



The Federal Ministry for Education and Research (BMBF, 02S9082B) is supporting the interdisciplinary research platform, "Disposal options for radioactive residues: Inter-disciplinary analyses and development of evaluation principles" (ENTRIA) for the period 2013-2017.

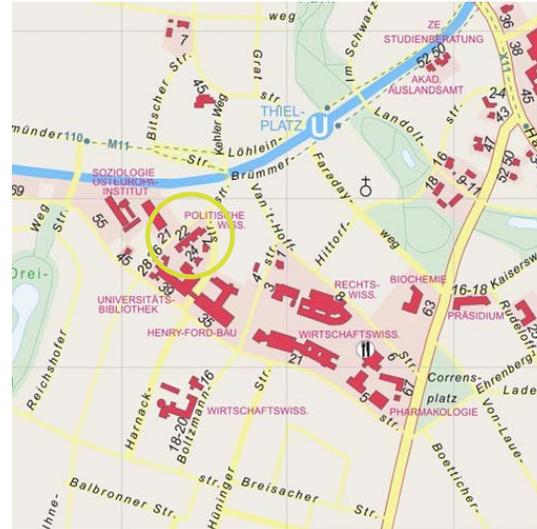
The Environmental Policy Research Centre (FFU) of the Freie Universität Berlin is a member of the ENTRIA platform and is conducting a project on governance of radioactive waste storage in Germany and abroad.



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Project Partners

- Technische Universität Clausthal (TUC),
- Leibniz Universität Hannover (LUH),
- Technische Universität Braunschweig (TUBS),
- Karlsruher Institut für Technologie (KIT),
- Christian-Albrechts-Universität zu Kiel (CAU),
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Environmental Policy Research Centre

Multi-Level Governance Perspectives on Nuclear Waste Disposal: A Comparative Analysis



streetart in Dortmund, unknown artist (photo: Ana M. Isidoro L.)

Nuclear waste storage from a multi-level governance perspective

The technically feasible, "safe" and socially accepted storage of (highly) radioactive waste represents one of the most pressing challenges for politics, science and society.

In Germany a thorny debate about a feasible solution and suitable locations for a central nuclear repository has been on going for nearly 40 years – without resolution.

The issue has gained new momentum and the need for action has been intensified by the requirements of the Directive 2011/70/Euratom. Member States with nuclear facilities are required to submit a report on the implementation of national programmes for the safe management of spent fuel and radioactive waste by 2015.



Project aims

The primary aim of the FFU project is to conduct a detailed social and political analysis of the preconditions for the development of an acceptable strategy for nuclear waste disposal in Germany. This includes the identification of stakeholders and their interests, responsibilities, value systems, views and expectations as well as paths for a constructive approach to dialogue and problem-solving. A focus of the research project will be an international comparative analysis of acceptance patterns and steering mechanisms for conflict resolution.

Lessons for policy will be derived from the comparative multi-level governance analysis. There will be special emphasis on nuclear waste storage concepts and policy instruments (e.g. regulation of retrievability, safety criteria, monitoring systems, compensation mechanisms) and institutions. The factors affecting failure or success of the different instruments and approaches will be compared and assessed at the international level. "Best practice" examples will feed into the formulation of policy recommendations.



Work packages

- Stakeholder analysis in Germany
- Acceptance and conflict analysis
- Analysis of multi-level governance
- International comparison of multi-level nuclear waste storage approaches
- Analysis of policy-instruments and institutions

Project team

An interdisciplinary team of junior and senior researchers coordinated by Prof. Dr. Miranda Schreurs and PD Dr. Achim Brunnengräber are actively participating in the work of the ENTRIA platform.

- Prof. Dr. Miranda Schreurs
- PD Dr. Achim Brunnengräber
- Dr. Maria Rosaria Di Nucci
- M.A. Daniel Häfner
- Dipl. Ing. Ana María Isidoro Losada
- Dr. Karena Kalmbach
- PD Dr. Lutz Mez



Publications

Research efforts and preliminary results will be presented regularly in dedicated publications to project partners and the interested public.

Recent publications

Brunnengräber, A.; Di Nucci, M. R.; Isidoro Losada, A.M.; Mez, L.; Schreurs, M. A. (Eds.) (2015): Nuclear Waste Governance. An International Comparison. Wiesbaden: Springer VS.