



EUROPEAN COMMISSION

Euratom Nuclear Fission Research and Training What are the new specific needs? Seminar

Brussels, 21 February 2018

Background

The EU's nuclear landscape is changing. Although several new-build projects are planned in some Member States, a decline in nuclear generation capacity is expected in the EU in the coming years. An increased interest in widening the application of non-power and radiation technologies is observed in areas like health, agriculture and industry that contribute to raising the standard of living of all European citizens. Several challenges now clearly appear:

- Can Member States' and Euratom nuclear fission research, education and training activities allow Europe to maintain its technological and scientific leadership and remain at the forefront of progress and development?
- Should the Euratom Research and Training Programme cover certain additional nuclear science topics?
- Which research should be supported to trigger innovation in both power and non-power applications?

Scope

The current Horizon 2020 Euratom Research and Training Programme is focussed on the continuous improvement of nuclear safety, security and radiation protection. Recently developed comprehensive legal framework for nuclear safety is in place after the adoption of the European Directives in the field of nuclear safety, waste management and radiation protection.

Euratom research contributes to the promotion of scientific and technological breakthroughs through the support to collaborative nuclear research and innovation actions.

The aim of the seminar is to have an open exchange of views with the stakeholders on some identified topics of nuclear fission research, addressing in particular what can be achieved at EU level.

The first part of the meeting addresses the '*Infrastructure Open Access and optimisation of resources*' as well as the closely linked '*Nuclear Education and Training*' topics, while

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the second part addresses 'Non-Power Nuclear Science Applications' and 'Innovation in Nuclear Research'.

Target audience

The target audience is:

- Member and Associated States' research ministries and funding agencies and research organisations
- Technology platforms
- European associations in the nuclear field,
- Researchers in the nuclear field

Structure

There will be four sessions and for each there will be a moderator and three panellists. The moderator will introduce the session and address three or four questions to each of the panellists which will have five minutes to present their position before the floor is open for discussion.

Draft AGENDA

09h00-09h30: Welcome

09h30-09h45: Introductory address - European Commission

Session 1

09h45-10h05: **Infrastructure Open Access and optimisation of resources**

10h05-11h00: Discussion

11h10-11h15: Coffee break

Session 2

11h15-11h35: **Nuclear Education and Training at EU level**

11h35-12h30: Discussion

12h30-14h00: Lunch break

Session 3

14h00-14h20: **Non-Power Nuclear Science Applications**

14h20-15h15: Discussion

15h15-15h30: Coffee break

Session 4

15h30-15h50: **Innovation in Nuclear Research**

15h50-16h45: Discussion

16h45-17h00: Conclusion of the meeting