Felix Landsberg | Senior Consultant

Heat planning – Integrated energy systems - Sector coupling

Felix Landsberg works at Hamburg Institut, particularly in the area of heat planning, develops municipal climate protection scenarios and concepts and deals with integrated energy systems and sector coupling in the heat and electricity market. His diverse activities range from technical and economic analyses and simulation-based optimisation of energy concepts and scenarios to the preparation of action plans for political decision-making and upstream communication work. Felix Landsberg was also involved in the development of our scenario tool for municipal climate scenarios TOLIX.

The studied energy expert likes to think through both technical and political projects from start to finish and addresses technical and communicative bottlenecks in the project process at an early stage. His experience and practical knowledge along the entire chain of project stages help him in this.

In addition to advising clients and customers of Hamburg Institut, Felix Landsberg is also involved in the SolnetPlus research project of the climate protection initiative of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety. Here, Hamburg Institut, together with other project partners, is investigating solar heating networks and their potential in conjunction with recommendations for action for central market players.

Prior to his time at Hamburg Institut, Felix Landsberg was able to gain practical experience during an internship abroad in the field of wind power in Greece. He also worked as a student trainee in the areas of ground-mounted PV and wind, where he dealt with project development in Germany and project management for international PV and wind plants.

Consultancy and research focus

- Heat planning
- Climate protection scenarios and concepts
- Sector coupling heat/electricity (market) - Optimisation models
- Neighbourhood concepts

Qualification and career

Since 2020	**Consultant and project manager** at Hamburg Institut
2017 – 2020	**M.Sc. Renewable Energies**, Hamburg University of Technology
2019 – 2020	**Working student** in the field of project management for wind power and PV worldwide, WiNRG GmbH
2017 – 2019	**Working student** and **intern** in the field of project development for wind power and Photovoltaics, Beaufort 9 GmbH
2012 – 2017	**B.Sc. Energy and Environmental technology**, Hamburg Uniersity of Technology
2016	**Internship abroad** for maintenance and remote monitoring of wind turbines, Zephiros Ltd, Greece
2013 – 2014	**Working student** in the field of energy data management, Stadtwerke Wedel GmbH

Projects (selection)

2023 - 2024 **Kommunale Wärmeplanung Stadt Neustadt in Holstein** Partner: PlanEnergi Client: Stadtwerke Neustadt	2023 - 2024 **Kommunale Wärme- und Kälteplanung Norderstedt** Partner: PlanEnergi Client: Stadtwerke Norderstedt
Seit 2023 **Vorreiterkonzept Klimaschutz Osnabrück** Client: Stadt Osnabrück	2023 **Räumliche Erfassung von Abwärmepotenzialen** Client: BUKEA Hamburg
2022 - 2023 **Klimaneutrale Spitzenlast und Besicherungsleistung** Client: Badenova	2022 - 2023 **Landeswärmegesetz Bremen**, Untersuchung wirtschaftlicher und ökologischer Auswirkungen auf Grundlage der Vorschläge der Enquetekommission „Klimaschutzstrategie für das Land Bremen“ Client: Freie Hansestadt Bremen
2021 - 2024 **Forschungsprojekt SolnetPlus** - Solare Wärmenetze als eine Lösung für den kommunalen Klimaschutz Client: funded by BMWK / NKI	2021 - 2024 **RES-DHC**: Internationales Projekt zur Integration erneuerbarer Energien in Wärme- und Kältenetze Client: funded by the EU's Horizon 2020 research and innovation project
2021 - 2023 **Energetische Quartiersentwicklung** Client: Behörde für Stadtentwicklung und Wohnen (BSW)	2021 **Analyse zur CO2-neutralen Wärmeversorgung und politisch-rechtlicher Handlungsoptionen im Land Bremen** Client: Bremische Bürgerschaft (Enquetekommission)