



Marc Lüdcke | Consultant

Heating concepts – Large-scale heat storage – Modelling

Marc Lüdcke supports Hamburg Institut especially in the field of district heating and energy systems. His areas of focus include large-scale heat storage, projects on the coupling of sectors, the development of heating concepts, and model-based energy system analyses.

During his bachelor's and master's studies, Marc Lüdcke was already working as a tutor and research assistant in several areas. Parallel to his studies in energy technology with a focus on energy systems at the Technical University of Hamburg, he worked as a student trainee at Hamburg Institut and also wrote his master's thesis on the topic of "Seasonal Heat Storage in Earth Basin Storage" in cooperation with us.

Consultancy and research focus

- Large-scale heat storage
- Sustainable heat supply
- Model-based energy system analysis

Qualification and career

Since 2023	Consultant at Hamburg Institut
2022 – 2023	Working student at Hamburg Institut
2019 – 2023	M.Sc. Energy Technology , focus on energy systems, Technische Universität Hamburg
2021 – 2022	Tutor Robotics/Computer Science, Technische Universität Hamburg, teacher for Python in school classes
2019 – 2021	Research assistant Energy Technology, Technische Universität Hamburg
2017 – 2019	Tutor Design Engineering, Technische Universität Hamburg
2014 – 2019	B.Sc. General Engineering , focus Mechanical Engineering/ Energy Technology, Technische Universität Hamburg