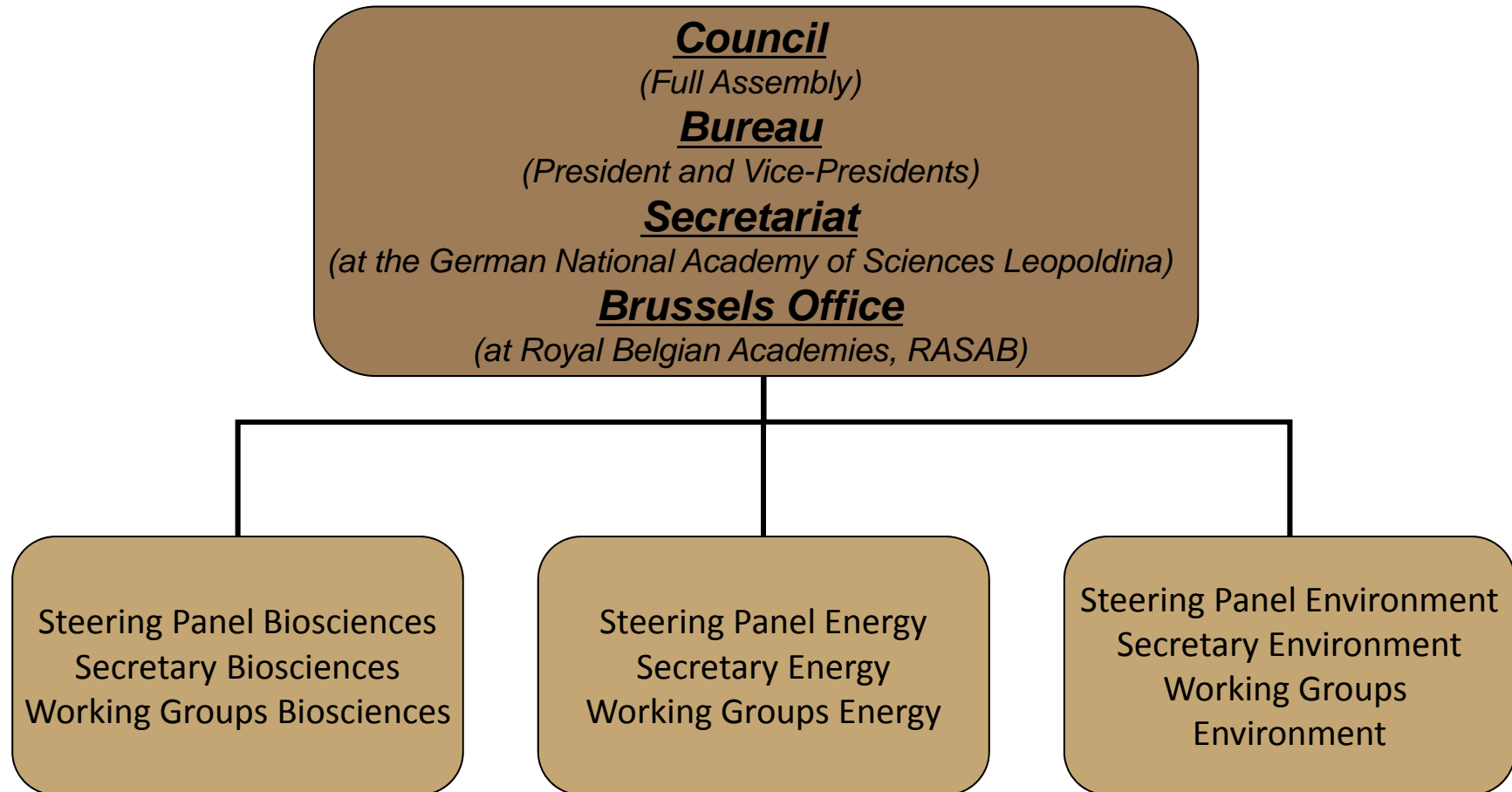
- 24 National Academies of Science of EU Member States
(not Malta, Luxemburg and Cyprus)
- Switzerland and Norway also represented
- The pan-European Academy of Science, *Academia Europaea*
- Representation of association of all European academies, *ALLEA*
- Observer: Federation European Academies of Medicine, *FEAM*

EASAC's Purpose

Enabling the National Science Academies of Europe to fulfil their task of giving relevant, authoritative and timely science-based advice to their governments and societies by being present in Brussels.

→ An estimated 70-80% of new legislation of EU member states stem directly or indirectly from Brussels

Organisational Structure



Some EASAC Reports and Statements

- ***Impact of Engineered Nanomaterials on Health;***
Joint report with JRC, Oct 2011
- ***Infectious Diseases and the Future: Policies for Europe;***
Oct 2011
- ***EU Public Health & Innovation Policy for Infectious Disease;***
April 2011
- ***Synthetic Biology: An Introduction;*** January 2011
- ***Realising European potential in Synthetic Biology;*** Dec 2010
- ***Groundwater situation in the Southern EU;*** June 2010
- ***Climate Change and Infectious Disease in Europe;*** March 2010
- ***Transforming the EU's Electricity Supply;*** May 2009

Current and forthcoming EASAC projects

- *Plant Genetic Resources for Food and Agriculture*
- *Direct-to-Consumer Genetic Testing*
- *Credible Biodiversity Targets*
- *Sustainable Biofuels*
- *Carbon Capture and Storage*
- *The need for new Anti-microbial Drugs*
- *Marine Sustainability*

Recent developments

- EASAC is the affiliated network for Europe of **IAP**, the global network of science academies.
- EASAC is publishing articles and letters in **scientific journals** (e.g. *Science Translational Medicine, Tuberculosis, Nature*).
- EASAC has done **reviews** for the US Department for Energy and the German Ministry for Education and Research.
- EASAC has strengthened its links to the EU Commission's **JRC** through a *Letter of Intent*.
- EASAC has also established a closer connection to **STOA**.
- EASAC is collaborating on several projects with **NASAC**, the network of African Science Academies.