



Workshop on social license to operate (SLO) and nuclear waste management

VTT, Espoo, 7 October 2019

Program

12.00	Welcome! KYT2022 Reseach Programme, Suvi Karvonen, VTT
12.10	Introduction to the workshop / SOLID project, Matti Kojo, Tampere University
12.20	Social licence to operate and the role of the state: lessons from nuclear waste management, Markku Lehtonen, UPF, Spain
12.50	Safety arguments and social license to operate (SLO) in NWM, Matti Kojo / Mika Kari, Tampere University
13.20	Invited comments #1, Bruce Blair, Researcher, Fulbright Scholar, Idaho State University
13.50	Invited comments #2, Vesa Lakaniemi, Municipal manager, Eurajoki
14.00	Coffee break and Discussion
15.00	End of the workshop

“Acquiring SOcial License for Disposal: trust and acceptance” (SOLID)

The project focuses on trust and trust building as essential parts of achieving social license for final disposal of spent nuclear fuel (SNF) and high-level radioactive waste.

The main objective is to provide further insight into the multidimensional and layered question of trust in final disposal of SNF in Finland.

SOLID aims at improving the understanding of strengths and weaknesses of the Finnish nuclear waste management (NWM) and particularly its continuity and flexibility in the changing socio-technical context of SNF management.

Research tasks:

Subtask 1:

The objective to compare risk and safety related argumentation, and the framing of final disposal, in debates within national parliaments and leading newspapers in Finland and France, with particular focus on SLO and trust in NWM institutions.

Subtask 2:

The objective is to disseminate the research results of the SOLID project and to finish the manuscripts prepared in the projects funded by KYT2018 and KYT2022. Key activities in SOLID include attendance at international conferences and publication of articles in international peer reviewed journals.

Publications in 2019

Kari, M., Kojo, M., Lehtonen, M. 2019. “Role of the host communities in final disposal of spent nuclear fuel in Finland and Sweden”, Proceedings of International Conference on the Management of Spent Fuel from Nuclear Power Reactors 2019, paper no 106. IAEA, Vienna, Austria, 24–28 June.

Kuisma, P., Litmanen, T., Kojo, M., 2019. Suomalainen konsensuaalinen hiljaisuus vastaan ruotsalainen kriittisyys: Sanomalehtikeskustelu KBS-3-loppusijoitusmenetelmän riskeistä Suomessa ja Ruotsissa 2008–2015. *ATS Ydintekniikka*, 48(3), 16–21.

Lehtonen, M., Kojo, M. 2019. The Role and Functions of Community Benefit Schemes: A Comparison of the Finnish and French Nuclear Waste Disposal Projects. In Brunnengräber, A. & Di Nucci, M. R., (Eds) *Governing Nuclear Waste: Conflicts, Participation and Acceptability*. Energiepolitik und Klimaschutz. Energy Policy and Climate Protection. Springer VS, Wiesbaden. https://doi.org/10.1007/978-3-658-27107-7_10

Vilhunen, T., Kojo, M., Litmanen, T. & Taebi, B. 2019. Perceptions of justice influencing community acceptance of spent nuclear fuel disposal. A case study in two Finnish nuclear communities. *Journal of Risk Research*. DOI:10.1080/13669877.2019.1569094

Conference presentations / abstracts

Lehtonen, M., et al. “Passive trust or active mistrust? The Finnish and French approaches to monitoring of radioactive waste repositories”, 2nd International Conference on Monitoring in Geological Disposal of Radioactive Waste, Paris, France, 9–11 April 2019.

Kojo, M., et al., “Safety arguments in nuclear waste management: comparing Finland and France”, **European Sociological Association (ESA) Conference 2019 “Europe and Beyond: Boundaries, Barriers and Belonging”**, 14th ESA Conference, 20–23 August 2019, Manchester, UK.