

Annual Report of the NERIS Platform

Reporting Period: 01/01/2018 - 31/12/2018

Tenth NERIS General Assembly

Wednesday 3rd April 2019 from 9.00 to 11.00

Niels Bohr Auditorium – DTU Nutech Risø Campus- Roskilde, Denmark

1. MEMBERSHIP

In 2018, SSM - Swedish Radiation Safety Authority (Sweden) joined the NERIS Platform as a supporting organisation. Due to a revision of their activities, 1 organisation withdrew from the members (IKE - Institute of Nuclear Technology and Energy Systems (Germany)). 4 organisations joined the NERIS Platform as member (Institute of Environmental Geochemistry under NAS (Ukraine), UJV Rez, as - Nuclear Research Institute Rez (Czech Republic), JSI - Jozeph Stefan Institute, ISGlobal - Barcelona Institute for Global Health).

At the end of 2018, 64 organisations were members of NERIS with 27 Supporting Organisations and 37 Members of the NERIS Platform. For further details, see the list in Annex 1.

2. ACTIVITIES

2018 was marked by various events as well as different publications and the detailed list of the main activities of the NERIS platform is provided hereafter.

The NERIS Platform was involved in an open Information and Networking Day of the European Radiation Protection Research Platforms on 20th February 2018 (Munich). Based on a gap analysis of their joint programming and on the content and results of current EURATOM and member states co-funded projects, the Platforms prepared joint research priority recommendations for this upcoming EURATOM Research call. It was a good exercise for research platforms to think about common research topics. The documents produced by the 5 European Research Platforms and by SSH network are available on the CONCERT website.

A joint ALLIANCE-NERIS Workshop held on 28-29 March in Munich, and hosted by BfS, gathered more than 30 scientists to discuss two common gaps namely issues in aquatic modeling and use of big data in emergency management. The objective was to review the development stage of the issues mentioned above and to establish a consensus on possible future research priorities.

On 25-27 April in Dublin, NERIS organised its 4th workshop in cooperation with the Irish Environmental Protection Agency. The Workshop gathered 130 participants and 40 papers dedicated to 7 main challenges (Citizen science and monitoring by the public, coping with uncertainty in impact assessment & decision making, Calibration of new monitoring options (mobile monitoring), Inverse modelling & data assimilation, Data reproductibility and model validation, Novel approaches to communication & stakeholder engagement, Operational challenges for emergency response and recovery) were presented. In addition, a Round Table on the CONCERT Joint Roadmap and the links with the NERIS research activities was organized at the end of the workshop. The final programme of the Workshop and the powerpoint presentations made during the workshop are available on the NERIS website.

This week in Dublin was also the occasion to organise the 9th NERIS General Assembly. 30 participants from 12 countries attended the Ninth NERIS General Assembly. The first Roadmap was presented and at the occasion of an international forum, HERCA, IAEA, ICRP, NEA-OECD, WHO and EC-JRC ISPRA presented research topics related to NERIS activities to discuss on cooperation. On this basis, further contacts have been established during the year with the international organisations in order to identify the possible cooperation. Information on the OPERRA and CONCERT Project were given and the future challenges of the Platform were also discussed.

Concerning the NERIS Working Groups' activities, the Working Group on Information, Participation and Communication (WG IPC) met on 25th April at the occasion of the NERIS Workshop to discuss activities of TERRITORIES and CONFIDENCE on stakeholders and communication of uncertainties, rationales for stakeholder

engagement with ENGAGE, and how information and transparency are enacted in practice in light of the new Safety Directive. In addition, a presentation related to the activities of the working group and its objective was made at the IAEA International Symposium on Communicating Nuclear and Radiological Emergencies to the Public, in Vienna from 1 to 5 October 2018.

The Working Group on Contaminated Goods (WG ConGoo) met on 25th April to make a progress report of the ongoing actions of the NERIS WG ConGoo and more particularly, actions carried out in the framework of the CONCERT projects (TERRITORIES & CONFIDENCE) that are in direct connection with the activities of the NERIS WG ConGoo. A round table was organized to detail the current actions conducted with national panels, and information was shared on the feedback analysis from the management of foodstuff in Japan.

The Working Group on ICRP recommendations has interacted with ICRP in order to prepare comments and organize jointly with NEA-CRPPH a meeting to discuss the ICRP draft report on the update of Publication 109 (Emergency) and Publication 111 (Recovery). The meeting will be organized on February 26, 2019 in NEA head-quarter.

For Users Groups, the ARGOS User Group met on 23-24 April in Dublin. It consisted in establishing the terms of reference for a new AUG, discussing on the use of the ARGOS system and on recent developments.

Moreover, the NERIS Platform contributed to the 3rd European Radiation Protection Week, held in Rovinj, Croatia, from 1st to 5th October 2018. NERIS was involved in a session with IMROH on "Practical mobile units and modern research and measurements requirements" with 4 oral presentations (involvement of residents living in the vicinity of the Chernobyl exclusion zone in monitoring and interpreting, measurement results and the influence of individual behaviours, novel spectrometry systems for radiological early warning networks in Europe - a summary of METROERM results, Challenges of radiological/nuclear on-site measurements, The importance of mobile units in emergency preparedness and response). Croatian mobile units were also presented to the public.

Finally, in 2018, the NERIS Platform strengthened its involvement in the coordination of radiation protection research at European level by being involved in the Management Board of the CONCERT Project (see table 1). It should be noted that the NERIS platform was also involved in the 3rd meeting of the CONCERT stakeholder group, as some stakeholders were proposed by NERIS, and representatives of the NERIS Platform exchanged on concerns and expectations concerning RP Research dedicated to Emergency and Recovery topics.

In addition, the NERIS Platform has been represented in various European and International meetings:

- Finnish Consortium for Radiation Safety Research Cores (5-6 September 2018)
- RICOMET 2018 (13-15 June 2018)
- CRPPH Scoping Meeting on global coordination of low-dose research held in Milan (17th-18th September)
- Symposium at IAEA on communicating nuclear and radiological emergency to the public (1-5 October)
- ICRP SLO meeting held in Stockholm on 17-18 October 2018.

Table 1: List of the meetings and activities of the NERIS Platform in 2018

| Event | Date | Venue |
|---|---|----------------------------|
| NERIS Management Board Meetings | | |
| 29 th NERIS Management Board | 10 th January 2018 | Skype meeting |
| 30 th NERIS Management Board | 27 th January 2018 | Skype meeting |
| 31 th NERIS Management Board | 4 th April 2018 | Skype meeting |
| 32 nd NERIS Management Board | 23 rd May 2018 | Skype meeting |
| 33 rd NERIS Management Board | 2 nd July 2018 | Skype meeting |
| 34 th NERIS Management Board | 10 th September 2018 | Skype meeting |
| 35 th NERIS Management Board | 2 nd October 2018 | ERPW 2018, Rovinj, Croatia |
| 36 th NERIS Management Board | 21st November 2018 | Skype meeting |
| R&D Committee meetings | | |
| NERIS R&D Committee – Preparation of the 5 th NERIS Workshop | 2 nd October 2018 | Rovinj (Croatia) |
| General Assembly | | |
| 9 th General Assembly | 25 th April 2018 | Dublin (Ireland) |
| Working Groups / User groups | | |
| ARGOS User Group | 23-24 April 2018 | Dublin (Ireland) |
| WG ICP | 25 th April 2018 | Dublin (Ireland) |
| WG ConGoo | 25 th April 2018 | Dublin (Ireland) |
| Workshops | | |
| 4 th NERIS Workshop | 25-26 April 2018 | Dublin (Ireland) |
| Cooperation with European Platforms | | |
| European Radiation Protection Week 2018 | 1-5 October 2018 | Rovinj (Croatia) |
| MENEA meeting | 1 st October 2018 | Rovinj (Croatia) |
| CONCERT Project | | |
| Management Board | 4 th October 2018 | Rovinj (Croatia) |
| CONCERT Stakeholder meeting | 5 th October 2018 | Rovinj (Croatia) |
| Participation to other Workshops | | |
| RICOMET 2018 | 13-15 June 2018 | Antwerp (Belgium) |
| Other cooperation | | |
| Symposium at IAEA on communicating nuclear and radiological emergency to the public | 1 st -5 th October 2018 | Vienna (Austria) |
| CRPPH Scoping Meeting on global coordination of low-dose research | 17 th -18 th September2018 | Milano (Italy) |
| ICRP SLO meeting | 17 th – 18 th October 2018 | Stockholm (Sweden) |

3. NEWSLETTER, PUBLICATIONS, WEBSITE

Two Issues of the NERIS Newsletter were published in June 2018 and January 2019 and are available on the NERIS Website.

The first one was dedicated to:

- Feedback from the 4th NERIS Workshop and the Round table on the CONCERT Joint Roadmap and the links with the NERIS research activities, and the main outcomes of the ALLIANCE-NERIS Workshop (28-29 March 2018).
- Feedback from the TERRITORIES annual meeting (7-8 February 2018, Munich, Germany)
- Feedback from the CONFIDENCE Workshop (23-24 April 2018, Dublin, Ireland)
- Information on SHAMISEN-SINGS, European project selected for funding in the second open call from CONCERT and ENGAGE
- Announcing the 5th NERIS Workshop (3-5 April 2019,Roskilde,Denmark), the CONFIDENCE Training Course on "Use of uncertain information by decision makers at the various levels within the decision making process and its communication" (13-16 May 2019, Trnava, Slovak Republic) and the CONFIDENCE Dissemination Workshop (2-5 December 2019, Bratislava, Slovak Republic)

The second one was dedicated to:

- Feedback from the 3rd European Radiation Protection Week (1-5 October 2018, Rovinj, Croatia)
- Information on European projects CONFIDENCE, TERRITORIES, SHAMISEN-SINGS and ENGAGE
- Announcement of ENGAGE Dissemination Workshop (11-13 September 2019, Bratislava, Slovak Republic), the Final of TERRITORIES (13 15 November 2019, Aix en Provence, France) and CONFIDENCE Final Workshop (2-5 December 2019, Bratislava, Slovak Republic).

In 2017 the site had an average of 350/visit a month (Figure 1). Due to the EU General Data Protection Regulation (GDPR) enforcement, analytics were stopped between at the end of May and were opened again in December. In December 2018, there is a decrease of visit compared to 2017.

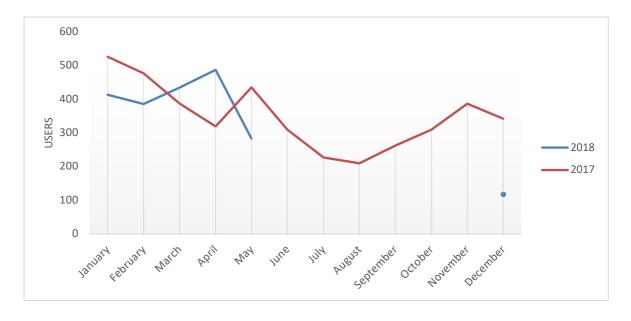


Figure 1: Number of users in 2018 compared to 2017

4. FINANCIAL ISSUES

4.1. Results for 2018 (cf. Annex 2)

| | NERIS 2018 OPERATING COSTS | | | | | | | | |
|-----------------------------------|---|------------------|--------------------------|---------------------------------|--------------------------------|--|------------------------|--------------------|------------|
| NERIS COSTS | Items | Workload days | Workload days paid | Daily cost VAT excluded € | Total cost VAT excuded € | Total cost VAT included 20% € | T&S and others € | Subtotal F € | Total € |
| NETWORK SECRETARIAT (CEPN) | | | | | | | | | |
| NERIS Steering Group & Management | General management (manager) | 3 | 2 | 1400,00 | 2800,00 | 3360,00 | | 3360,00 | |
| | Assistance (junior researcher) | 26 | 21 | 600,00 | 12600,00 | 15120,00 | 372,09 | 15492,09 | |
| NERIS Workshops | Workshops organisation (manager) | 2 | 1 | 1400,00 | 1400,00 | 1680,00 | | 1680,00 | |
| | Workshops organisation (junior researcher) | 7 | 6 | 600,00 | 3600,00 | 4320,00 | 2941,41 | 7261,41 | |
| WG & sub-network management | Management (manager) | 2 | 1 | 1400,00 | 1400,00 | 1680,00 | | 1680,00 | |
| | Assistance (junior researcher) | 3 | 2 | 600,00 | 1200,00 | 1440,00 | | 1440,00 | |
| NERIS Newsletters | Editorial board (manager) | 1 | 0 | 1400,00 | 0,00 | 0,00 | | 0,00 | |
| | Realisation (junior researcher) | 5 | 4 | 600,00 | 2400,00 | 2880,00 | | 2880,00 | |
| NERIS website | Maintenance, upgrading (senior researcher) | 4 | 2 | 980,00 | 1960,00 | 2352,00 | | 2352,00 | |
| | Maintenance, upgrading (junior researcher) | 4,55 | 0 | 600,00 | 0,00 | 0,00 | | 0,00 | 36145,50 |
| Contacts with intl. Organisations | Management (manager) | 3 | 1 | 1400,00 | 1400,00 | 1680,00 | | 1680,00 | 1680,00 |
| European projects | CONCERT Projects (manager) Stakeholders Travel expenses | 2,8 | 0 | 1400,00 | 0,00 | 0,00 | 405,83 6685,45 | 405,83 6685,45 | 7091,28 |
| Reception | Lunches, dinner (AB, SG) | | | | | | 0,00 | 0,00 | |
| Workshop | Workshop organisation - Neris 2018 | | | | | | 18264,50 | 18264,50 | |
| Others | Auditor certification | | | | | | 500,00 | 500,00 | |
| | Web domain (neris.eu), stamp, banking | | | | | | 54,18 | 54,18 | 18818,68 |
| NERIS COST for coordination | | 63,35 | 40 | | 28760,00 | 34512,00 | 29223,46 | | 63735,46 |
| Contributions | RPW | | | | | | 2000,00 | | 2000,00 |
| NERIS COST for support | | | | | | | 2000,00 | | 2000,00 |
| TOTAL NERIS COSTS | | 63,4 | 40,0 | | | 34512,00 | 31223,46 | | 65735,46 |

| | NERIS 2018 RESOURCES | |
|----------------------------|---|----------|
| Fees | members of NERIS - supporting organisations | 38000,00 |
| European financial support | CONCERT project | 4885,44 |
| | CONCERT consultation meeting support | 287,00 |
| Workshop | Registrations - Dublin | 27320,00 |
| TOTAL NERIS RESOURCES | | 70492,44 |
| | | |

| | | FEES 2018 | | | | | | |
|-----------------|-------------------------------|---|--|---------|--|--|--|--|
| NERIS RESOURCES | Members of NERIS - supporting | Members of NERIS - supporting organisations | | | | | | |
| | 1 Belgium | SCK-CEN | Belgian Nuclear Research Center | 1000,0 | | | | |
| | 2 Czech Rep. | SURO | National Radiation Protection Institute | 1000,0 | | | | |
| | 3 Denmark | DTU | Technical University of Denmark | 1000,0 | | | | |
| | 4 Denmark | PDC | Prolog Development Center | 1000,0 | | | | |
| | 5 Finland | STUK | Radiation and Nuclear Safety Authority | 2000,0 | | | | |
| | 6 France | MUTADIS | Mutadis | 1000,0 | | | | |
| | 7 France | CEPN | Nuclear Evaluation Protection Center | 1000,0 | | | | |
| | 8 France | IRSN | Institute for Radiological Protection and Nuclear Safety | 2000,0 | | | | |
| | 9 Germany | BFS | Federal Office for Radiation Protection | 2000,0 | | | | |
| | 10 Germany | KIT | Karksruhe Institute of Technology | 1000,0 | | | | |
| | 11 Germany | IKE | University of Stuttgart | 0,0 | | | | |
| | 12 Greece | GAEC | Greek Atomic Energy Commission | 2000,0 | | | | |
| | 13 Greece | DEMOKRIT | O National Center for Scientific Research DEMOKRITOS | 1000,0 | | | | |
| | 14 Ireland | EPA | Environmental Protection Agency | 2000,0 | | | | |
| | 15 Italy | UNIMI | University of Milan | 1000, | | | | |
| | 16 Netherland | KWR | Watercycle Research Institute | 0, | | | | |
| | 17 Norway | NRPA | Norwegian Radiation Protection Authority | 2000, | | | | |
| | 18 Norway | NMBU | Norwegian University of Life Science | 1000, | | | | |
| | 19 Poland | NCNR | National Centre for Nuclear Research | 1000, | | | | |
| | 20 Portugal | IST | Technical Institute of Lisbon | 1000, | | | | |
| | 21 Portugal | APA | Agencia Portugesa do Ambiente | 2000, | | | | |
| | 22 Spain | UPM | Technical University of Madrid | 1000, | | | | |
| | 23 Spain | CIEMAT | Ciemat | 2000, | | | | |
| | 24 Spain | TECNATON | Tecnatom | 2000, | | | | |
| | 25 Slovakia | VUJE | Nuclear Power Plants Research Institute | 2000, | | | | |
| | 26 Switzerland | OFSP | Swiss Federal Office of Public Health | 2000, | | | | |
| | 27 United Kingdom | PHE | Public Health England | 2000, | | | | |
| | 28 United Kingdom | RISCU | University of Warwick | 1000,0 | | | | |
| OTAL FEES | 3 | 1 30 | | 38000,0 | | | | |

2. Proposal for 2019

| | NERIS 2019 OPERATING COSTS | | | | | | | | |
|---|---|------------------|--------------------------|---------------------------------|--------------------------------|--|------------------------|--------------------|------------|
| NERIS COSTS | Items | Workload days | Workload days paid | Daily cost VAT excluded € | Total cost VAT excuded € | Total cost VAT included 20% € | T&S and others € | Subtotal F € | Total € |
| NETWORK SECRETARIAT (CEPN) | | | - | | | | | | |
| NERIS Steering Group & Management | General management (manager) Assistance (junior researcher) | 5 | 3 12 | 1400,00 600,00 | . , | , | | 5040,00 8640,00 | |
| NERIS Workshops (NERIS+ERPW) | Workshops organisation (manager) Workshops organisation (junior researcher) | 2 | 1 | 1400,00 600,00 | . , | , | 2000,00 | 1680,00 8480,00 | |
| WG & sub-network management | Management (manager) Assistance (junior researcher) | 2 | 1 2 | 1400,00 600,00 | . , | 1680,00 1440,00 | · | 1680,00 1440,00 | |
| NERIS Newsletters | Editorial board (manager) Realisation (junior researcher) | 1 5 | 0 4 | 1400,00 600,00 | - | 0,00 | | 0,00 2880,00 | |
| NERIS website | Maintenance, upgrading (senior researcher) Maintenance, upgrading (junior researcher) | 4 3 | 2 2 | 800,00 600,00 | • | 1920,00 1440,00 | | 1920,00 1440,00 | 33200,00 |
| Contacts with intl. Organisations European projects | Management (manager) CONCERT Projects (manager) | 6 | 2 | 1400,00 | 2800,00 0,00 | 3360,00 | | 3360,00 0,00 | 3360,00 |
| European projects | Stakeholders Travel expenses | 3 | U | 1400,00 | 0,00 | 0,00 | 10000,00 | 10000,00 | 10000,00 |
| Reception Workshop | Lunches, dinner (AB, SG) Workshop organisation - Neris 2019 | | | | | | 450,00 12000,00 | 450,00 12000,00 | |
| Others | Auditor certification Web domain (neris.eu), stamp, banking | | | | | | 500,00 150,00 | 500,00 150,00 | 13100,00 |
| NERIS COST for coordination Contributions | RPW | 59 | 38 | | 28800,00 | 34560,00 | 25100,00 | | 59660,00 |
| CONTRIBUTIONS | nrvv | | | | | | 2000,00 | | 2000,00 |
| NERIS COST for support | | | | | | | 2000,00 | | 2000,00 |
| TOTAL NERIS COSTS | | 59,0 | 38,0 | | | 34560,00 | 27100,00 | | 61660,00 |

| | NERIS 2019 RESOURCES | |
|----------------------------|---|----------|
| Fees | members of NERIS - supporting organisations | 40000,00 |
| European financial support | CONCERT project s | 0,00 |
| | CONCERT travel expenses supported | 7023,75 |
| Workshop | Registrations - Roskilde | 20000,00 |
| TOTAL NERIS RESOURCES | | 67023,75 |
| | | |
| RESULT | | 5363,75 |

| FEES 2019 | | | | | | | |
|-----------------|-------------------------------|---|--|----------|--|--|--|
| NERIS RESOURCES | Members of NERIS - supporting | Members of NERIS - supporting organisations | | | | | |
| | 1 Belgium | SCK-CEN | Belgian Nuclear Research Center | 1000,00 | | | |
| | 2 Czech Rep. | SURO | National Radiation Protection Institute | 1000,00 | | | |
| | 3 Denmark | DTU | Technical University of Denmark | 1000,00 | | | |
| | 4 Denmark | PDC | Prolog Development Center | 1000,00 | | | |
| | 5 Finland | STUK | Radiation and Nuclear Safety Authority | 2000,00 | | | |
| | 6 France | MUTADIS | Mutadis | 1000,00 | | | |
| | 7 France | CEPN | Nuclear Evaluation Protection Center | 1000,00 | | | |
| | 8 France | IRSN | Institute for Radiological Protection and Nuclear Safety | 2000,00 | | | |
| | 9 Germany | BFS | Federal Office for Radiation Protection | 2000,00 | | | |
| | 10 Germany | KIT | Karksruhe Institute of Technology | 1000,00 | | | |
| | 11 Greece | GAEC | Greek Atomic Energy Commission | 2000,00 | | | |
| | 12 Greece | DEMOKRITO | National Center for Scientific Research DEMOKRITOS | 1000,00 | | | |
| | 13 Ireland | EPA | Environmental Protection Agency | 2000,00 | | | |
| | 14 Italy | UNIMI | University of Milan | 1000,00 | | | |
| | 15 Norway | NRPA | Norwegian Radiation Protection Authority | 2000,00 | | | |
| | 16 Norway | NMBU | Norwegian University of Life Science | 1000,00 | | | |
| | 17 Poland | NCNR | National Centre for Nuclear Research | 1000,00 | | | |
| | 18 Portugal | IST | Technical Institute of Lisbon | 1000,00 | | | |
| | 19 Portugal | APA | Agencia Portugesa do Ambiente | 2000,00 | | | |
| | 20 Spain | UPM | Technical University of Madrid | 1000,00 | | | |
| | 21 Spain | CIEMAT | Ciemat | 2000,00 | | | |
| | 22 Spain | TECNATOM | Tecnatom | 2000,00 | | | |
| | 23 Slovakia | VUJE | Nuclear Power Plants Research Institute | 2000,00 | | | |
| | 24 Sweden | SSM SRSA | Swedish Radiation Safety Authority | 2000,00 | | | |
| | 25 Switzerland | OFSP | Swiss Federal Office of Public Health | 2000,00 | | | |
| | 26 United Kingdom | PHE | Public Health England | 2000,00 | | | |
| | 27 United Kingdom | RISCU | University of Warwick | 1000,00 | | | |
| TOTAL FEES | ÷. | | | 40000,00 | | | |

ANNEX 1

Membership of the NERIS Platform

Supporting organisations:

- 1. APA Agencia Portuguesa do Ambiente (Portugal)
- BfS Federal Office for Radiation Protection (Germany)
- 3. CEPN - Nuclear Evaluation Protection Centre (France)
- 4. <u>CIEMAT</u> - Research Centre for Energy, Environment and Technology (Spain)
- 5. <u>DTU</u> Technical University of Denmark (Denmark)
- 6. <u>EPA</u> Environmental Protection Agency (Ireland)
- FOPH Federal Office of Public Health, Radiological Protection (Switzerland)
- GAEC Greek Atomic Energy Commission (Greece) 8.
- IRSN French Institute for Radiological Protection and Nuclear Safety (France)
- 10. IST Instituto Superior Técnico, the Lisbon School of Engineering, Science and Technology (Portugal)
- KIT Karlsruhe Institute of Technology (Germany)
- 12. MUTADIS (France)
- 13. NCSRD National Centre for Scientific Research "Demokritos" (Greece)
- 14. NCBJ National Centre for Nuclear Research (Poland)
- 15. NMBU Norwegian University of Life Sciences (Norway)
- 16. NRPA Norwegian Radiation Protection Authority (Norway)
- 17. PHE Public Health England (United Kingdom)
- 18. PDC Prolog Development Center (Denmark)
- 19. SCK.CEN Belgian Nuclear Research Centre (Belgium)
- 20. <u>SSM</u> Swedish Radiation Safety Authority (Sweden)
- 21. STUK Finnish Radiation and Nuclear Safety Authority (Finland)
- 22. <u>SURO</u> National Radiation Protection Institute (Czech Republic)
- 23. Tecnatom (Spain)
- 24. UNIMI University of Milan (Italy)
- 25. <u>University of Warwick</u> (United Kingdom)
- 26. <u>UPM</u> Universidad Politécnica de Madrid (Spain)
 27. <u>VUJE</u> Nuclear Power Plants Research Institute (Slovakia)

Members:

- 28. AgroParisTech Paris Institute of Technology for Life, Food and Environmental Sciences (France)
- 29. <u>AIT</u> Austrian Institute of Technology (Austria)
- 30. ANCCLI National Association of Liaison Committee (France)
- 31. ASN French Safety Authority (France)
- 32. BIR Bundeswehr Institute of Radiobiology (Germany)
- 33. <u>DEMA</u> Danish Emergency Management Agency (Denmark)
- 34. DZZZ Office for Radiological and Nuclear Safety (Croatia)
- 35. ENEA Italian National Agency for New Technologies, Energy and Sustainable Economic Development (Italy)
- 36. <u>EVIRA</u> Finnish Food Safety Authority (Finland)
- 37. GRS Gesellschaft für Anlagen und Reaktorsicherheit (Germany)
- 38. <u>Hungarian Academy of Sciences Centre for Energy Research</u> (Hungary)
- 39. <u>Institute of Environmental Geochemistry</u> under NAS (Ukraine)
- 40. IFIN HH National Institute of Physics and Nuclear Engineering (Romania)
- 41. ISGlobal - Barcelona Institute for Global Health - (Spain)
- 42. JSI Jozeph Stefan Institute (Slovenia)
- 43. ISP NPP Institute for Safety Problems of Nuclear Power Plants (Ukraine)
- 44. <u>ISS</u> Istituto Superiore di Sanità (Italy)
- 45. KWR Watercycle Research Institute (Netherlands)
- 46. MBS University of Manchester (United Kingdom)
- 47. NAEA National Atomic Energy Agency (Poland)
- 48. NPP-OSI -NPP Operation Support Institute (Ukraine)
- 49. NRG Nuclear Research and Consultancy Group (Netherlands)
- 50. PMA Pays de Montbéliard Agglomération (France)
- 51. Regional Environmental Center (Slovenia)
- 52. <u>RIKILT</u> Institute of Food Safety (Netherlands)
- 53. RIR Research Institute of Radiology (Belarus)
- 54. RIVM National Institute for Public Health and the Environment (Netherlands)
- 55. <u>SCN</u> Institute for Nuclear Research (Romania)
- 56. <u>SNSA</u> Slovenian Nuclear Safety Administration (Slovenia)
- 57. SSTC NRS State Scientific and Technical Center for Nuclear and Radiation Safety (Ukraine)
- 58. TRPA Taiwan Radiation Protection Association (Taiwan)
- 59. <u>UBB</u> University babes-Bolyai (Romania)
- 60. UCEWP Ukrainian Center of Environmental and Water Projects (Ukraine)
- 61. <u>UJV Rez, as</u> Nuclear Research Institute Rez (Czech Republic)
- 62. UOI University of Ioannina (Greece)
- 63. UV University of Valencia (Spain)
- <u>UVM.BWL</u> Ministerium für Umwelt, Naturschutz und Verkehr Baden-Württemberg (Germany)



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Cédrick BASTIEN Christine LANTY Philippe SZAFIR Jean-Philippe THOLAS Commissaires aux Comptes

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Réf.: CB/CP/107.2019

NERIS

Antony

14 march 2019

In our capacity as auditor of association CEPN, we carried out a control of the accounts of this association as of and for the year ended 31 december 2018.

We do not have significant remarks to formulate on this accounts in particular concerning CEPN financial management of NERIS.

Pour la Société RENAISSANCE AUDIT

Membre de la compagnie Régionale de Versailles Cédrick BastieN

SARL au capital de 3 000 Euros — 812 776 037 RCS NANTERRE — Siret 812 776 037 00010 — APE 6920Z Membre de la Compagnie Régionale des Commissaires aux comptes de Versailles

NERIS

BALANCE SHEET 31 DECEMBER 2018

| ASSETS | 31/12/2018 | 31/12/2017 | UABILITIES | 31/12/2018 | 31/12/2017 |
|--------------------------------|------------|------------|--------------------------|------------|------------|
| | | | Reserve | 20 178,51 | 16 197,37 |
| | | | Result | 4 213,02 | 3 981,14 |
| Fees to be received | 4 600,00 | 2 855,35 | Debt due | 10 886,20 | 17 527,11 |
| Other resources to be received | 1 550,78 | 2 094,74 | Fees received in advance | 22 200,84 | 22 200,84 |
| Cash at bank | 51 327,79 | 54 956,37 | Bank accounts payables | 0,00 | 0,00 |
| Other current assets | 0,00 | 0,00 | Agios | 0,00 | 0,00 |
| TOTAL | 57 478,57 | 59 906,46 | TOTAL | 57 478,57 | 59 906,46 |

SARL RENAISSANCE AUDIT
Societé de Commissariat aux Comptes
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Tél.: 01 46 66 06 06

Cédrick BASTIEN Christine LANTY Philippe SZAFIR Jean-Philippe THOLAS Commissaires aux Comotes

> C E P N 28, rue de la Redoute 92260 FONTENAY-AUX-ROSES

Réf.: CB/CP/107.2019

NERIS

Antony

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We do not have significant remarks to formulate on this accounts in particular concerning CEPN financial management of NERIS.

Pour la Société RENAISSANCE AUDIT

Membre de la compagnie Régionale de Versailles Cédrick BASTIEN

SARL au capital de 3 000 Euros — 812 776 037 RCS NANTERRE — Sint 812 776 037 00010 — APE 6920Z Membre de la Compagnie Régionale des Commissaires aux comptes de Versailles

NERIS

INCOME STATEMENT - RESULT 2018

| CHARGES | 31/12/2018 | 31/12/2017 € | INCOMES | 31/12/2018 | 31/12/2017 |
|-------------------------|------------|-----------------|-----------------------|------------|------------|
| | | | | | |
| External services and | 40093,19 | 36044,84 | | 38000 | 38000 |
| other external services | | | Charge transfer | | 0 |
| Expenses (EC projects) | 7377,77 | | EC contract | 4628,48 | 7296,87 |
| Organisation/Workshop | 18264,5 | | Contribution/Workshop | 27320 | 14500 |
| Total charges | 65735,46 | 55815,73 | Total incomes | 69948,48 | 59796,87 |
| Financial charges | | | Financial incomes | | 0,00 |
| Exceptional charges | | - | Exceptional incomes | | 0,00 |
| Benefit | 4213,02 | 3 981,14 | Loss | | 0,00 |
| TOTAL | 69 948,48 | 59 796,87 | TOTAL | 69 948,48 | 59 796,87 |

SARL RENAISSANCE AUDIT
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