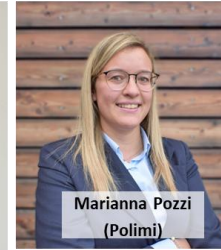


# Who we are

An international and interuniversity team with different backgrounds, led by the [RELAB group](#)



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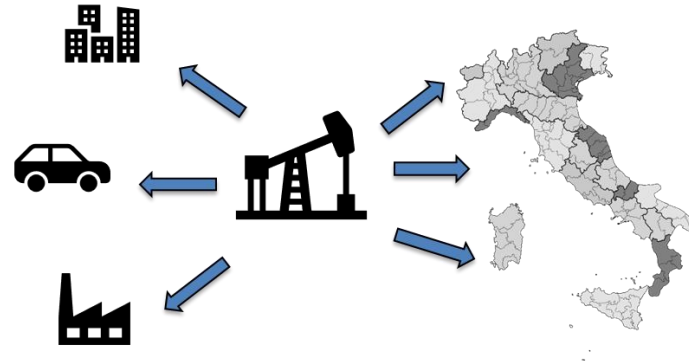


# What we do

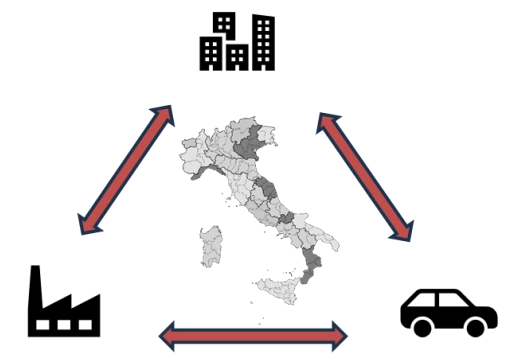
We develop **energy system models** and perform **system analyses** to explore the:

- **evolution** of the system towards the net zero
- **operation** of the system towards the net zero
- possible **interactions** between different sectors
- possible **role of technologies** within the transition
- provision of **flexibility** into the power system

## Resource competition between sectors and between territories

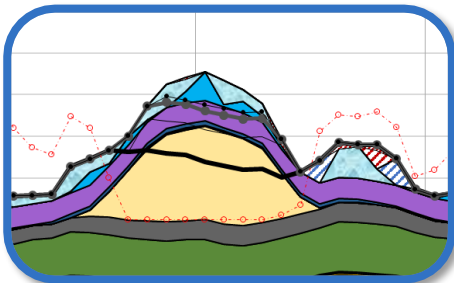


## Sinergies between sectors and between territories

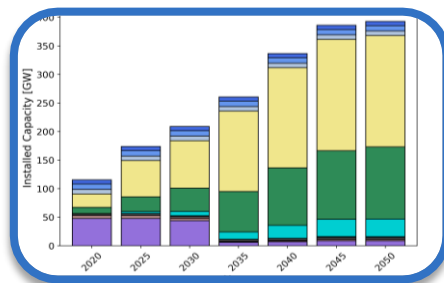


# Our Tools

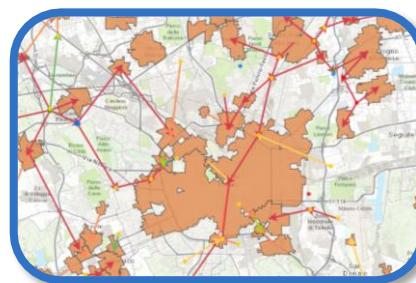
Snapshot hourly behaviour of the energy system at national level



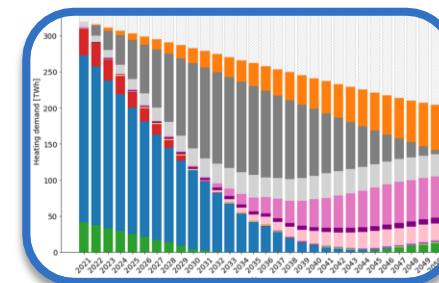
Transition of conversion technologies and infrastructures at national level



Spatially detailed infrastructure development at national level



Spatially detailed transition of H&C technologies at national level



Spatially and temporally detailed behaviour of local energy systems

