

## Hans Hoes, CEO, Terra Energy nv



Hans Hoes received his master degree in electromechanical engineering in 1989. He gained experience in training, construction, design and maintenance of HVAC installations. In 1999, he joined VITO as an expert energy technology. He was active in research and consultancy regarding ground coupled heat pumps and underground thermal energy storage (UTES). With the performance of regional, national and international (EU, IEA) research programs on the UTES topic, he developed design instructions and application opportunities of this technology in Belgium. This led to the initiation and market introduction of aquifer thermal energy storage (ATES) and borehole thermal energy storage (BTES) in Flanders, currently a widespread renewable energy source for heating and cooling of medium to large buildings.

He was co-founder of Terra Energy in 2009, and is as managing director responsible for project acquisition and performance of research projects regarding shallow geothermal projects. He is also affiliated to the University College Leuven-Limburg as lecturer in energy technology.