

Geoinformatics & Earth Observation Research Group

Aalborg University · Dept. of Sustainability and Planning | Active DUT partner — PRISE project, Positive Energy Districts (PED)



AALBORG
UNIVERSITY

1 Group Profile

- GISc, Remote Sensing, Spatial Data Infrastructure, Spatial Decision Support Systems, Citizen Science & AI
- Interdisciplinary focus on urban environments, climate change, and sustainable development
- Track record spanning geocomputation, decision-making, and ecosystem/urban case studies

2 Flagship PED Project

- [PRISE](#) (Positive eneRgy dIstrict Step ahEad) — funded DUT Partnership project, 2026–2028
- AAU is a funded partner in a 9-partner consortium spanning 8 countries
- Building a scalable framework integrating PEDs into city-wide heating, cooling & decarbonisation strategies
- Our group co-develops the project's spatial decision support tool

3 What We Bring

- Extensive, hands-on GIS analysis expertise across multi-scale urban and environmental data
- Proven capability building spatial decision support tools from research to deployment
- Can bring local private and public partners interested in PED; [Green Hub Denmark](#), [Port of Aalborg](#), [Vesthimmerland Municipality](#)
- Active experience in large, multi-country Horizon Europe consortia

SATELLITE IMAGERY (ORTHO-RECTIFIED) URBAN SURFACE TEMPERATURE AIR QUALITY INDEX MOBILITY NETWORK PATTERNS URBAN LAND USE ZONING BUILT ENVIRONMENT FORM TOPOGRAPHY / TERRAIN CONTOURS



We are open to new PED collaborations and DUT Call 2026 consortia

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