



UiO • **Scandinavian Institute of Maritime Law**
University of Oslo

Juridisk forskning innen CCS

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Forskningsrådet
7. mars 2018, Oslo



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1. Short introduction to UiO, Faculty of Law

- UiO Faculty of Law, the only academic institution for CCS legal research in Norway.
 - Broad and complementary competences: petroleum, energy, environment, shipping, contracts, public international law, EU law, country coverage).
- Research framework:
 - Since 2000
 - Own research to start with.
 - «Project CO₂ infrastructure», in partnership with SINTEF, CO₂ Norway, BI and CICERO (2004).
 - «BIGCO₂», in partnership with SINTEF, CICERO.
 - Financing from Ministry of Petroleum and Energy / Forskningsrådet
 - International collaboration with notably: University College London (UK), New York University (USA), University of Groningen (NL), University of Calgary (Canada).
 - Faculty staff called in as legal experts (European Commission, etc.) or Ph.D committee member.
 - FME NCCS, led by Sintef (2017-)
 - ELEGANCY ACT-EraNet



2. Research topics

- Research topics previously covered
 - International law framework for enabling CCS
 - Transboundary CCS activities, transportation and liability for leakage between state parties under the international climate regime.
 - Implementation of the CCS Directive 2009/31/EC
 - CCS support and state aids regime under EEA law
 - CCS in Norwegian petroleum and environmental law
 - Liability for leakage from CCS in Norwegian law
 - CCS transport: regulatory terms, third-party access, permitting rules.



- More recently:
 - Moving ahead: support (int., EU, national)
 - Relationship to energy systems
 - Interaction with other energy carriers (ex. hydrogen) and energy sources (bio-CCS)
 - Negative emissions
 - Shipping
 - Liability for storage - update

3. Research records

- Publications:
 - Banet, Catherine, Bioenergy with carbon capture and storage (bio-CCS): regulating carbon negativity, draft paper, 2018.
 - Banet, Catherine, CCS: Legal Mapping, Note, FME-NCCS, December 2017.
 - Bugge, Hans Christian, “Transboundary Chains for Carbon Capture and Storage: Allocation under the Climate Regime between the States Parties of Emissions due to Leakage”, Chapter 8, in Havercroft I., Stewart R., Macrory E. (eds). *Carbon capture and Storage: Emerging Legal and Regulatory Issues*, Hart Publishing, 2011.
 - Bugge, Hans Christian and Lamark, André U., “Case studies on the implementation of Directive 2009/31/EC on the geological storage of carbon dioxide – Norway”, November 2011
 - Berger, Frederik and Haver, Gustav, “CO2-deponering på kontinentalsokkelen: ansvar for utslipp etter norsk rett og forholdet til klimavoteregimet etter Kyotoprotokollen”. Marlus nr. 355, Sjørettsfondet, 2007, ISSN ISSN 0332-7868
 - Eilertsen, Tonje, “Tredjepartsadgang til transportnett of lagringsområder for CO2”, Marlus nr. 392, Sjørettsfondet, 2010 ISSN 0332-7868
 - Hallenstvedt, Nina K. :”Statlig finansering av CO2-håndteringsprosjekter. Statens handlingsrom etter EØS-rettens forbud mot statsstøtte”, publisert IORs skriftserie nr. 7/2010
 - Lamark Ueland, André, “Offshore rørtransport av CO2 fra kontinentet til lagringssted på norsk sokkel”, Marlus nr. 405, Sjørettsfondet, 2011, ISSN 0332-7868
 - Siverts, Lise og Matheson Hegna, Anders : "Injeksjon av CO2 i undergrunnen på norsk kontinentalsokkel". Marlus nr. 316 2004.

4. Other activities

- **Teaching:**
 - Environmental law, international environmental law
 - international climate and energy law, petroleum law, incl. CCS
 - North Sea Energy Law (NSELP) programme, incl. CCS
- **Many law seminars and conferences organised at UiO and abroad (selection):**
 - Seminar on legal developments for CCS in Norway and the EU, with representatives from Ministry, European Commission, industry, NGOs.
 - Many participations to international seminars, ex: Banet, Catherine, “Accumulation of aids to fossil fuels under CCS projects and market-based support”, CCS Global Legal Symposium, UCL-NYU Law, New York, March 2010
- **Contribution to expert reports and evaluation committee for Ph.D thesis abroad :**
 - Banet, Catherine, “Identification of future CO₂ infrastructure networks – in-depth report for Norway”, Milieu Ltd, for European Commission, 2015.
 - Bugge, Hans Christian, evaluation committee, PhD thesis of M. Holwerda “EU regulation of cross-border carbon capture and storage” (2014).

Takk for oppmerksomheten!



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