



## Justus Börms | Consultant

Heat planning – Transformation plans – Municipal climate protection

Justus Börms particularly works in the areas of heat planning and municipal climate protection. He carries out project-specific work for our customers and clients and creates scenarios for their climate strategies. The engineer also creates transformation plans and works with geographic information systems (GIS).

Justus Börms brings practical experience from his work as a research assistant and student trainee. At the Competence Center for Renewable Energies and Energy Efficiency in Hamburg, he worked, among other things, on a sub-project of the IW<sup>3</sup> real laboratory funded by the Federal Ministry of Economics and Technology in the area of heat demand forecasts. [Hamburg Institut is also part of the consortium of the IW<sup>3</sup> project](#) and in this context has set up the first register of guarantees of origin for renewable heat in Germany.

### Consultancy and research focus

- Heat planning
- Transformation plans and feasibility studies
- Municipal climate protection scenarios
- Geoinformation systems

### Qualification and career

Since 2023	<b>Consultant</b> at Hamburg Institut
2021 – 2023	<b>M.Sc. Sustainable Energy Systems in Mechanical Engineering</b> , Hochschule für angewandte Wissenschaften (HAW) Hamburg
2021 – 2023	<b>Research assistant</b> , Competence Center for renewable energies and energy efficiency, Hamburg
2021 – 2022	<b>Working student</b> , Global Tech One Offshore Wind GmbH, Hamburg
2019 – 2020	<b>Working student and Intern</b> , Arctos Industriekälte AG, Sörup
2017 – 2021	<b>B.Eng. Mechanical Engineering</b> , Hochschule Flensburg
2014 – 2017	<b>Apprenticeship</b> as a ship mechanic, Hapag-Lloyd AG

**Projects (selection)**

<p>2024  Machbarkeitsstudie <a href="#">Wärmenetz Neuenbrook</a>  <u>Client:</u> Gemeinde Neuenbrook</p>	<p>2023 - 2024  <a href="#">Kommunale Wärme- und Kälteplanung Norderstedt</a>  <u>Partner:</u> PlanEnerg  <u>Client:</u> Stadtwerke Norderstedt</p>
<p>2023 - 2024  <a href="#">Szenarien Klimaplan 2035</a> für die Region Hannover  <u>Client:</u> Region Hannover</p>	<p>2023 - 2024  <a href="#">Vorreiterkonzept Klimaschutz</a> für die Stadt Osnabrück  <u>Client:</u> Stadt Osnabrück</p>
<p>Seit 2023  <a href="#">SysGF: Systemische Analyse von Großwärmespeichern in der Fernwärme</a>  <u>Partner:</u> TU Berlin, AGFW  <u>Client:</u> Bundesministerium für Wirtschaft und Klimaschutz (BMWK)</p>	