

AIDN-INLA Working Group on Nuclear Fusion

Terms of Reference

September 2021

Our activities are...

Our activities are centered on the legal, regulatory and policy aspects of nuclear fusion. In order to secure long-term political support, investment and international collaboration that nuclear fusion's worldwide commercialization will require, we will work and consult with stakeholders in the fusion arena on a viable proposal for the international regulation of nuclear fusion, pursuing forward-looking, *ex ante* regulation compared to the reactive, *ex post* regulation of fission.

In close cooperation with and a support from the experts of the other INLA Working Groups, we will, amongst others:

1. consider the applicability of international nuclear law to nuclear fusion,
2. review the international and selected national licensing frameworks (nuclear and others),
3. visit operating fusion devices or fusion devices under construction to establish common points and "lessons learned" (such as ITER, JET, Wendelstein 7-X),
4. evaluate regulatory approaches to nuclear fusion (fission v non-fission approach),
5. discuss the fusion fuel cycle (e.g. regulation of tritium),
6. evaluate the role of international collaboration in nuclear fusion R&D,
7. research the potential for international regulation and standardization,
8. review the business models applied to nuclear fission and other electricity-generating technologies and devise how they could be applied to nuclear fusion with a view to its worldwide commercialization by transferring fusion technology amongst others to new entrants,



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9. discuss how to facilitate the role of, and partnership with, industry and society in nuclear fusion R&D (e.g. incentives, contracting model, engagement with stakeholders),
10. explore nuclear fusion and fusion-fission hybrid applications not only in electricity generation but also in space exploration, heat generation, mining, healthcare and transport,
11. disseminate our findings, proposals and conclusions to the widest possible audience, including at the biennial INLA Inter Jura Congresses, to ensure that nuclear fusion is developed for the benefit of all mankind.

We welcome...

We welcome any Member of INLA to join us, who are lawyers working in the fission or non-fission industries contributing to the nuclear fusion R&D, or professionals with technical background showing interest in the international regulation of nuclear fusion. We will choose the Secretary of WG8 among our Members.

If you are interested in becoming a Member of WG8, you can contact:

Karoly Tamas Olajos (Chairperson for Europe and the Rest of the World) at karoly.olajos@f4e.europa.eu, and

William E. Fork (Chairperson for the North American Region) at william.fork@pillsburylaw.com.

We will meet...

We will meet online regularly and plan to meet in person in Europe or in North America at least once a year.