ALLEA - Connecting European Academies since 1994

INTERNATIONAL ACTION OF ACADEMIES: BETWEEN COOPERATION, NETWORKING AND SCIENCE DIPLOMACY (18TH-21ST CENTURIES)

LISBON ACADEMY OF SCIENCES

22 MARCH 2022
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ALLEA AT A GLANCE

“ALLEA operates at the interface of science, policy and society and speaks out on behalf of its members to promote science as a global public good.”
ALLEA AT A GLANCE

**Serving** European Academies and Facilitating Cooperation

**Shaping** the Conditions for Research

**Providing** Scientific Advice to Policy and Society

**Facilitating** Good Research Practice

More than 50 academies from over 40 countries in Europe

Defending Academic Freedom and Trustworthy Science

Strengthening Diversity and Inclusivity

Thinking and Acting Globally

The European Federation of Academies of Sciences and Humanities

Interdisciplinarity | Excellence | Independence

Learned societies and research performing organisations

National and regional
OUR MISSION

- Serving European academies and strengthening the role of science in society.
- Providing a trusted source of knowledge for policymakers and the general public.
- Shaping the framework conditions for science and research in Europe.
HOW ALLEA WORKS

CONNECTING EXCELLENCE

DELIVERING INDEPENDENT SCIENTIFIC ADVICE

ENGAGING WITH SOCIETY AND POLICYMAKERS
ALLEA OUTPUTS

- PUBLICATIONS
- PUBLIC ENGAGEMENT AND OUTREACH
- SCIENCE POLICY COLLABORATION
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A BRIEF HISTORY OF ALLEA

“ALLEA intends to be more than the sum of the national Academies in Europe.”
1990 – 1994 Building ALLEA

2 decisive meetings at the KNAW in 1990 and at the KVA in 1992 to form a federation with the goal of fostering cooperation in research between the East and the West of Europe after the end of the Cold War.

ALLEA was officially founded in Paris at the Académie des Sciences on 22-23 March 1994 during the third General Assembly of European Academies.

2 main tasks: (1) promote and solidify the relationships between the academies; (2) guarantee the presence of academies within European institutions, and also their functioning as a Council therein.
1994 – 1996 Establishing European Scientific Cooperation

ALLEA Working Groups were established under the topics Basic Research in Society, Research Training and Higher Education in Europe, Intellectual Property Rights, Science and Ethics, and The Role of History of Science in University.

1996 – 2000 Formulating a European Consensus for Science

Increasing number of advisory activities and actions became visible on the European level and an ALLEA Advisory Group (future ALLEA Board) was created.

2000 – 2002 Research Policy and Science Advice

ALLEA was involved in the shaping of the sixth EU Framework Programme for Research and Innovation and developed international partnerships and memberships, e.g., it became observing member of the European Science Foundation (ESF) and member of EASAC.
2003 First Permanent Secretariat in Amsterdam
ALLEA office was established, located at the Royal Netherlands Academy of Arts and Sciences (KNAW) in Amsterdam.

2004 – 2006 Coming of Age
ALLEA became a reference for European science policy advice. Activities were expanded with new working groups. Membership was broadened. ALLEA became active in international forums. In 2006, ALLEA was transformed into an officially registered association.

2006 – 2008 Consolidation of the ERA
ALLEA created more working groups and worked with Academies to produce policy advice for the European Research Area and the establishment of the European Research Council in 2007.
2009 – 2011 Interdisciplinarity & Research Integrity
A new working group to formulate recommendations for the inclusion of the Social Sciences and Humanities and to foster interdisciplinarity.

ALLEA released several positions on the future patent system of the European Union.

ALLEA and the European Science Foundation (ESF) released the ‘European Code of Conduct for Research Integrity’ in 2011.

2012 ALLEA Secretariat Move to Berlin
New strategy and roadmap for ALLEA. Relocation of the Secretariat to Berlin.

2013 – 2014 Open Science and Intellectual Europe
New direction towards the digital agenda, intellectual Europe and Open Science.

Activities for a “cultural and intellectual Europe”, first edition of the ALLEA Madame de Staël Prize for Cultural Values.
2015 – 2017 European Science Advice
ALLEA and other European academy networks launched SAPEA (Science Advice for Policy by European Academies).

2018 – 2022 Trust in Science & Academic Freedom
Platform for the study of the relationship between truth, trust and expertise in the field of science, leading to EU project PERITIA – Policy, Expertise and Trust.
ALLEA became outspoken on the topic of academic freedom.
Election of current President Antonio Loprieno (Swiss Academies) in September 2017.
### ALLEA Presidents

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<td><strong>Gerhard Gottschalk</strong></td>
<td>Union of the German Academies of Sciences and Humanities</td>
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<td><strong>Pieter Drenth</strong></td>
<td>Royal Netherlands Academy of Arts and Sciences</td>
<td>2000 – 2006</td>
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<td><strong>Jüri Engelbrecht (VP Nico Mann; BA)</strong></td>
<td>Estonian Academy of Sciences</td>
<td>2006 – 2011</td>
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<td><strong>Stefan Luby (Interim President)</strong></td>
<td>Slovak Academy of Sciences</td>
<td>1/2012 – 4/2012</td>
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<tr>
<td>(Interim VP Marie Therese Flanagan; RIA)</td>
<td>Union of the German Academies of Sciences and Humanities</td>
<td>4/2012-5/2018</td>
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<td><strong>Günter Stock (VPs: Daniela Jezova, SAS ; Ed Noort, KNAW)</strong></td>
<td>Swiss Academies of Arts and Sciences; elected 9/2017</td>
<td>5/2018-</td>
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<td><strong>Antonio Loprieno</strong></td>
<td>Swiss Academies of Arts and Sciences; elected 9/2017</td>
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ALLEA & SCIENCE DIPLOMACY

“The world of Academies abounds with variety and heterogeneity, in a nutshell: Diversity.”
Three Dimensions of Science Diplomacy

Science for Diplomacy
Scientific cooperation improving international relations between countries.

Diplomacy for Science
Diplomacy facilitating international science cooperation.

Science in Diplomacy
Science providing advice to inform and support foreign policy objectives.
Science *for* Diplomacy

Central motivation and objective at ALLEA’s foundation to foster cooperation in research between the East and the West of Europe after the end of the Cold War.

Serving academies and facilitating cooperation (Strategic Priority).

Capacity Building, for example in the context of the European Research Area.

Universal activity that transcends national interests.

Science cooperation agreements; new institutions.
Diplomacy for Science

ALLEA seeks to facilitate international cooperation, whether in pursuit of strategic priorities for research or bottom-up collaboration between individual scientists and researchers.

ALLEA works for open science and global collaboration.

Orchestrating research across international networks in pursuit of shared goals—such as tackling climate change, food and energy security.

Strengthening diversity and inclusivity (Strategic Priority).

Thinking and acting globally (Strategic Priority).
Science in Diplomacy

Ensure the effective uptake of high-quality scientific advice by policymakers.

National academies and learned societies an important source of independent scientific advice to international policymakers.

Growing importance of networks such as ALLEA for Science Advice on the European and multilateral level.

Growing role in ALLEA’s portfolio since 2015.

Building capacity to give and receive scientific advice in countries and regions with a lack of scientific expertise and infrastructure.
Conclusions – European Academies & Science Diplomacy

ALLEA developed into an independent association of national academies that is recognised as the representative of its Member Academies.

The uniqueness of ALLEA derives from the fact that ALLEA has institutional members (i.e., national academies of science) instead of individual members (Academia Europaea, EuroScience, and others).

ALLEA is an independent body financed by membership fees, free from any direct (financial) influences, whether national (governments) or European (e.g. European Commission).

ALLEA is a multi-science and multi-scholarship institution, covering a variety of disciplines from both the sciences and the humanities, unlike many other European disciplinary societies.

ALLEA's role at the European level is comparable to that of national academies in their respective countries.

ALLEA promotes and defends scientific universalism (science as a global public good) on behalf of its members, thereby acting as their ambassador.

ALLEA promotes and facilitates the internationalization of science and research as well as its freedom and independence.

ALLEA strives to advance the role of Science Diplomacy in Europe, promote a global approach to science and research, and provide an international structure for enhanced cooperation on global challenges as well as high-quality independent science advice for policy.
Literature


FLAGSHIP PROJECTS

SAPEA – Science Advice for Policy by European Academies
Horizon 2020 Project launched in 2016
SAPEA is part of the European Commission’s Scientific Advice Mechanism.

Together with the Group of Chief Scientific Advisors, SAPEA provides independent scientific advice to European Commissioners to support their decision-making.
ALLEA’S STRATEGIC PRIORITIES

1. Serving academies and facilitating cooperation
2. Improving framework conditions for science and research
3. Providing independent scientific advice to policymakers and society
4. Facilitating good research practice
5. Defending academic freedom and trustworthy science
6. Strengthening diversity and inclusivity
7. Thinking and acting globally