



Hi all! I am Ilham, a Ph.D. Researcher at TU Delft. Currently, I am active in the WarmingUP Theme 1. I am developing a novel future-proof control strategy for large-scale district heating systems (DHS). The proposed strategy is expected to optimize the operations of DHS, as well as, making the DHS more robust to the operations uncertainties.

Ilham Naharudinsyah

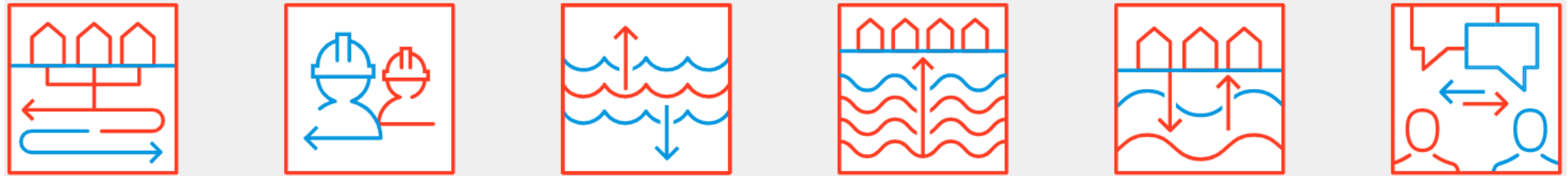


Hello! I'm Maria Carrizo, a PhD student at Delft University of Technology (TU Delft). I've joined the WarmingUP team to research techniques to monitor groundwater using seismic and electromagnetic geophysical methods. The goal is to provide information that can be useful in the evaluation of heat storage in the subsurface, included in Thema 4.

Maria Carrizo Mascarell

I am working in WarmingUP theme 4B as a PhD student at Utrecht University. The focus of my research is on induced seismicity related to geothermal energy production in the Netherlands. By developing predictive models for stress changes in the subsurface, the aim is to improve our understanding of potential seismic hazards and ensure a license to operate for geothermal energy production.

Arjan Marelis



1. Smart DHN

2. DHN construction

3. Aquathermal energy

4. Geothermal energy

5. HT-ATES

6. Societal integration



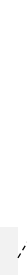
Terry van Bunder

Hi! I'm Terry, a PDEng trainee at Eindhoven University of Technology (TU/e). In WarmingUP theme 3 I am investigating the technical potential of aquathermal energy in the pilot with Efteling. I hope to investigate the ecological effects on the pond and include water quality parameters. This may help optimize the system and benefit the water quality simultaneously.



Stijn Beernink

My name is Stijn Beernink and since October 2020 I started a PhD with the section of geo-engineering at the TU Delft. My research is part of WarmingUP theme 5 and focusses on the performance and impact of HT-ATES systems. My research is strongly linked to the development of several HT-ATES pilots in this theme and I try to find generic insights and methods that foster the sustainable development of these systems.



Sara Herreras



I am Sara Herreras, a PhD fellow of the University of Utrecht. My work is being embedded within theme 6C and I look at the decision-making process at municipal level during heat planning and implementation. In the past months I have carried out interviews with 28 municipalities to better understand the technical and social challenges that are being dealt by local authorities. My goal is to translate the insights I gained in the past period into policy actions and useful instruments that can facilitate the local decision-making in the next years.

