

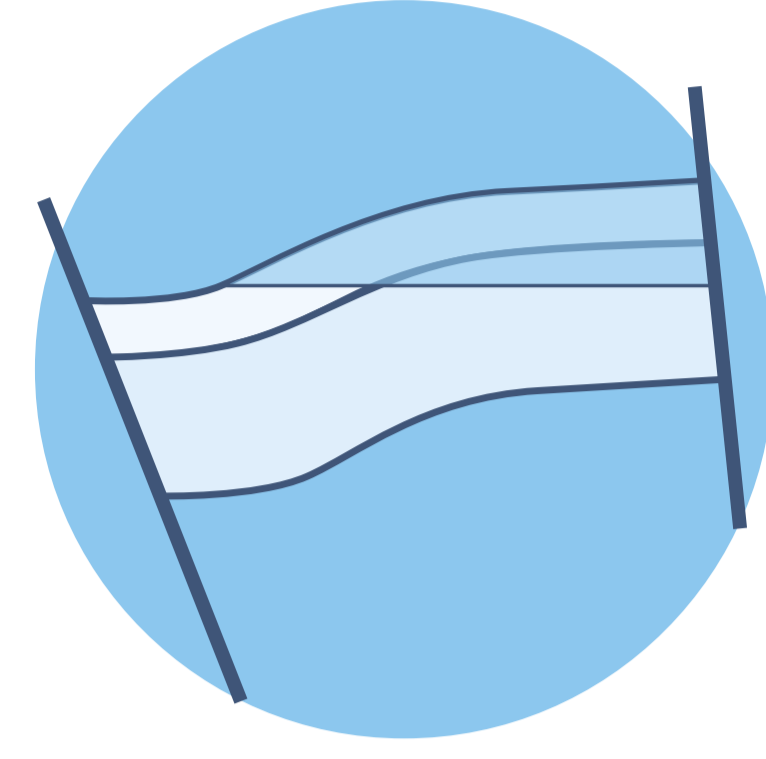
Your Gateway to Dutch Data

Data available free of charge on NLOG.nl



Available data

- **Well data:** well log data, well tests, production data, final well reports, stratigraphy, core data
- **Seismic data:** 2D and 3D seismic data is available to download, larger volumes on request
- **Gas/oil fields and geothermal data:** monthly production figures and production plans of all fields
- **And more:** salt production, underground gas storage, underground storage of CO₂, seismicity and subsidence, spatial planning, stranded fields described in fact sheets



Interpretation

- **Maps and digital datasets:** oil and gas fields, thematic maps, key regional horizons in time and depth, regional velocity models for time-depth conversion, gas composition
- **Papers and presentations:** annual review: Natural resources and geothermal energy in the Netherlands, bibliography, key publications on (petroleum) geology, reserves and production reports

Most data is available free of charge, after the legal confidentiality term.
Only large scale seismic volumes are subject to minor handling costs.



Legislation

- **Easy online access** to the Dutch mining legislation (also available in English)
- Explanation and **guidelines for reporting requirements**
- Information on **fees, tax benefits and state participation**

Examples of data availability

Large scale regional velocity model

The Velmod 3.1. regional velocity model has been developed for:

- Large scale time-depth conversion
- Seismic interpretation
- Mapping

The new version includes updates of data and methods, higher data density and more detail of the lithostratigraphic units.

This model is based on:

- Velocity data from sonic logs
- Checkshot data

With this data a layer cake velocity model is constructed based on V_{0k} parameterization.

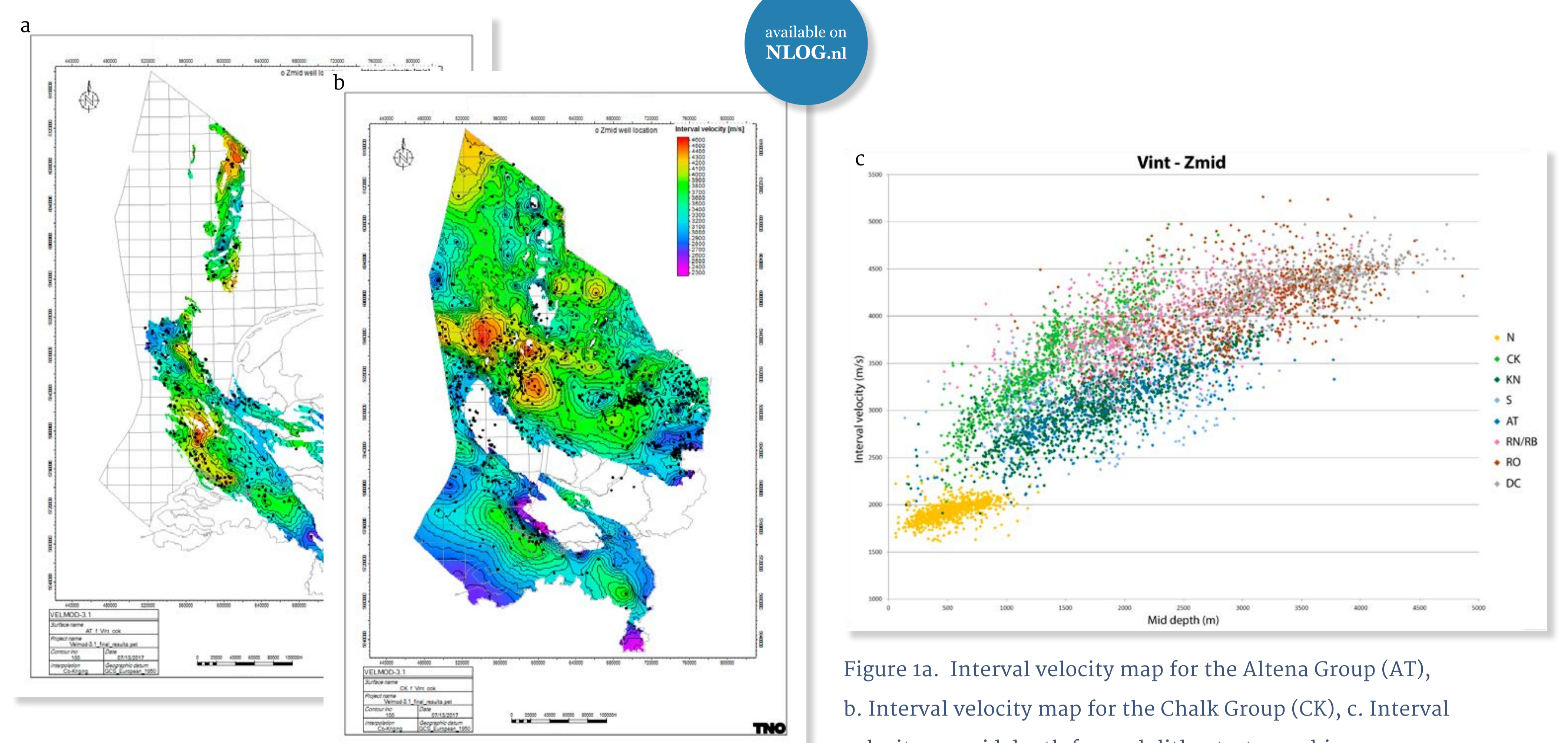


Figure 1a. Interval velocity map for the Altona Group (AT), b. Interval velocity map for the Chalk Group (CK), c. Interval velocity vs. mid depth for each lithostratigraphic group.

Southern Permian Basin atlas

A comprehensive overview based on data of more than 150 years of petroleum exploration and research. The atlas covers the entire Southern Permian Basin and addresses, among others, the:

- Geological evolution of hydrocarbon potential per stratigraphic interval
- Paleogeographic and tectonic evolution: framework of the principal stratigraphic intervals
- Petroleum generation, migration, trapping and production
- History of exploration and licensing
- Summary of resource assessments
- Other potential for the use and reuse of the deep subsurface such as gas storage and geothermal energy

The atlas was published in 2010 by TNO and is publicly available on www.NLOG.nl.



Figure 2a. Base Zechstein depth map, b. Reservoir facies distribution of the Lower Slochteren Formation.