

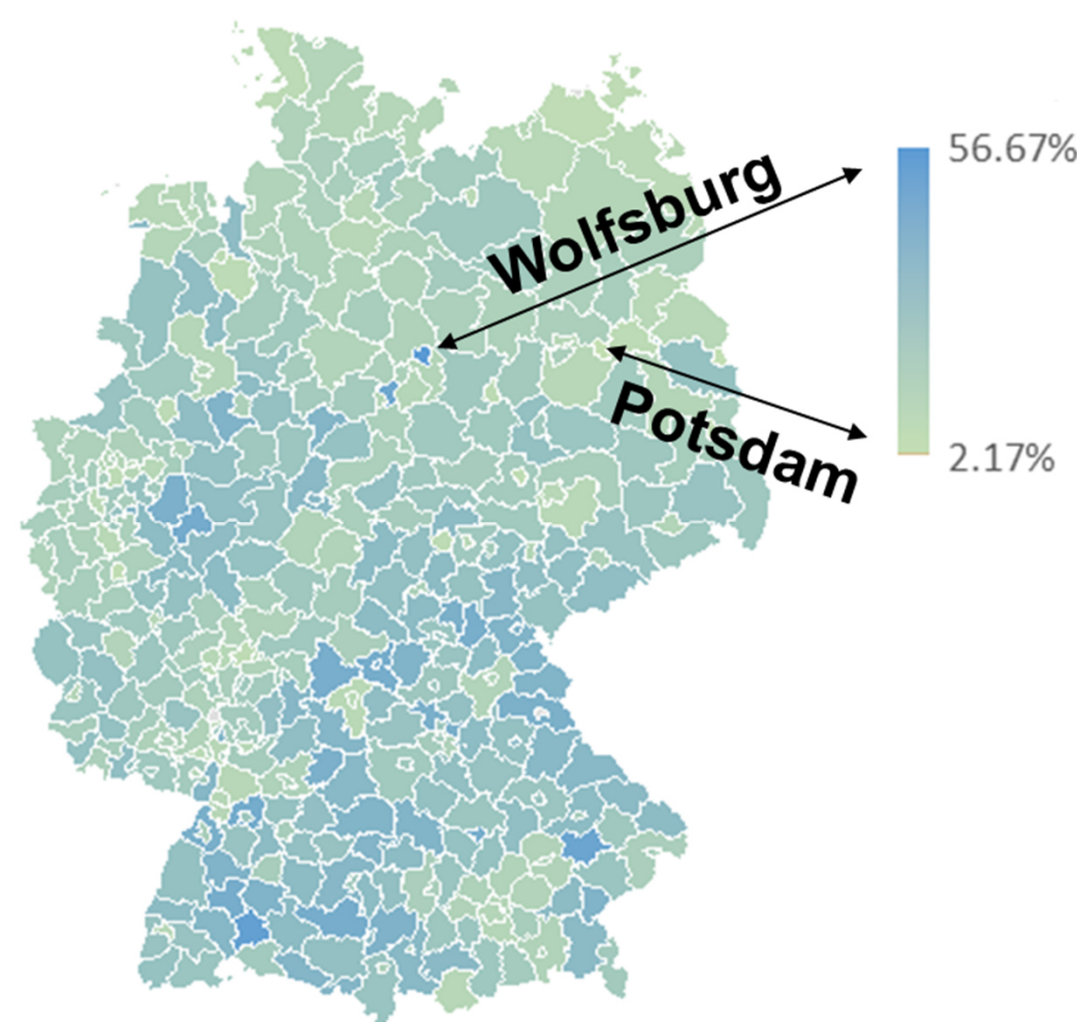


## What We Do & Why It Matters

We combine a synthetic population with a **multi-regional input-output (MRIO) model** to assess the impacts of decarbonisation in Germany at the regional scale (NUTS 3 level). Standardised scenario analyses ensure the systematic transfer of scientific insights into municipal practice through a participatory and transdisciplinary approach.

## Diverse Economic Structure across the 400 German districts

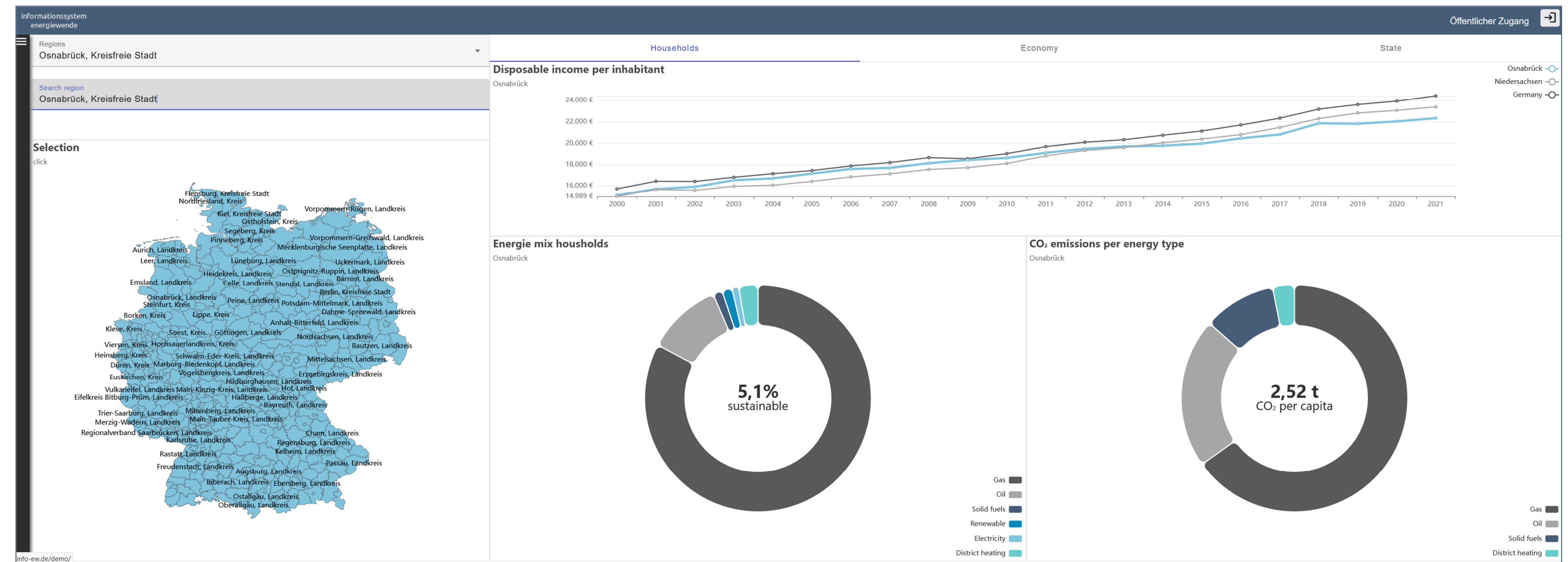
Example: Share of manufacturing industry (employees)



## RIMES – A New Regional MRIO-Model

- Enables district-level analysis of economic structures and interdependencies across Germany.
- Maps interregional trade and sectoral connections using a unique gravity trade model.
- Supports future-oriented scenario analysis by linking with dynamic GWS-models.
- Assesses the regional impacts of structural change, such as decarbonisation policies, e.g. heat transition.

## Overview Current State for Households, Economy and State



## Scenario Dashboard: Heat Transition as Example

