

## Peter Oerlemans

IF Technology



### Education/studies

- MSc Hydrology and Geochemistry, Utrecht University, NL

### Details of current professional position

- Senior Hydrogeologist and HT-ATES expert, IF Technology, Arnhem
- Thermal modelling, feasibility studies, research on HT-ATES effects on subsurface, permit applications, well design, groundwater monitoring

### Details of current projects

- IF Technology is closely involved in various HT-ATES projects, through all parts of the development ladder (feasibility, permit, design, realization, exploitation).

### Details of projects carried out

- HEATSTORE and 'HTO-PEN': The design and realization of HT-ATES in Middenmeer was facilitated by HEATSTORE. Currently, the Dutch research program HTO-PEN allows research and optimization of this unique system.
- WarmingUP GOO: this Dutch research program aims to research feasibility for 3 HT-ATES pilots, 1 of which will be researched further with a test drilling.
- Various Medium Temperature (<50C) ATES projects in NL.
- Development of Assessment framework to streamline HT-ATES permit procedures, based on recent experiences.