Joint Industry and Regional Mapping Projects

Integrated pressure information system
This system acts as an enabling environment and site of key energy operators in the North Sea basin, including oil operators:
- Knowledge and tools
- Maps and cross-section showing distribution of pressure
- Region-specific pressure maps
- Regional components of the present data

Integrated pressure information system

Connectivity and Rock Typing prediction of Upper Carboniferous Reservoirs
To estimate the reservoir efficiency from data, combining new information from the variable rock facies, the ditribution of pressure, and the rock matrix, a predictive model is used. The model allows for the assessment of connectivity and rock typing prediction of Upper Carboniferous Reservoirs.

Connectivity and Rock Typing prediction of Upper Carboniferous Reservoirs

Pre-Westphalian prospectivity
A nation-wide inventory and overview of geological and geochemical data as well as an interpretation of those data in terms of hydrocarbon play potential for the Devonian and Namurian.

Pre-Westphalian prospectivity

Exploration in the Carboniferous of the Dutch offshore
A seismic velocity model for the entire Dutch on- and offshore. TNO constructed a seismic velocity model “VELMOD” of the layer cake type based on the Lithostratigraphic Nomenclator and sonic data of 1400 boreholes.

Exploration in the Carboniferous of the Dutch offshore

Structural mapping of the Dutch on- and offshore
The Netherlands on- and offshore structural mapping program (1985-2011) resulted in an integrated geological model of the Netherlands and adjacent areas, including the continental shelf. One of the deliverables is an improved Late Jurassic - Early Cretaceous structural elements map of the Netherlands. The map shows structural highs (brown), basins (blue), and platform areas (green).

Structural mapping of the Dutch on- and offshore

For more information on Exploration and Production issues and E&P data, see the Netherlands Oil and Gas Portal (www.nlog.nl) and www.ebn.nl.