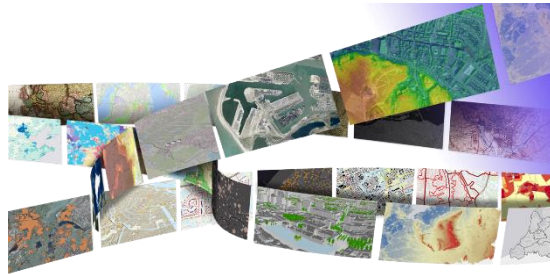
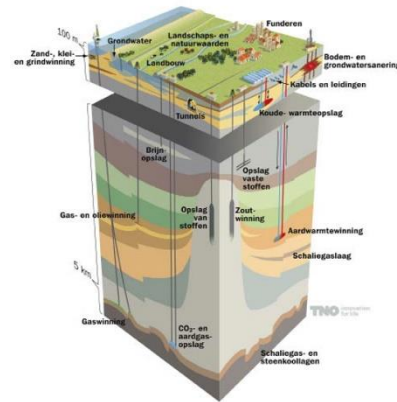


3D subsurface data in the Living Atlas

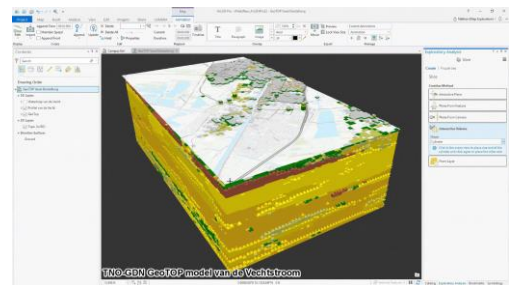
Context

The core registration subsurface (BasisRegistratie Ondergrond, BRO), is to be the central repository of subsurface survey data and models for the Netherlands. The Ministry of the Interior and Kingdom Relations (BZK) is overseeing the implementation of the BRO. In 2018 the BRO was formalized in legislation and the ambition is to have all parties that are responsible for sources of subsurface data connected to the BRO by the summer of 2019.



Over the last couple of years, Esri Netherlands has invested deeply in making nationwide ready to use content available for the various sectors in the ArcGIS community (<https://www.esri.nl/nl-producten/arcgis-content/home>) as part of the Living Atlas of the World. An important part of this process is to make the content available in information products that can directly be used by organizations in the day to day work.

With the BRO, new nationwide data sources are available that can be crafted into useful content and valuable information products for municipalities, waterboards, provinces and construction companies.



End products:

- An assessment of what contents within the BRO are valuable for different organizations,
- Advice on in what form this can and should be offered as content within the Living Atlas,
- **Inspirational 2D and 3D information products on BRO data using the ArcGIS Platform** (this can either be achieved through using the configurable apps in the ArcGIS Platform or by creating custom apps by using the ArcGIS API for JavaScript).

About Esri Nederland:

Esri is an international supplier of geographic information system software, web GIS and geodatabase management applications. The company is headquartered in Redlands, California. The company was founded as Environmental Systems Research Institute in 1969 as a land-use consulting firm. Esri Nederland aims to make users of geographic information successful in the Netherlands, with 2 offices (Rotterdam & Zwolle) and around 180 employees.

Location & Contact

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References:

Website BRO: <https://www.basisregistratieondergrond.nl/>

TNO Roadmap ondergrond: <https://www.tno.nl/nl/aandachtsgebieden/ecn-part-of-tno/roadmaps/naar-een-duurzaam-gebruik-van-de-ondergrond/>

Over Esri Nederland: <https://www.esri.nl/nl-nl/over-esri-nederland/wie-we-zijn>