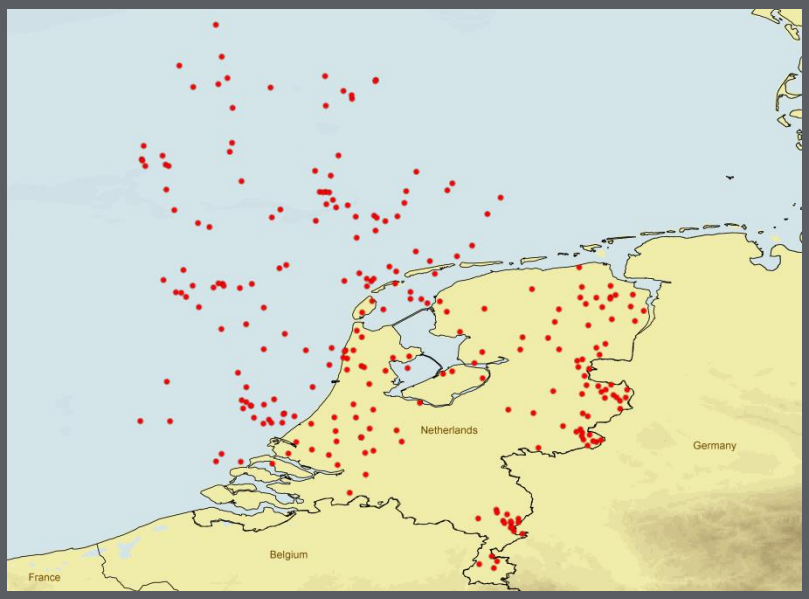
Netherlands
Geochemical Database

2018

Understanding petroleum systems geochemistry is crucial in evaluating exploration potential and risk. In order to do this effectively data from many non-uniform sources need to be compiled into a consistent format, which is a very time-consuming task. In IGI's Netherlands Geochemical Database this work has already been done and additional well data including location and stratigraphy have been collected and integrated where possible.

The database comprises data for over 6889 samples from 764 wells, including over 1410 oil and gas samples and 5464 rock analyses. TOC content is reported for 4412 samples with almost all of these also having additional pyrolysis data. The isotopic composition of 155 samples are reported. Maturity data in the form of vitrinite reflectance values are present for 1540 samples.



The data originate from the NLOG website which is managed by TNO, Geological Survey of the Netherlands. IGI has systematically catalogued and digitised all these data and compiled them into p:IGI, the industry standard application for petroleum geochemical databasing and interpretation. IGI has more than 30 years' experience in assembling and interpreting large geochemical datasets for the petroleum industry, ensuring that our database products can be used with confidence by geologists, basin modellers and geochemists.

The Netherlands Geochemical Database is provided with a Well Manager file containing available basic well information for all wells. This allows the user to seamlessly add samples from proprietary or in-house sources to the database, and assign uniform stratigraphy, map coordinates and other well information. The dynamic database automatically updates all plots on sample addition to minimise reaction time between data acquisition and interpretation.

Database cost (p:IGI format)	
List Price:	£12.000
Existing p:IGI clients:	£9,600

For further details please contact:
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Data mining and extraction
* Catalogue available geochemical data
* Compile and assimilate data types
* Load data into a single database (p:IGI-3)

Quality Assurance
* Unit conversion
* Identification of outliers
* Assess data density and distribution

Well Data Import
* Unify & assign stratigraphy
* Geo-reference data
* Assign sample metadata

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