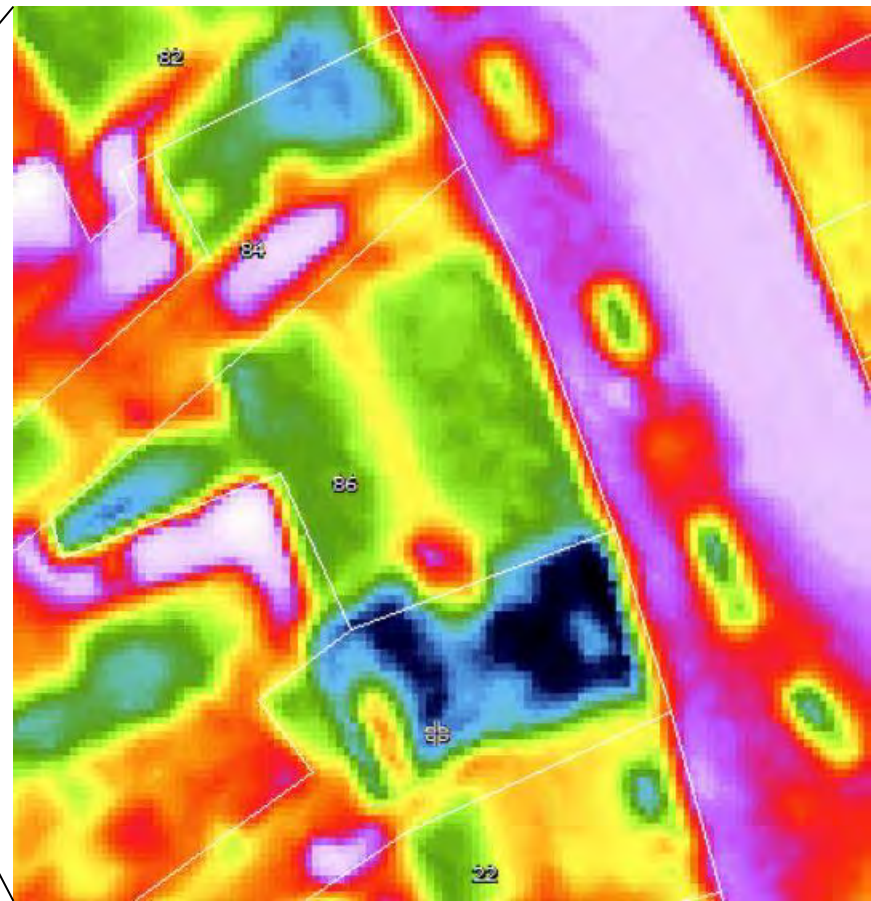
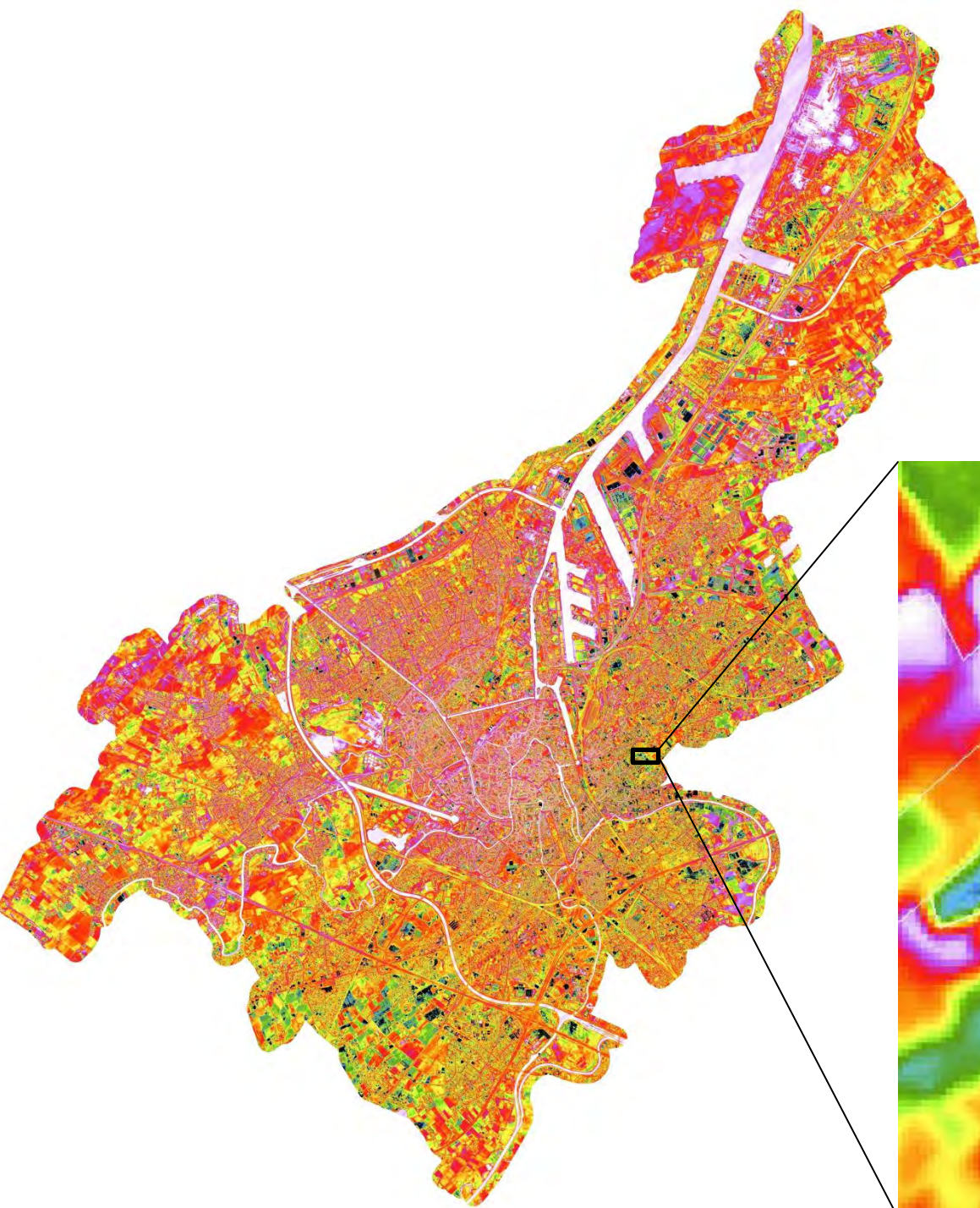
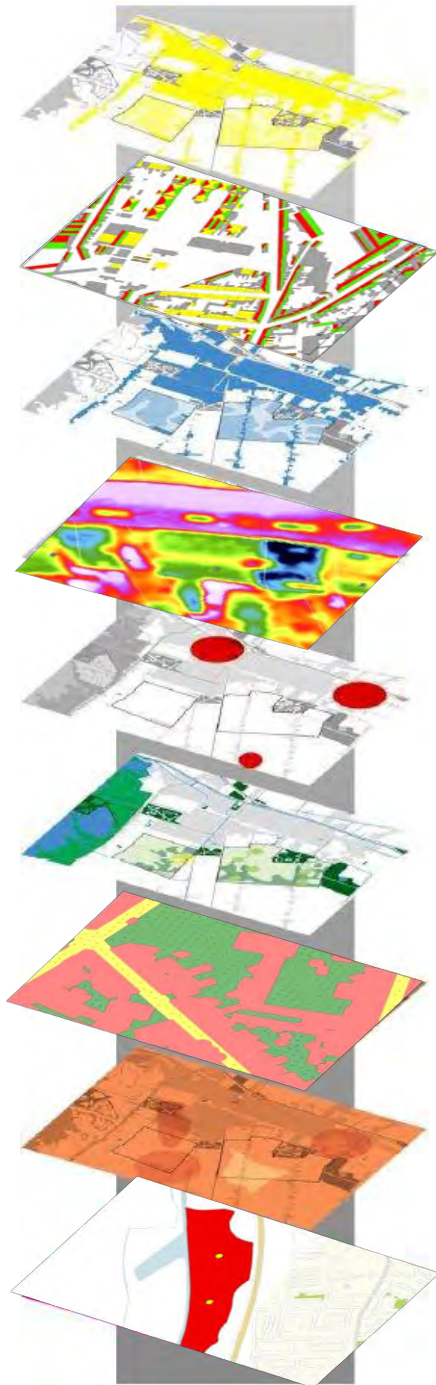


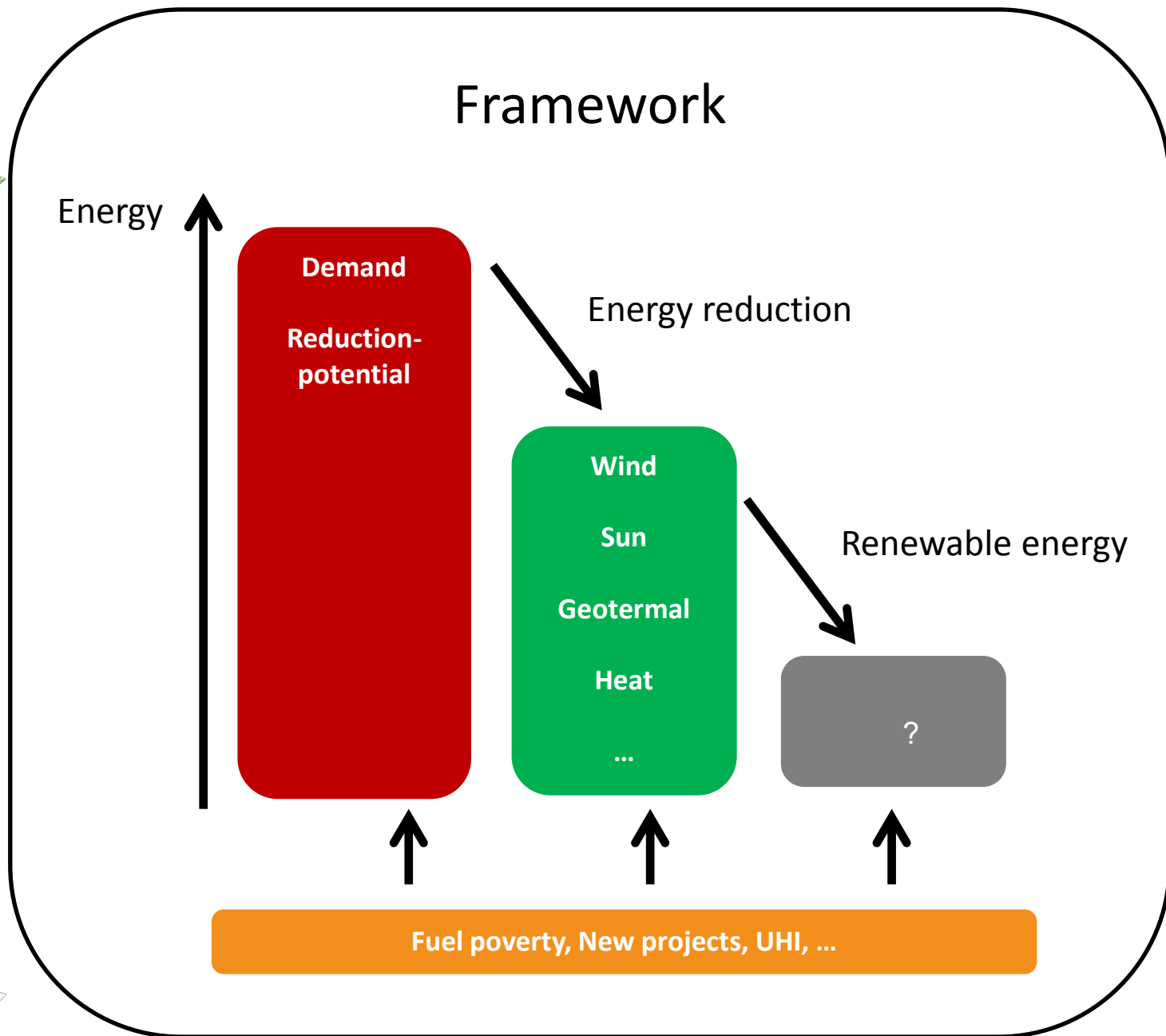
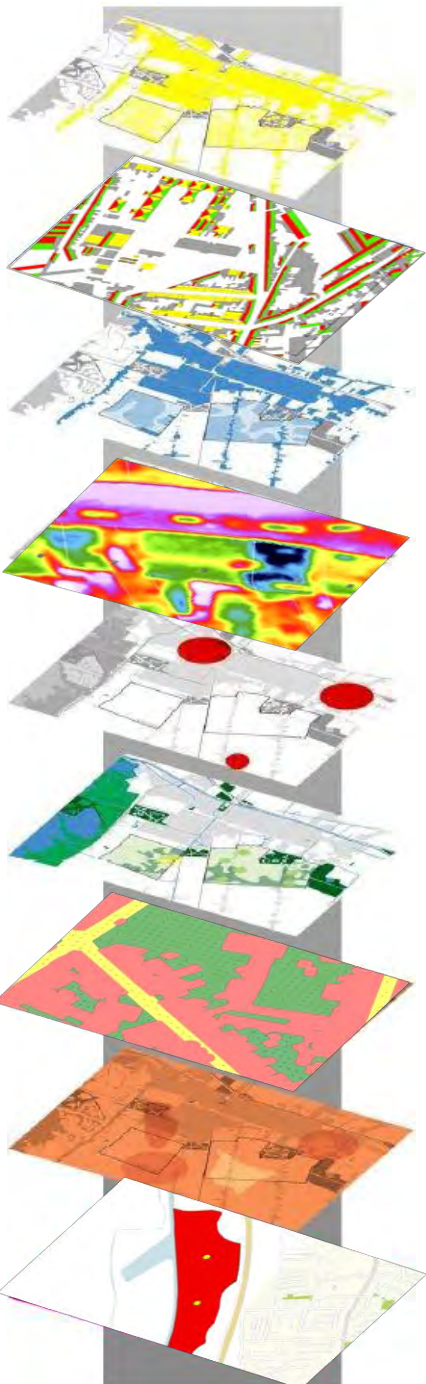
Energy maps

Ghent





- Geo-view on energy
- Detecting potentials linked on locations
- Most interesting energy supply for projects, dwellings, ...
- Inspiring citizens and developers
- Supporting decision making



Demand

Reduction-
potential

Wind

Sun

Geothermal

Heat

...

Fuel poverty

New projects

UHI

...

Demand (residential)



Demand

Reduction-
potential

Wind

Sun

Geothermal

Heat

...

Fuel poverty

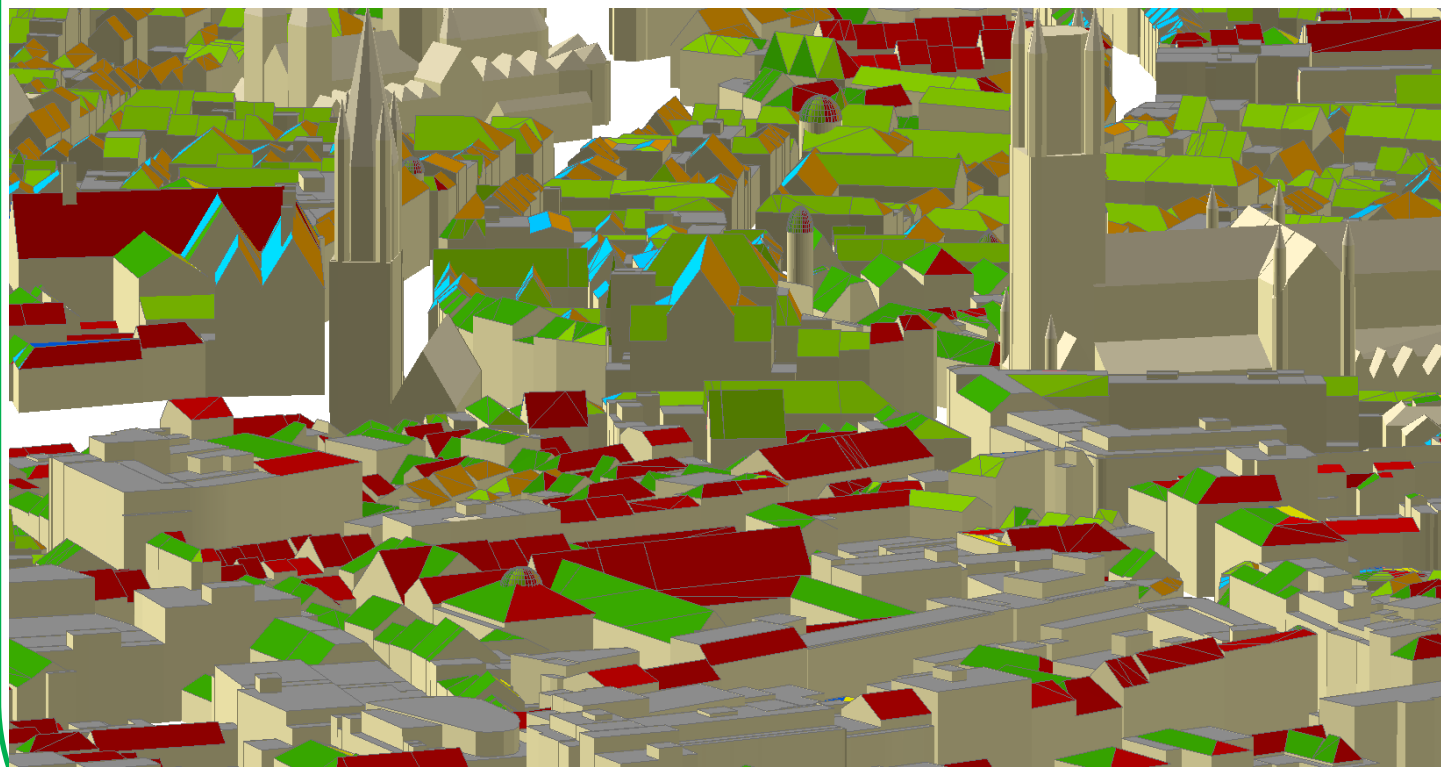
New projects

UHI

...

Renewable energy: Sun

Output detail 3D



Demand

Reduction-
potential

Wind

Sun

Geothermal

Heat

...

Fuel poverty

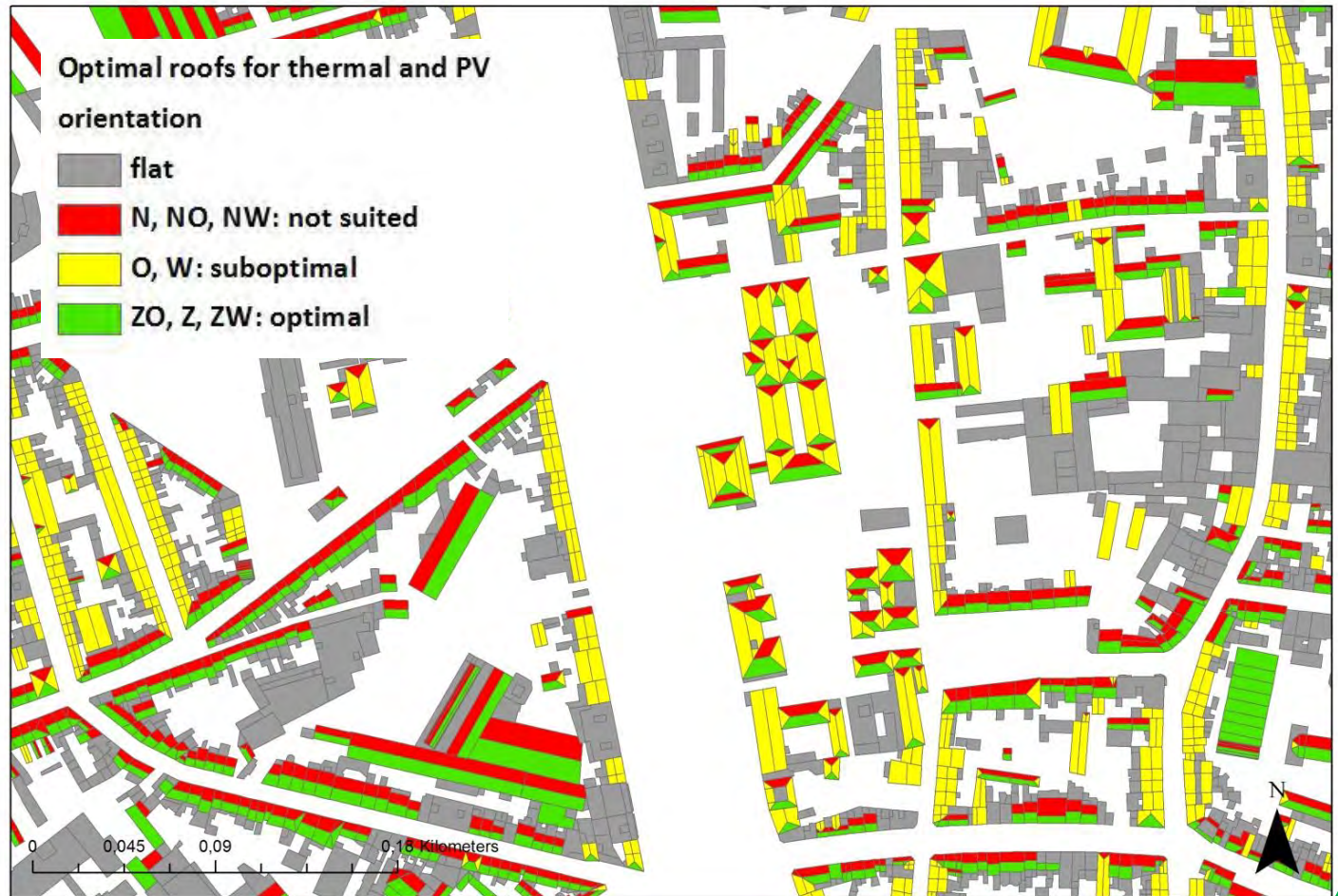
New projects

UHI

...

Renewable energy: Sun

Output detail 2D



Demand

**Reduction-
potential**

Wind

Sun

Geothermal

Heat

...

Fuel poverty

New projects

UHI

...

Renewable energy: Geothermal

Borehole Thermal Energy Storage



Demand

**Reduction-
potential**

Wind

Sun

Geothermal

Heat

...

Fuel poverty

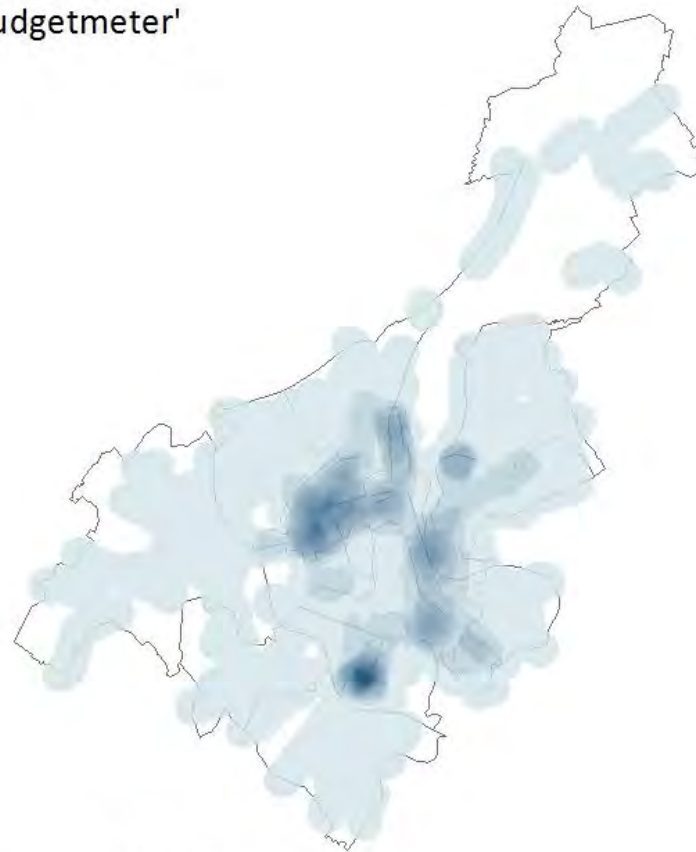
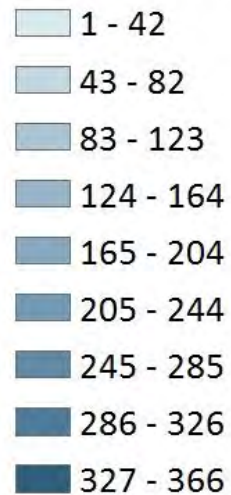
New projects

UHI

...

Fuel poverty

Concentration 'budgetmeter'



0 2,5 5 10 Kilometers



Demand

**Reduction-
potential**

Wind

Sun

Geothermal

Heat

...

Fuel poverty

New projects

UHI

...

Next steps

- Defining reduction potential
 - User profiles
 - Netto floor surface
 - Potential for 'authentic houses'
- Heat
 - Mapping waste energy (Sustainable harbours)
 - Mapping need for district heating
 - Possibilities of thermal energy from waste water
- ...

And bring maps together in a user-friendly, updated application for different user groups (citizens, developers, companies, city administration, ...)