

The Network

The 3N network is the Lower Saxony communication platform for renewable raw materials and bioeconomy in the non-food sector. 3N networks various actors from the region and beyond the borders of Lower Saxony and pursues exclusively non-profit purposes.

The founding members

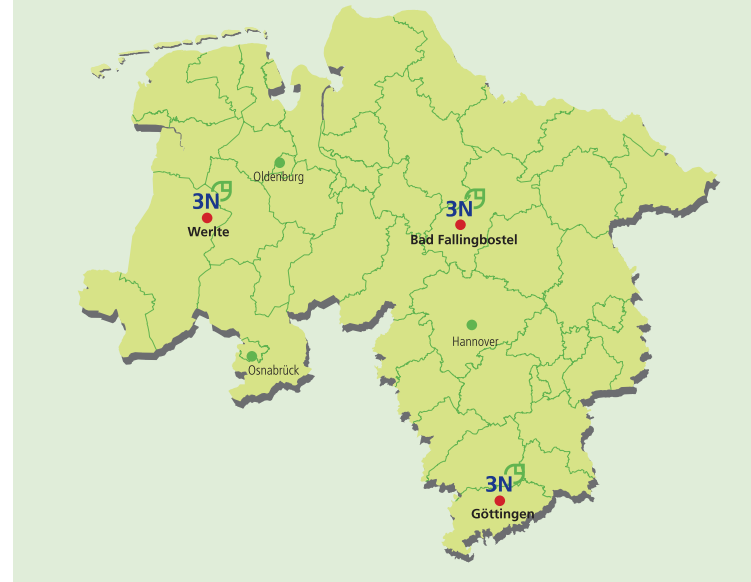


Further members and sponsors



How to find us

Look at our website www.3-n.info for exact travel directions.



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Lower Saxony Network for Renewable Resources and Bioeconomy e.V.

3N Centre of Experts

RAW MATERIALS | PROCESSING | TECHNOLOGY | UTILISATION





The **Lower Saxony Network for Renewable Resources and Bioeconomy** supports the implementation of bio-based products and innovative process chains. It aims to enhance resource efficiency, environmental and climate protection, along with sustainable farming methods.

Climate protection, climate change and a globally increasing consumption of raw materials and energy are challenges of our time. However, they are also an opportunity for solutions by our region. The integration of bioenergy as a component of a renewable energy system supports the energy transition. It offers added value for agriculture and forestry, trade and industry. This also applies for the use of biomass as a material, such as the use of ecological building and insulation materials, degradable packaging, natural binders and paints.

Renewable resources and organic residual biomass can make an important contribution to climate protection and a sustainable circular economy as they constantly renew themselves, or are a byproduct. They are naturally CO₂ neutral.

We focus on

Sustainability

- the value chain from raw material to final product
- new energy crops / paludicultures
- resource efficiency

Climate protection

- building and insulating materials from renewable raw materials / material use of timber
- decentralised energy supply / efficient heat and power use
- bioenergy systems

Innovation

- new materials / composites / bionics
- innovative processes / biorefining / cascading systems
- biopolymers / 3D printing

Communication

- information / advisory service / knowledge transfer
- trade fairs, events, special drives/excursions
- Lower Saxony marketing fund (Landesmarketingfonds Holz)

For more information, projects and references see www.3-n.info.

- bioenergies • processing nutrients •
- solid fuels • material use of wood •
- biopolymers • fibre composites • 3D printing •
- renewable energy technologies •

We promote

national and international scientific exchange between companies and research institutes, also pairing them up. Founded in 2006, the centre works on regional, state, national and European projects and initiatives.

3N is engaged in:

- Competence centre paludiculture
- INTERREG projects, e.g.
 - EMPHATI, ReNu2Cycle, BIOZE
- national fundings, e.g.
 - Nährwert (FNR), NaPaLu (FNR)
 - model and demonstration projects
- state projects
 - flowering plant monitoring
 - KlimaFarming
 - NaProBio, PaludiFarming
- advertising the Lower Saxony timber building prize every 2 years

In the **Werlte Climate Centre** reference projects for using ecological building and insulating materials, innovative energy technology and a bioeconomy exhibition are presented.

We offer special information days and workshops for schools.

Initiators and sponsors of the Climate Centre:

