

EGU2020-20918

<https://doi.org/10.5194/egusphere-egu2020-20918>

EGU General Assembly 2020

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## Overview of conventional hydrocarbon resources in the North Sea Basin – harmonization of assessments, cross-border play mapping and new concepts

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A cross-border assessment study looking at selected hydrocarbon systems is conducted as part of the EU Horizon 2020 GeoERA project (GARA H2020 grant #731166 lead by GEUS). Within this project the geological surveys of the Netherlands (TNO), Germany (BGR), the United Kingdom (BGS) and Denmark (GEUS) are working together to create an overview of hydrocarbon resources and potential plays in the North Sea Basin. The project will harmonize the available resource assessments, and take a closer look at the play systems and potential new concepts. The focus of the work is on resolving border issues and identifying play concepts that are successful in one country but are underexplored in others. Potential risk factors related to subsurface exploration and production as well as options for multiple use of the subsurface will also be included in the overview. The results of the project will be published in report and GIS format and made available to legislators as well as the public.

Other parts of the project include the assessment of unconventional hydrocarbon plays (see Schovsbo et al. this conference), detailed basin and petroleum system modelling of a case study area in the Danish-German-Dutch offshore area (Lutz et al. this conference) and a pan-European database for gas hydrates (Léon et al. this conference).