ALLEA General Assembly 2018
Business Meeting
Bulgarian Academy of Sciences
Sofia | 17 May 2018

Minutes

Present: Albanian Academy of Sciences; National Academy of Sciences of the Republic of Armenia; Austrian Academy of Sciences; National Academy of Sciences of Belarus; Royal Flemish Academy of Belgium for Science and the Arts; Royal Academy of Dutch Language and Literature (Belgium); Academy of Sciences and Arts of Bosnia and Herzegovina; Bulgarian Academy of Sciences; Croatian Academy of Sciences and Arts; Royal Danish Academy of Sciences and Letters; Estonian Academy of Sciences; Council of Finnish Academies; Académie des Sciences – Institut de France; Union of German Academies of Sciences and Humanities; Hungarian Academy of Sciences; Royal Irish Academy; Israel Academy of Sciences and Humanities; National Academy of the Lincei (Italy); Academy of Sciences of Turin (Italy); Latvian Academy of Sciences; Macedonian Academy of Sciences and Arts; Academy of Sciences of Moldova; Montenegrin Academy of Sciences and Arts; Royal Netherlands Academy of Arts and Sciences; Norwegian Academy of Science and Letters; The Royal Norwegian Society of Sciences and Letters; Polish Academy of Sciences; Serbian Academy of Sciences and Arts; Slovak Academy of Sciences; Slovenian Academy of Sciences and Arts; Institute for Catalan Studies (Spain); Royal Academy of Sciences and Arts of Barcelona (Spain); Royal Swedish Academy of Letters, History and Antiquities; Royal Swedish Academy of Sciences; Swiss Academies of Arts and Sciences; Turkish Academy of Sciences; The Science Academy, Turkey; The British Academy; The Royal Society; Royal Society of Edinburgh; Learned Society of Wales

Apologies: Royal Academy of Sciences, Letters and Arts of Belgium; Royal Academy of French Language and Literature (Belgium); Czech Academy of Sciences; Learned Society of the Czech Republic; Académie des Inscriptions et Belles-Lettres (France); Georgian National Academy of Sciences; German National Academy of Sciences – Leopoldina; Academy of Athens (Greece); Venetian Institute of Sciences, Letters and the Arts (Italy); Kosova Academy of Sciences and Arts; Lithuanian Academy of Sciences; Polish Academy of Arts and Sciences, Krakow; Academy of Sciences of Lisbon (Portugal); Romanian Academy; Russian Academy of Sciences (associate member); Royal Spanish Academy of Sciences (associate member); National Academy of Sciences of Ukraine

Preliminary Note: For detailed information on the items please revert to the slides and background documents that were made available and presented prior to and in the course of the General Assembly

14:00 Welcome by ALLEA President and meeting Chair Professor Günter Stock

Item 1: Opening of the meeting, adoption of the agenda and minutes of last General Assembly

The Assembly Chair, ALLEA President Günter Stock, welcomed all present member academy delegates, and extended his gratitude to the President of the Bulgarian Academy of Sciences, Julian Revalski, for his enduring support and hospitality in hosting the 2018 ALLEA General Assembly in the academy's premises. Chair Stock

highlighted the importance of close cooperation between academies and the scientific interchange facilitated at events akin to the present one.

The agenda was adopted with one small change as item 6 and 7 were swapped to account for a more lengthy election procedure in item 7.

Following a request for an amendment of the 2017 ALLEA General Assembly minutes by TÜBA, the Assembly Chair invited present delegates to approve the minutes taking account of the change requested (item 3, para 2 on page 7).

Action:
The General Assembly adopted the agenda and approved the minutes of the 2017 ALLEA General Assembly with one minor change.

Item 2: Report from Presidency including SAPEA and Working Group Chairs: Recent, on-going and upcoming activities

The ALLEA President Günter Stock opened his report by expressing his gratitude to his fellow members of the ALLEA Board, the Working Group Chairs and the academies for their engagement with and for ALLEA in the previous months and years. The Assembly Chair also thanked the academies for having hosted ALLEA's Board Meetings in the past period, and encouraged further members to invite the Board of ALLEA to hold its meetings in order for the host academy to showcase the work carried out by them.
The report commenced with a review of issues, both regarding policy as well as internal management that were set out in the President's programmatic speech in 2012.

The ALLEA President recalled these issues and pointed how, where and when ALLEA has actively worked towards them. A list of these issues is available on the accompanying presentation of the meeting enclosed as Annex A to these minutes.

In the following, the Assembly Chair orally reported on ALLEA activities since the last General Assembly in September 2017 and provided an outlook on upcoming activities in the next year. The report included, but was not limited to, the following activities:

Since the last General Assembly, ALLEA's working groups have produced numerous statements by themselves or in cooperation with other organisations. Several more publications were announced.

ALLEA's Permanent Working Group on Intellectual Property Rights (PWGIPR) has produced three statements between October 2017 and February 2018. The topics ranged from Patentability of Inventions Involving Human "Embryonic" Pluripotent Stem Cells in Europe, The Text and Data Mining Exception and the Enhancement of Access to Scientific Information in Europe, and to The Ownership and Protection of Multinational Inventions – in particular Inventions Resulting from Publicly Funded Research.

Furthermore, the *ALLEA Working Group on Framework Programme 9* produced a statement titled "Living Together: Missions for Shaping the Future" together with HERA (Humanities in the European Research Area).

Lastly, the *ALLEA Permanent Working Group Science & Ethics* (PWG SE) has started to publish the translations of the European Code of Conduct for Research Integrity. Translations are currently available in Bulgarian, Dutch, French, German, Greek, Hungarian, Spanish, and Swedish with more to follow throughout the summer.

The attending delegates were informed about upcoming ALLEA publications on The EU Database and Copyright Directives in the Digital Single Market (PWG IPR), on The Need for IPR Strategies in Academic Institutions (PWGIPR), a statement on Ethical Aspects of Open Access (tentative title; PWG SE), and a series of ALLEA Discussion Papers on Truth, Trust and Expertise, which will be prepared by the working group with the same name. Following two workshops of said Working Group, a third and possibly a forth are scheduled to take place in the coming months additionally aimed at producing discussion papers within this series. It is furthermore envisaged to compile the contents of discussion papers on Truth, Trust and Expertise into a book. Based on the outcomes of the AEAMASE III conference in late 2017, the working group on *Science Education* is also preparing proceedings of the conference to be published in the second half of 2018.

An update on events, which ALLEA either organised or supported, was provided to the delegates. In addition to the above mentioned AEMASE III conference at the Académie des Sciences, ALLEA held several events. Together with SAPEA and the Institute of Advanced Sustainability Studies, a workshop on Risk Perception and the

Acceptability of Human Exposure to Pesticides was organised in Berlin in December 2017. The outcomes of the workshop informed the European Commission's Group of Chief Scientific Advisors' Opinion on EU authorisation processes for Plant Protection Products.

ALLEA's Permanent Working Group on Science & Ethics organised an international workshop called "A Windy Road: Ethical Aspects of Open Access Publishing" at the Academy Palace in Brussels on 1 February. The event was preceded by a workshop on "Open Data in Science: Challenges and Opportunities", which was organised by the European Members of The International Council for Science (ICSU) with the support of ALLEA.
Delegates were furthermore informed about a number of initiatives ALLEA supported and/or disseminated to its Member Academies.

Reporting on ENERI project, the Assembly Chair briefly stated that ALLEA member academies were soon to be approached with an invitation to join the ENERI e-community platform.

In its activities on the book series Intellectual Europe, the topic of the next book was introduced. The working title of the book is "Women in the history of European Academies" and it will be co-edited by Ute Frevert, Ernst Osterkamp, and Günter Stock.
ALLEA member academies will soon be approached with suggestions for co-authors.

Together with the Royal Netherlands Academy of Arts and Sciences (KNAW) and the Federation of European Academies of Medicine (FEAM), ALLEA is organising a symposium on Health Inequalities in Europe. The event will take place on 24 May and a follow-up report is currently under discussion.
Similarly, ALLEA's conference series "Europe on Test: Narratives of Union and Disunion" will take place at two more academies. First, the Göttingen Academy of Sciences and Humanities will look at Self-Images and Foreign Perspectives on 20 October 2018, followed by a conference on Nordic Perspectives, organised by the Council of Finnish Academies in Helsinki.

Based on the horizon-scanning proposal at the 2017 ALLEA General Assembly on Data Governance in the 21st century an international conference will be organised together with the Royal Society in November 2018 on the guiding question: What

does use of data for the advancement of society look like across sectors and countries? A conference report will follow.

Further to this, Chair Stock briefly mentioned ALLEA's support via its member academies to the Albanian Academy in course of its restructuring process. To deliver more insights, the delegate of the Albanian Academy was invited to take the floor. He thanked ALLEA and President Günter Stock for the support, mediation and expertise that were provided to the academy. The document outlining the new statutes has been passed on to the government, and is now awaiting approval.

The Assembly Chair recalled that there has still been no contact with the Russian Academy. In response to this, the delegate of Académie des Sciences Olivier Pieronneau delivered a brief report on previous meetings held between his home academy and the Russian Academy. Chair Stock invited Pieronneau to liaise with ALLEA President-Elect Antonio Loprieno to restore the contact to the Russian Academy. This idea was welcomed and supported by Pieronneau.

Lastly, the ALLEA President provided an overview of ALLEA coverage in a variety of media outlets across Europe, both reporting on statements by ALLEA Working Groups as well as on opinion pieces and commentary.
The Chair then handed over to ALLEA's Scientific Policy Officer for SAPEA, Dr Céline Tschirhart, who provided a status update on the project, and then to the Chairs of the ALLEA Working Groups for their reports. Corresponding reports are enclosed as Annex B to these minutes.

Reports from the Working Groups:

Permanent Working Group on Intellectual Property Rights
The Working Group Chair Joseph Straus introduced several statements released by the group lately. The statement on Patentability of Inventions was well received by Koen Lenaerts, President of the European Court of Justice, who welcomed the focus and further research on this topic by the Working Group.
While providing an update on the activities of the Working Group – both past and forthcoming – Joseph Straus encouraged UK academies to resume their involvement within the group.

Permanent Working Group on Science & Ethics

The activities report of the Working Group was presented by its member Krista Varantola who acted on behalf of its Chair Göran Hermerén.

Working Group Framework Programme 9
With reference to the implementation of FP9 and Horizon Europe, the Chair of the Working Group John Bell stressed the importance of enabling the entire Europe to benefit from opportunities that emerge from the Framework Programme.

Working Group E-Humanities
A status report was provided by the Working Group Chair Natalie Harrower who highlighted its ties to a number of other associated groups involved in the field of E-Humanities.

Working Group Science Education
The chair of the Working Group had to cancel his participation on short notice due to health issues. A written summary report is included in the meeting documents.

Action: *The GA noted the ALLEA activities report and strategic outlook. Furthermore, the GA noted the presentations from the ALLEA Working Groups. Delegates applauded and thanked the representatives for the achievements and efforts on behalf of ALLEA.*

Item 3: Discussion on recent and upcoming events

Building upon respective reports, particularly by ALLEA Working Groups, a discussion emerged on different topics including contributions by present delegates. It was reported that the Turkish translation of the Code of Conduct on Research Integrity was being drafted by members of Bilim Akademisi - The Science Academy, Turkey.

Action:
The General Assembly took note of the activities presented and discussed a smaller selection thereof.

Item 4: Presentation of outcomes of the inquiry "Proportion of women in academies"

ALLEA Vice President Daniela Ježová presented a status report on the proportion of women in academies. This inquiry was conducted in a way that academies were asked to deliver figures on the ratio of new female members since 2016. While all academies were represented by female members, the Estonian Academy of Sciences, the Royal Swedish Academy of Letters, History and Antiquities, the Heidelberg Academy of Sciences reported the highest ratio of female membership among newly elected fellows. In order to deliver specific insights Ježová also outlined the academic background of first elected female academy members focussing briefly on the first ever woman to have been admitted to an academy.

In addition to female representation at academies, this inquiry posed a question on possible ways of raising the proportion of women. In response to this, academies shared different approaches. Overall, it was agreed that more efficient methods should be sought in order to increase female representation in academia.

Action:
The General Assembly noted the presentation and agreed to revisit the topic periodically.

Item 5: ALLEA finances: 2017 financial report for approval

ALLEA Vice President Ed Noort reported on ALLEA's financial operations within the last year. He recalled that the business plan for 2018 had already been unanimously approved by ALLEA delegates during the business meeting of the 2017 General Assembly in September in Budapest.

Based on the 2017 business plan adopted in spring 2017, ALLEA managed to stay within the limits of the outlined expenditures as was shown in the 2017 ALLEA financial report.
The delegates subsequently unanimously approved the ALLEA 2017 financial report and discharged the Board of its financial responsibilities. The Member Academies were thanked for their approval of the 2017 financial report.

Action: *The GA unanimously approved the ALLEA 2017 financial report and discharged the Board of its financial responsibilities.*

16:25 – 16:45 Coffee break

Item 6: Horizon-scanning session

Assembly Chair Günter Stock introduced the horizon-scanning session, explaining the goal to identify potential future areas that ALLEA could provide support for, or that could be taken up by the SAPEA project as a "bottom-up" topic. Many proposals were received; however, due to time constraints, only a limited number was selected. The full list of proposals was circulated to the delegates and is also available in the restricted section of the ALLEA website.

Multilingualism in the Arts and Humanities (*Oliver Jens Schmitt, Austrian Academy of Sciences*)

Linguistic diversity in academic culture has been under threat over the last two decades at both the European and national levels. English has been promoted as a common language and is often forced upon scholars, for instance when applying to major funding bodies. However, an academic education focusing one-sidedly on English, frequently leads to a situation in which, to state only one example, younger researchers can no longer access older but still valid evidence, to build their research on. The Austrian Academy of Sciences drafted a policy paper to kick-start a potential initiative. There is hope that ALLEA can support the formation of a working group to address this issue.

Willy Vandeweghe (Royal Academy of Dutch Language and Literature) expressed his support of this approach, as it is a current issue in the educational sector in Belgium as well. Günter Stock posed a question on what the possible outcome of this proposal could be, especially in times of internet and social media. The response by Oliver Jens Schmitt outlined that there is a need for a top-down approach, to fight the assumption that knowledge and scientific work publications issued in one language is more appealing to a broader audience as opposed.

Outbound Migration to EU from Bosnia-Herzegovina and other Western Balkans Countries (*Muris Čičić, Academy of Sciences and Arts of Bosnia-Herzegovina*)

There is an elusive trend of migration from less developed to economically and socially more advanced European states. This regional migration from the Balkans threatens to deprive those countries of young, working-age population, can lead to overall depopulation, loss of labour force and to the drain of educated groups of people. Larger Western Balkan countries experience more significant emigration, particularly with respect to educated population: doctors, nurses, qualified IT personnel, construction workers are among first to leave their countries. Muris Čičić proposed to take Bosnia and Herzegovina as a case-study for this general topic. Collaboration within a consortium would be sought with other countries.

Ali Alpar (The Science Academy, Turkey) raised a question on what made this topic different as opposed to general migration trends from countries of the Middle East or North Africa, pointing out that the approach might be too narrow geographically. In

his answer, Muris Čičić stated the topic was particularly relevant and an internal matter to the EU. Oliver Jens Schmitt (Austrian Academy of Sciences) wondered how this topic could fit within the context of the Berlin Process. Günter Stock proposed that Muris Čičić and Oliver Jens Schmitt liaise on the topic, bearing in mind the Berlin Process.

Nanotoxicology for the regulatory frameworks (*Margarita Apostolova, Bulgarian Academy of Sciences*)

Innovations in the nanotechnology industry are promising significant scientific, societal and economic benefits, but safety concerns (e.g. effects on air quality, human health effects) are a barrier to its global acceptance. Most current regulatory safety tests for cell- and geno-toxicity are not appropriate for nanomaterials and there is only limited legislation at European level on nanomaterials. Several institutes at the Bulgarian Academy of Sciences performed deeper research on this topic. Definition of the regulatory framework for nanomaterials assessment is urgently needed to sustain continued economic growth. However, to facilitate this change in nano-safety assessment and regulation, there is a need to develop both new knowledge and a skilled inter-disciplinary workforce able to conduct such studies, interpret and evaluate the data.

Tarmo Soomere (Estonian Academy of Sciences) agreed that today's knowledge in this area is not sufficient. Orhan Yenigün (The Science Academy, Turkey) remarked that nanomaterials are now to be found in the environment. He added that he was in favour of the proposal. Margarita Apostolova explained that Europe was behind with its research on the topic and further in-depth research was needed. Günter Stock asked what initiatives were in place currently, to which Margarita Apostolova answered that the OECD had developed standard operating procedures (SPOs), but the environmental perspective was missing. The European Commission's Joint Research Centre also has SPOs in place, and although the existing data is used for modelling, no evidence is available for advising legislators. Hubert Bocken (The Royal Flemish Academy of Belgium for Science and the Arts) commented that this topic raised a number of legal questions adding that he was in favour of the topic. Günter Stock concluded that the topic could be considered within the SAPEA project.

Exploring the concept of the research-intensive universities in Central Europe and beyond (*Paweł Rowiński, Polish Academy of Sciences*)

The quest for world-class status of universities has been a driver of activity in connection with higher education at EU level in recent years. Research universities are the main generators of knowledge, they are gaining prominence for cutting-edge research and as such are in high demand for knowledge-based economies, and European Universities need to be more competitive. In Poland, there is an ongoing debate on how to create a research university, a driving force for social and economic

development of the country. One of the most advanced projects is the proposition to create a new post-graduate or graduate university in Poland that will not compete against existing domestic universities but serve them by fulfilling the role of a centre of scientific and academic excellence. Academies are incorporated into societies to a lesser extent than universities, and such a university could be formed by harnessing the potential of the institutes affiliated with the Polish Academy of Sciences (PAS). This could be a pilot for the development of academia in other EU, particularly Central European, countries.

Gergely Böhm (Hungarian Academy of Sciences) kicked off the discussion on how it could be possible to ensure that the number of highly qualified students can grow in face of international competition. Paweł Rowiński explained that scholarships and international programmes could serve as incentives to train young individuals. Günter Stock posed a question on what the potential main outcomes would be, to which Paweł Rowiński replied that in the longer term setting up research universities could be seen as a solution, and that internationality should be key. Joseph Straus (Chair of the ALLEA Permanent Working Group on Intellectual Property Rights) asked whether such institutions could award PhD, as this is usually performed by universities. For example Max Planck Institute (Germany) cannot, but works with PhD students. Paweł Rowiński answered that it would be possible. Miloš Trifković (Academy of Sciences and Arts of Bosnia and Herzegovina) wondered what would be cooperation models at international level. Paweł Rowiński answered that it should be similar to the Okinawa institute (Japan), or other institutions in Asia. Günter Stock mentioned that Germany had extracted research institutes from academies. He proposed to establish a European university in central places, to attract best and highly qualified young people, and suggested that the proposal should get conceptual and financial support from an international panel.

Digitalisation and the need to foster education and training (*Roger Pfister, Swiss Academies of Arts and Sciences*)

Digitalisation, i.e. the conversion of information into digital and machine-readable format, allows more efficient and intermingled data processing, storage and transmission. These developments also have consequences for the scientific enterprise. In taking up the opportunities and challenges, the academies in Switzerland provide assistance and guidance for both the scientific community as well as for decision-making processes in the policy arena. Complementing a broad range of activities of four disciplinary academies in Switzerland, the Swiss Academies of Arts and Sciences as their umbrella organisation looks at the important repercussions of digitalisation on education and training. This presentation aimed at exploring possible partnerships within Europe on shared interests.

Günter Stock asked Natalie Harrower (Chair of the ALLEA Working Group on E-Humanities), if this would be interesting for the E-Humanities Working Group. Natalie

Harrower replied that she has already been collaborating with the Swiss Academies but proposed to explore ways of mutual cooperation on this topic. Ljubomir Maksimović (Serbian Academy of Sciences and Arts) explained how archives are being transformed to digital data in Serbia, a process which will shortly be finalised. Günter Stock proposed to Natalie Harrower to liaise with the ALLEA secretariat to see if cooperation is feasible with Ljubomir Maksimović.

Action:
The General Assembly noted the presentations and discussed the topics proposed. Interested academies were requested to contact ALLEA and/or suggested member academies to discuss follow-up actions.

Item 7: Election of ALLEA Board 2018-2020

The Assembly Chair recalled the voting procedure to the delegates and highlighted that only 4 out of the current 10 Board Members could stand for re-election. The remaining Board Members have reached their term limit. ALLEA received a total of 17 nominations, 13 new nominations and 4 re-nominations of academies, from its membership. One nomination was withdrawn before the General Assembly. This resulted in 16 nominations for a total of 10 available seats for the Board of ALLEA. This number excluded the already selected President for the term 2018-2021. The complete list of nominations is enclosed as Annex C to these minutes.

To ensure continuity of expertise, geography representation, and based on the principles ALLEA stands for, the Assembly Chair together with the acting Board presented a recommendation on candidates.
Following the conclusion of elections by secret written ballot, Chair Stock introduced the voting results to the present delegates who have elected the following candidates to serve on the ALLEA Board:

1. Susanne Albers, Leopoldina/Union of German Academies
2. Hubert Bocken, Royal Flemish Academy of Belgium for Science and the Arts (re-elected)
3. Graham Caie, The Royal Society of Edinburgh (re-elected)
4. Luke Drury, Royal Irish Academy
5. Gheorghe Duca, Academy of Sciences of Moldova
6. Maarten Prak, Royal Netherlands Academy of Arts and Sciences
7. Pere Puigdoménech, Royal Academy of Science and Arts of Barcelona/Institute for Catalan Studies

8. Paweł Rowiński, Polish Academy of Sciences
9. Oliver Jens Schmitt, Austrian Academy of Sciences
10. Krista Varantola, Council of Finnish Academies (re-elected)

Action: *Delegates elected the new Board of ALLEA for the term 2018-2020.*

Item 8: Any other business

The Assembly Chair took the floor to deliver a farewell speech including a review of his presidency 2012-2018. He expressed his deep gratitude and appreciation to Member Academies, the respective Working Groups as well as the Board for many years of continued trust, effective and long-term collaboration and inspiring discussions throughout the period. With this, Chair Stock officially passed on the ALLEA Presidency to his successor Antonio Loprieno, and invited him to take the floor.

In this acceptance speech, President Loprieno offered a number of strategic insights for the future of ALLEA by underlining the importance of academies as interdisciplinary and independent centres of scientific excellence serving the public above politics and national entities. Loprieno added that he looked forward to working closely with academies across Europe to give science the prominence it deserved.

Action: *Delegates were asked to save the date for the next General Assembly scheduled to take place on 8-10 May 2019 in Berne/Switzerland.*

18:45 Closing of the meeting

The Chair thanked all delegates for the active participation, fruitful discussions, and continuous engagement with ALLEA and closed the meeting.

Statement by the Assembly Chair:

I herewith confirm the accuracy of the minutes of the ALLEA General Assembly held at the Bulgarian Academy of Sciences in the city of Sofia, Bulgaria, on 17 May 2018.

Professor Günter Stock

President of ALLEA

ANNEX A

ALLEA Presidency Report

ALLEA
ALL European Academies

Item 2

Report from Presidency, SAPEA, and Working Group chairs: Recent, on-going and upcoming activities

A Quick Look Back…

ALLEA
ALL European Academies

Foci of ALLEA Presidency 2012–2018

Policy Topics	Management Topics
• Open Access, digital research infrastructures • Academic Freedom • SSH / FP9 / ERA • Intellectual Europe • Research Integrity • Early Career Reseachers • „Loss" of trust in science	• Membership dues • Relocation and building of a Secretariat/administration in Berlin • Admission of new members • Intensified information and interaction amongst academies • Enhanced communications activities • Adjustment and adaptation of ALLEA bylaws (2014/2018)

Starting Point: 18th ALLEA General Assembly

Budapest| September 2017

ALLEA
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Media Monitoring
Budapest| September 2017

ALLEA
ALL European Academies

European Court of Justice President to be honored in Budapest

BBJ — Monday, September 4, 2017, 12:12

ALLEA, the Berlin-based European Federation of Academies of Sciences and Humanities, will be holding an awards ceremony at the Ceremonial Hall of the Hungarian Academy of Sciences (MTA) in Budapest this afternoon to honor Koen Lenaerts, the 2017 winner of the ALLEA Madame de Staël Prize for Cultural Values.

Turkish academy accepted into European fold

by Craig Nicholson — cnnews@ResearchResearch.com

Allea, the European Federation of Academies of Sciences and Humanities, has granted full membership to Turkey's Bilim Akademisi.

The academy, which was set up in 2011, had been an associate member of Allea since 2014. It gained full membership, which confers proposing powers and voting rights, on 4 September.

Bilim Akademisi was established in response to interference by the Turkish government in the membership of the Turkish Academy of Sciences (Tüba). Fifty-two of Tüba's 82 elected members resigned in protest, and 17 went on to found Bilim Akademisi as an independent society.

Günter Stock, Allea's president, said he was pleased with Bilim Akademisi's membership, and that "a vast majority" of the federation's members voted to admit the academy in line with the recommendation of Allea's board. Bilim Akademisi met Allea's requirements for scientific excellence and academic independence, he said.

"We would not accept an academy whose members or president are not elected or selected by the academy themselves. Bilim Akademisi has been autonomous from the beginning," he said.

In August, the academy published a report on academic freedom in Turkey, in which it expressed "deep concerns" about the Erdogan government's crackdowns on researchers following the failed coup attempt of July 2016.

More than 8,500 academics in Turkey have lost their jobs since then, and hundreds have been imprisoned, according to Turkey Purge, an online tracker compiled by journalists. In its report, Bilim Akademisi warned that people's right to a fair trial was being disregarded, and that these undemocratic conditions "innately impede any progress in science".

Stock said that Allea had written to governments on its members' behalf on other occasions, and that it offered similar support to Bilim Akademisi. However, the Turkish academy declined such intervention for the time being.

Roger Pfister, head of international cooperation at the Swiss Academies of Arts and Sciences, said that the membership sent a strong signal that scientists around Europe were standing by their colleagues in Turkey.

"Turkish science has the potential to contribute to the wellbeing of people in the country and beyond through links with scientists in Europe and elsewhere," Pfister said. "Bilim Akademisi's full membership of Allea is a clear recognition of that potential."

- Mme de Staël Prize winner Koen Lenaerts and Working Group *Truth, Trust and Expertise* grab headlines in ALLEA GA 2017 reporting

ALLEA Board Meetings

ALLEA
ALL European Academies

- November 2017: British Academy, UK
- February 2018: National Academy of the Lincei, Italy
- May 2018: Bulgarian Academy of Sciences, Bulgaria

Working Group Meetings

- Permanent Working Group Intellectual Property Rights
  - October 2017, Munich
  - April 2018, Munich
- Permanent Working Group Science & Ethics
  - February 2018, Brussels
- Working Group Truth, Trust & Expertise
  - October 2017, London
  - February 2018, London
  - May 2018, Sofia
- Working Group Framework Programme 9
  - February 2018, Brussels
- Working Group E-Humanities
  - December 2017, Dublin
- Working Group Science Education
  - October 2017, Paris

Publications Report

- **PWG Intellectual Property Rights**
  - ***Patentability of Inventions Involving Human „Embryonic" Pluripotent Stem Cells in Europe*** (October 2017)
  - ***The Text and Data Mining Exception and the Enhancement of Access to Scientific Information in Europe*** (November 2017)
  - ***The Ownership and Protection of Multinational Inventions – in particular Inventions Resulting from Publicly Funded Research*** (February 2018)

Publications Report

- **WG Framework Programme 9**
  - ***Living Together: Missions for Shaping the Future*** (December 2017; joint statement at the initiative of ALLEA together with HERA – Humanities in the European Research Area, and other European stakeholder organisations)

- **PWG Science & Ethics**
  - ***European Code of Conduct for Research Integrity –*** **Translations**
    Throughout 2018, the translations of the CoC will be made available on the ALLEA website and disseminated in the respective countries. Published translations so far: Bulgarian, Dutch, French, German, Greek, Hungarian, Spanish, Swedish

Upcoming Publications (selection)

- **Statement:** on ***The EU Database and Copyright Directives in the Digital Single Market*** , summer 2018 - PWG Intellectual Property Rights

- **Statement:** ALLEA Statement on ***The Need for IPR Strategies in Academic Institutions*** , autumn 2018 - PWG Intellectual Property Rights

- **Statement:** on ***Ethical Aspects of Open Access*** (tentative title), winter 2018 - PWG Science & Ethics

Upcoming Publications (selection)

- **ALLEA Discussion Papers:** May-December 2018 – WG Truth, Trust and Expertise

- **Conference Proceedings:** on ***AEMASE III conference***, winter 2018 (tbc)- WG Science Education

Organisation and Participation in Events

ALLEA
ALL European Academies

- AEMASE III conference held at Académie des Sciences on 3-4 October. Organised by members of the ALLEA Working Group Science Education

-> Main outcome of the conference was conceptualisation of **CESAME** (Centres for Education in Science for Africa, the Mediterranean, and Europe)
-> Several academies in Europe and Africa have indicated interest in a collaboration

- SAPEA workshop on *Risk Perception and the Acceptability of Human Exposure to Pesticides*, organised by ALLEA together with Institute of Advanced Sustainability Studies Potsdam, Berlin, December 2017

- PWGSE organised workshop *A Windy Road: Ethical Aspects of Open Access Publishing*, on 1 February at the Royal Flemish Academy of Belgium for Science and the Arts in Brussels

Organisation and Participation in Events

ALLEA
ALL European Academies

- ALLEA supported workshop by the European members of ICSU on *Open Data In Science: Challenges and Opportunities for Europe* in Brussels on 31st January 2018

  -> A statement on *Open Data in Science: Challenges and Opportunities was published* in May 2018 and is available on the euro-icsu website

- ALLEA President took part in the Royal Society/Wellcome Trust initiative *Brexit and Research Collaboration in Europe* on 29/30 January 2018

  -> A statement entitled *„Future Partnership Projects*", co-signed by ALLEA, based on the outcomes of the initiative was launched on 4 May 2018

- ALLEA became Knowledge Partner of newly launched think tank *Re-Imagine Europa*. ALLEA President presented during the launch alongside President Giscard D'Estaing, Brussels, April 2018

Collaboration with Member Academies and other partners

ALLEA
ALL European Academies

- ALLEA participated in Framework Programme 9 workshop at the British Academy, organised jointly with the Economic and Social Research Council (ESRC) and the Humanities Research Council (AHRC) in October 2017

- Macedonian Academy of Sciences and Arts celebrated its 50th anniversary in October 2017 – Vice President Daniela Jezova took part in the ceremony on behalf of ALLEA

- ALLEA endorsed the principles outlined in the European Open Science Cloud declaration in November 2017

Collaboration with Member Academies and other partners

ALLEA
ALL European Academies

- The Georgian National Academy of Sciences requested support in finding partners in Horizon2020 call on *Human factors and social, societal and organization aspect for disaster-resilient societies*, December 2017.

  -> ALLEA provided resources of existing projects of similar nature in the academies;

  -> ALLEA sent letter to Member Academies to encourage cooperation.

- Throughout the first quarter of 2018, ALLEA assisted the Albanian Academy of Sciences in their ongoing structural reform. Member Academies provided valuable documents in support of the academy.

- President-elect Antonio Loprieno attended *National Academies Event* at the Royal Society of Edinburgh on 24 January 2018

Collaboration with Member Academies and other partners

ALLEA
ALL European Academies

- ALLEA signed letters of support/commitment for two further Horizon 2020 calls in March and April 2018

  1. **Gender Equality Academy and dissemination of gender knowledge across Europe**, coordinated by VILABS OE

  2. **QUALITIES**, which seeks to set up Standard Operating Procedures for the detection and prevention of scientific misconduct, coordinated by the University of Bergen

- Announcement: As part of the ENERI (European Network of Research Ethics and Research Integrity) project, we will approach the academies after the GA with an invitation to join the ENERI E-community
  -> An open database of Research Ethics and Integrity experts, as well as a platform to exchange best practices on RE&RI

Activities on „Intellectual Europe“

ALLEA
ALL European Academies

Mme de Staël Prize for Cultural Values 2017

- In 2017, the Mme de Staël Prize for Cultural Values was awarded to Professor Koen Lenaerts , Sitting President of the Court of Justice of the European Union and Professor of European Law at KU Leuven

- Prize winner used prize money to set up the *Fund Lenaerts-Grimonprez for a stronger EU dimension at school* at his home institution, the KU Leuven

Activities on „Intellectual Europe“

Mme de Staël Prize for Cultural Values 2018

- Jury Members convened several times to discuss nominations and proposals for laureates
- Co-funding by Compagnia di San Paolo was renewed for another year
- ALLEA 2018 Prize awarded to Professor Andrea Pető, Professor of Gender Studies at Central European University in Budapest

Activities on „Intellectual Europe“

ALLEA
ALL European Academies

ALLEA Book Series

- Next volume on „Women in the history of European Academies “ (working title), will be co-edited by Ute Frevert, Ernst Osterkamp and Günter Stock
- Academies have provided input and will be approached shortly to select authors for the chapters of the book
- Particular attention will be paid to geographical balance

Upcoming activities (selection)

ALLEA
ALL European Academies

Symposium "Health Inequalities in Europe
An interdisciplinary discussion of socioeconomic status, health and causality" – 24 May 2018

KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN

- Jointly organised with Royal Netherlands Academy of Arts and Sciences and FEAM, the Federation of Medical Academies in Europe

- This symposium will bring together key opinion leaders from various scientific backgrounds and kick-start the much-needed interdisciplinary discussion about these issues.

FEAM
Federation of European Academies of Medicine

Upcoming activities (selection)

ALLEA
ALL European Academies

Workshops on *Truth, Trust and Expertise* in May and August

- The May workshop *spectra of sciences and knowledge production* at the Bulgarian Academy of Sciences investigated different disciplinary perspectives of knowledge production and its relation with trust

- In late August the KNAW will host a further workshop on the *Changing Landscape of Communications*

Upcoming activities (selection)

ALLEA
ALL European Academies

Conference series on "Europe on Test: Narratives of Union and Disunion"

- Conference series on perspectives on Europe continues in several ALLEA Member Academies

  -> *Self-Images and Foreign Perspectives* : Göttingen Academy of Sciences and Humanities, 20 October 2018

  -> *Nordic Perspectives:* Council of Finnish Academies, 14-15 November 2018

TIEDEAKATEMIAIN NEUVOTTELUKUNTA
DELEGATIONEN FÖR VETENSKAPSAKADEMIERNA I FINLAND
COUNCIL OF FINNISH ACADEMIES

Upcoming activities (selection)

ALLEA
ALL European Academies

Data Governance in the 21st Century

THE ROYAL SOCIETY

- Based on horizon-scanning proposal presented by Royal Society at ALLEA GA2017
- Guiding Question: What does using data for the advancement of society look like across sectors and countries?
- International workshop to take place in November 2018 at Chicheley Hall
- A conference report will be prepared following the event

Upcoming activities (selection)

ALLEA takes patronage for YASE – Young African Scientists in Europe Conference – Toulouse, 6 July 2018

- Jointly organised by Afriscitech, the Research Intitute for Development (IRD), and the Université Fédérale de Toulouse Midi-Pyrénées.

- The event will bring together scientists, policy makers, industry and journalists on topics related to the contribution of young African scientists to the development of science and technology on the African continent

ALLEA in the media (selection)

ALLEA
ALL European Academies

- ALLEA submitted 2 entries for the *Nature* correspondence section

  -> ALLEA President highlighted the need to protect UK-EU research collaborations during and after Brexit negotiations, published 22 December 2017

  -> On behalf of the PWGSE, Maura Hiney (Royal Irish Academy) commented on the need to make codes for research integrity practical, published on 25 April 2018

- ALLEA President published 2 articles in *Research Europe*

  -> 11 January 2018: on the dangers of brinkmanship over Brexit and its implication for European science

  -> 10 May 2018: on re-thinking the European Research Area, including stronger institutions and capacity building across the Union

ALLEA in the media (selection)

ALLEA
ALL European Academies

- ALLEA statement on *Patentability of Inventions Involving Human "Embryonic" Pluripotent Stem Cells in Europe"* covered in *Times Higher Education* and several other publications in Europe and Asia

- The Statement and outreach activities on the ALLEA statement on The *Text and Data Mining Exception and the Enhancement of Scientific Information* was covered in European newspapers and garnered over 20.000 views in Social Media

- *Living together: Missions for Shaping the Future*, the joint ALLEA statement on FP9 was prominently featured in Research Europe and was mentioned in at least 10 more publications around Europe

ANNEX B

Reports by ALLEA Working Group Chairs

ALLEA Permanent Working Group Intellectual Property Rights

I. Composition of the Group:

Joseph Straus (Chair), Delegate of the Union of the German Academies of Sciences and Humanities; William Cornish, British Academy; Georg Brasseur, Austrian Academy of Sciences; Carlo D'Adda (Board Member), Accademia Nazionale dei Lincei; Vincenzo DiCataldo (new Member), Accademia Nazionale dei Lincei; Bernt Hugenholtz, Royal Netherlands Academy of Sciences and Humanities; Yuriy Kapitsa, National Academy of Sciences of Ukraine; Paul O'Brien, Royal Society; Are Stenvik, Norwegian Academy of Arts and Sciences; Alain Strowel, Saint-Louis University, Université catholique de Louvain; Ünal Tekinalp, Science Academy, Bilim Akademisi – Turkey; Tomasz Twardowski, Polish Academy of Sciences; Sylvester Vizi, Hungarian Academy of Sciences.

II. Meetings

The Group met twice, on October 20, 2017 and on April 16, 2018.

In the October 2017 meeting three statements have been discussed and adopted and subsequently approved also by the ALLEA Board and the Member Academies. These statements addressed the following topics: "Patentability of Inventions Involving Human 'Embryonic' Pluripotent Stem Cells in Europe," "The Text and Data Mining Exception and the Enhancement of Access to Scientific Information in Europe", and "The Ownership and Protection of Multinational Inventions – In Particular Inventions Resulting from Publicly Funded Research". The statements received overall positive feedback, e.g. from the President of the Court of Justice of the European Union, the Vice-President of the European Patent Office, the President of the EU Council, as well as the President of the EU Commission and one Commissioner.

In the April 2018 meeting, first, Georg Brasseur presented in detail a draft for a PWG-ALLEA Statement addressing "The need for IPR strategy in academic institutions". The Group welcomed and, in principle, accepted the draft, but agreed upon that members, after a further careful study of the draft, submit comments/suggestions for amendments, etc. Thereafter the revised or amended draft should be discussed via correspondence and, if possible, the final wording of the statement approved for submission to the Board.

The Group further discussed in some detail developments which at the EU legislative level have taken place since its last meeting as regards the EU Database Directive and the EU Directive on Copyright in the Digital Single Market. It was observed that some comments made by ALLEA in its last statement on "Text and Data Mining Exception and the Enhancement of Access to Scientific Information in Europe", in which ALLEA emphasized that a broader exception or limitation to the rights in the EU Digital Single Market Directive, seemingly were taken into account and are now reflected in the last proposal submitted by the Presidency. However, the ongoing work at the EU level has experienced considerable delays.

Further topics discussed in the meeting where: The EU Commission's Declaration on "European Open Science Cloud" (EOSC), where the group felt that aspects of IP were not adequately or not at all addressed. The Group also at some length discussed IP related issues of 3D printing, blockchain technology and artificial intelligence.

III. Ongoing Work

The Group agreed as follows:

• As regards the draft for a statement on "The Need for IPR Strategies in Academic Institutions", a final draft should be in place by end of July/August 2018;

• Two competent members of the Group will closely monitor the EU legislative activities as regards the EU Database and the Copyright in the Digital Single Market Directives. They will keep the Group posted, and depending on the developments, suggest specific actions by July/August 2018;

• Members were invited to submit comments on the Declaration on "European Open Science Cloud" (EOSC) and, in particular, specifically indicate those legal aspects, which the EOSC project should take into account already at an early stage. Time frame: 6-8 weeks.

• ALLEA Secretariat (represented by Ms. Susana Irles) was asked to establish a link to one or more experts involved in SAPEA's on-going deliberations and work on AI, who should be invited to make a presentation and inform the Group of the specifics of AI from the scientific/technical point of view. Preferably such a presentation should take place in the next Group's meeting, tentatively scheduled for October 22, 2018.

ALLEA Permanent Working Group Science & Ethics

Composition

Göran Hermerén (Chair) – Royal Swedish Academy of Letters, History and Antiquities, Anna Benaki – Academy of Athens (Greece), Anne Fagot-Largeault – Académie des Sciences (France), László Fésüs – Hungarian Academy of Sciences, Maura Hiney – Royal Irish Academy, Bertil Emrah Oder – The Science Academy (Turkey), Deborah Oughton – Norwegian Academy of Science and Letters, Roger Pfister – The Swiss Academies of Arts and Sciences, Pere Puigdomenech – Royal Academy of Sciences and Arts of Barcelona (Spain), Zbigniew Szawarski – Polish Academy of Sciences, Els Van Damme – Royal Academy of Sciences, Letters and Arts of Belgium, Martin van Hees – Royal Netherlands Academy of Arts and Sciences, Krista Varantola – Council of Finnish Academies, Raivo Uibo – Estonian Academy of Sciences

Content

Translations of the ALLEA revised Code of Conduct for Research Integrity continue to be published, translated by professional translators and checked by PWG SE members for nuances of terminology. So far, the following translations have appeared: Bulgarian, Dutch, French, German, Greek, Hungarian, Spanish, Swedish. In addition the Code will also be translated into Japanese and Turkish, and a recent translation into Albanian will soon be published.

The workshop in Brussels on Open Access (OA) organised by the PWGSE, which took place on Feb 1, with speakers from many countries, was well attended (70-80 participants), and featured lively discussions, It also received some media coverage. The workshop was hosted by the Royal Flemish Academy of Belgium for Science and the Arts. Lead organiser: László Fésüs, Hungarian Academy of Sciences.

This workshop was preceded by a ICSU workshop on Open Data, in which some PWG SE members took part. Open Access and Open Data are related under the umbrella of Open Science, a key issue in the research policy of the Commission, but they raise partly different issues.

The day after the workshop on Open access in Brussels, the chair (Göran Hermerén) and a member of the PWGSE (László Fésüs) were invited to speak and discuss ethical issues raised by Open Access at a training session for European Commission civil servants (DG Research).

Chair of PWGSE, Göran Hermerén, representing ALLEA, and member of the working group on "Loss of trust(worthiness)?", was invited to speak along with other members of the working group at a workshop meeting at the British Academy, London on 19 February.

Members of the PWG SE have participated in the EU project ENERI (European Network of Research Ethics and Research Integrity) and contributed to a periodic report sent by the project to the Commission. Among other things, the project will try to establish an online training platform to harmonise Europan research integrity procedures.

The ALLEA PWG SE has been asked to participate in an advisory capacity in a SWAFS (science with and for society) application within Horizon2020, in case the project is funded by the European Commission. The project, called QUALITIES, is coordinated by the University of Bergen in Norway. The chair has signed a letter of support for the project on behalf of the PWG SE.

The revised European Code of Conduct for Research Integrity has been presented at conferences and discussed in journals published in many countries (US, Norway, Sweden))

The PWG SE, on behalf of ALLEA, is currently exploring a potential observer status at the meetings of the Committee on Bioethics of the Council of Europe (DH-BIO).

In April 2018, the group was asked to nominate someone to represent ALLEA's PWGSE in the Organising Committee (OC) for the Royal Society - ALLEA conference on "Flourishing in a Data-enabled Society". A nomination has been sent to the Royal Society.

Current work planned: a statement on ethical issues raised by Open Access. This will be elaborated and discussed at our next meeting in Dublin in September 2018.

The European Commission recently published plans for the European Open Science Cloud (EOSC) will be discussed at the group's next meeting.

ALLEA Working Group Truth, Trust & Expertise

Composition

The Working Group currently consists of eight members, who are further supported by a pool of academicians in a sounding board, providing advice and additional expertise to the WG. We are happy to have Daniel Kaiser as a scientific coordinator for the Working Group, the preparations of papers and meetings.

Working Group: Baroness Onora O'Neill (Co-Chair) – British Academy and Royal Society; Ed Noort (Co-Chair) – ALLEA Vice President, Royal Netherlands Academy of Arts and Sciences (KNAW); Maria Baghramian – Royal Irish Academy; José van Dijck – Royal Netherlands Academy of Arts and Sciences (KNAW); Luke Drury – Royal Irish Academy (RIA); Göran Hermerén – Royal Swedish Academy of Letters, History and Antiquities (KVHAA); Gloria Origgi – Institut Jean Nicod; Christiane Woopen – Köln University.

Sounding Board: Ash Amin – Foreign Secretary, British Academy; Yesim Arat – Science Academy, Turkey; David Boucher – Vice President, Learned Society of Wales; Susan Owens – British Academy; Günter Stock – ALLEA President, Berlin Brandenburg Academy of Sciences (BBAW); Helen Wallace – British Academy.

Rationale

In October 2017, ALLEA established a new working group on "Truth, Trust & Expertise". This Working Group serves as a transnational platform for perspectives on the nature of and relationship between Truth, Trust & Expertise in the field of science and research. It aims at an interrogation and exploration of the current and past dynamics of public trust and the challenges it faces in times of contested norms regarding what counts as truth, facts and evidence.

Activities

During its first meeting in October 2017, the group discussed its main objectives and activities. The group agreed to convene three thematic workshops in London (19 Feb, chaired by Onora O'Neill), Sofia (15 May, chaired by Ed Noort) and Amsterdam (31 Aug, chaired by José van Dijck). The closed workshops should include members of the working group, sounding board as well as up to three external invited speakers.

During the first workshop in London, participants discussed what we mean by trust, what counts as expertise, and what kinds of expertise can be distinguished. They also discussed the contexts in which trust and trustworthiness exist and how trust can be nurtured and maintained. The content of the workshop will be published in a first issue of the "ALLEA Discussion Papers". ALLEA has also produced a video on this occasion, introducing the working group and its main questions. It can be watched online.

The Second Workshop focuses on trust and trustworthiness in relation to scientific knowledge production and perspectives from various disciplines and research traditions. Workshop 3 will deal

with "Changing Landscapes of Communication" and their effects on trust in science and expertise. The outcomes of all three workshops are published in separate issues of a new series of "ALLEA Discussion Papers". The first one, containing the content of the first workshop in London, is expected to be published prior to the GA.

The internal workshops are accompanied by the Scientific Symposium: "Science in Times of Challenged Trust and Expertise" during ALLEA's GA on 16 May with keynotes and panel discussions on the main issues debated in the working group. Keynote speakers are Susan Owens, Antonio Loprieno and José van Dijck. The working group will actively oversee the editing process of the conference proceedings.

ALLEA Working Group Framework Programme 9

The ALLEA Working Group on FP9 was established by the Vienna General Assembly in 2016. Its function is to engage in deliberation and foresight with ALLEA Member Academies about the topics and actions which should form part of EU research funding . It also engages with EU institutions both on the review of Horizon 2020 and on the future shape of FP9.

In the eight months since the Budapest General Assembly, the Group has focused mainly on making suggestions about the shape of the future FP9 programme.

The Group had produced a Position Paper in July 2017 (*Developing a Vision for Framework Programme 9*: http://www.allea.org/wp-content/uploads/2017/07/ALLEA_Statement_FP9.pdf) which argued that the EU must add value, not replicate, national research systems, and put in place the foundations for a programme that incentivises interdisciplinarity, mobility, internationalism, excellence, and includes a concept of impact focused on social and cultural effects on European societies, not just on economic or industrial benefit.

In particular, the Working Group recommended that the next framework programme take on board many of the suggestions of the report LAB – FAB – APP: Investing in the European future we want (the Lamy report). These included a broader definition of innovation that involves all forms of knowledge and for the full recognition of the value and a recognition of the importance of the humanities and social sciences. The position paper furthermore called for the EU to re-think significantly mission-oriented research, including purpose, long-term impact and horizons for such funding. The ALLEA experts underlined that FP9 should provide more support for research infrastructures, particularly including research human capital infrastructures at a European level, and should encourage a range of size of grants from small to medium to large, with those of shorter duration having a quicker application process.

This position paper was warmly welcomed by Commissioner Carlos Moedas and Director-General Robert Jan Smits.

The Group was encouraged to make further submissions to help the Lamy Group to take forward its ideas. In particular, the Group was encouraged to focus on the ways in which the ideas of the Lamy Group could make constructive use of the humanities and social sciences. Working particularly closely with HERA (Humanities in the European Research Area), the Working Group produced a submission in December 2017 supported by nine European research associations (ALLEA, HERA, ELI, ESA, EuroScience, GYA, Net4Society, NORFACE, and YAE). This submission (*Living Together. Missions for Shaping the Future*: http://www.allea.org/wp-content/uploads/2017/12/Living_Together_Missions_for_Shaping_the_Future_2017.pdf) aimed to explore the kinds of interdisciplinary themes and missions which should be supported by FP9. Our suggestion was that for Missions to live up to their potential, they had to be transformative in that it generates new knowledge and understanding or that it offers a smart implementation of existing knowledge. "Innovation" had to be conceived broadly to include cultural, social, governance, economic and technological transformations. ALLEA members were particular keen to stress that transformation includes challenging and critiquing received wisdom, rather than just

doing new things. It is important that the topics for Missions should be open-ended and should not be too tightly defined in advance. Broad fields should enable researchers to make suggestions for projects of different sizes to be funded. The submission insisted that missions could not contructively be defined to cover the full period of FP9. It may well be very useful for non-researchers to be involved in the co-design of projects. Inter-disciplinary work requires the use of a multiplicity of different evaluators in the awarding and monitoring of projects.

The Submission illustrated its ideas with four suggestions:

1. *Living Together: Building Sustainable, Open and Democratic Societies for the Future*: What are the kinds of societies that will exist within Europe in the future and for which we now need to prepare? What kind of societies do we want to live in and prepare for future generations? This involves looking at institutions, political participation and new actors in civil society.
2. *Catching up with Innovation*: Technical innovations and scientific breakthroughs entail unforeseen social, cultural, political, ethical and legal consequences that generate new challenges for societies. To be able to cope with future developments and create a future information society, we need to go beyond technology and innovation. We need to develop a research-based strategy that includes reflection on the ethical, legal, social, educational and cultural consequences of the digital revolution.
3. *Growing up and Ageing in Europe*: Europe's societies are being enriched by people living longer and contributing actively to the development of society often outside the world of paid employment. Their actions and choices contribute to inter-generational well-being and to the distribution of resources and opportunities in society. At the same time, older people often have need for technology and health care to cope with their declining physical and mental conditions.
4. *Truth, Trust and Expertise*: Entering a "post-truth era", (European) societies are increasingly facing the challenge to (re-)establish trust as a basis for sustainable and legitimate governance. Trust is a key prerequisite for a just and cooperative society. Creative ways of investigating the potentials and dangers of digitalisation, new patterns of communication, the relationship between trust, inequalities, legitimacy and democratic quality have to be explored.

This joint submission was then followed up by meetings conducted with the Commission in Brussels during February 2018, which we attended alongside HERA. This gave us the opportunity to understand the likely timescale for the next stages of the elaboration of FP9 and to be aware of the different reactions to our paper. In our meetings, we also stressed the need for forms of support with applications and the management of projects to enable greater success rates for applicants from Eastern and Southern Europe. Subsequently we have been able to respond to the consultations on Missions which the Commission has opened during March 2018. The Working Group has established itself as a recognised partner with the Commission in the development of FP9

We now expect a more detailed consultation on the likely content of FP9 in June 2018. This will follow the proposals on the draft EU budget for 2021-2027 and the presentation of framework legislation. The group expects that there will be significant work to be undertaken in consultation with Member Academies during the year 2018-19, both before and after the European Parliament elections.

The Working Group is particularly grateful for the help given by Daniel Kaiser n the ALLEA office and by Philip Lewis and Hugo Clarke in the British Academy.

ALLEA Working Group E-Humanities

The Working Group E Humanities has re-initiated its activities during a kick-off meeting at the Royal Irish Academy in December 2017, and over the spring and summer is organising a symposium for the autumn (date and venue TBC). The symposium will address the challenges and potential solutions to managing research data generated by Humanities projects at Academies.

Current group membership is:

- Dr Natalie Harrower (Chair) – Royal Irish Academy
- Dr Beat Immenhauser – Swiss Academies of Arts and Sciences
- Professor Gerhard Lauer – Chair of Digital Humanities, University of Basel (Special Member)
- Dr Maciej Maryl – Institute of Literary Research of the Polish Academy of Sciences
- Professor Tito Orlandi – The National Academy of the Lincei
- Professor Bernard Rentier – The Royal Academies for Science and the Arts of Belgium
- Professor Andreas Speer – Union of German Academies of Sciences and Humanities
- Dr Eveline Wandl-Vogt – Austrian Academy of Sciences
- Dr. Lisa Griffith (Secretariat) – Royal Irish Academy (DRI Programme Manager)

Academy research projects in the Humanities (e.g. corpora, critical editions) and the data generated in the process of this research ('research data') provide rich sources for further scholarly work, but they must be made available in open and standardised ways if they are to be discovered and re-used.

The group takes its steer from two current priorities in the European research agenda: the European Open Science Cloud (EOSC), and the FAIR-data principles. The EOSC Declaration (published October 2017) focuses on several issues relevant to Academy research in the Humanities: the need to reduce fragmentation in research outputs, the importance of supporting interdisciplinary research, which requires data sharing across disciplines, and the imperative to share research across all areas of Europe, especially in areas that have less developed digital infrastructures. The FAIR-data principles, which support the larger aims of the EOSC, are about making data Findable, Accessible, Interoperable, and Reusable.

The focus of the group is on better enabling Academies to produce FAIR-data, and to address the particularities of FAIR-data in a e-Humanities context. This includes careful attention to the GDPR, copyright and licensing, the diversity of data types and formats in the Humanities, the requirements for data archiving and preservation (including metadata standards), and the need for cross-Academy coordination.

Following the symposium, the group will consider drafting a set of simple and actionable recommendations for Academies on data archiving, sharing, and reusability.

Activities:

Dr. Harrower represents the Working Group's aims at the Research Data Alliance (via the RDA 4.0 Europe H2020 project), and as a member of the European Commission's FAIR-data Expert Group.

January 2018: Dr. Harrower represents the WG on Programme Committee for ICSU Workshop on Open Data, Brussels

November 2018: Dr. Eveline Wandl-Vogt represents the WG on the Programme Committee for 'Flourishing in a Data-enabled Society: governing data in the 21st century', a joint Royal Society, UK and ALLEA conference.

ANNEX C

List of Nominations by Member Academies for ALLEA Board, 2018-2020

Country	Nominating Academy/-ies	Function in academy	Name	Discipline / field of expertise
Austria	Austrian Academy of Sciences **(renomination of Board academy)**	Vice President	Oliver Schmitt	Eastern European History
Belgium	Royal Flemish Academy of Belgium for Science and the Arts **(renomination of Board member)**	Past President	Hubert Bocken	Law
Bosnia and Herzegovina	Academy of Sciences and Arts of Bosnia and Herzegovina	President	Miloš Trifković	Law
Finland	Council of Finnish Academies **(renomination of Board member)**	Member of the Board	Krista Varantola	English Language
Georgia	Georgian National Academy of Sciences	President	Giorgi Kvesitadze	Biochemistry / Biotechnology
Germany	Leopoldina / Union of German Academies	Member	Susanne Albers	Computer Science
Ireland	Royal Irish Academy	Past President	Luke Drury	Astronomy
Moldova	Academy of Sciences of Moldova	President	Gheorghe Duca	Chemistry
Netherlands	Royal Netherlands Academy of Arts and Sciences	Member of the Board	Maarten Prak	Social and Economic History
Poland	Polish Academy of Sciences	Vice President	Paweł Rowiński	Geophysics
Serbia	Serbian Academy of Sciences and Arts	Vice President	Ljubomir Maksimović	Byzantine Studies
Slovakia	Slovak Academy of Sciences	Member	Mária Omastová	Chemistry
Spain	Royal Academy of Science and Arts of Barcelona / Institute for Catalan Studies	Member	Pere Puigdoménech	Molecular Biology
Sweden	Royal Swedish Academy of Letters, History and Antiquities	Secretary General	Birgitta Svensson	European Ethnology
Sweden	Royal Swedish Academy of Sciences	Member	Carl-Henrik Heldin	Molecular Cell Biology
United Kingdom	The Royal Society of Edinburgh **(renomination of Board member)**	Former Vice President	Graham Caie	English Language