



IRIS
smart cities

Europese Fondsen voor lokale opgaven H2020 IRIS Smart Cities

**Roel Massink (r.massink@utrecht.nl)
Gemeente Utrecht**

Ontwikkeling en Management Europese projecten

24 juni 2021, Succes met Europa!



Onze opgave: Energietransitie

z.s.m. naar een
“klimaatneutrale” stad



Scholierenprotest tegen de klimaatverandering, eind mei NOS/MARTIN VAN DER ZANDE



Onze ambitie:



- PV-systems: 20% of alle daken (2025)
- EV-laadpunten: 5,000 (2025) & 10,000 (2030)
- EV's: 25,000 (2025) en 55,000 (2030)
- Duurzame stadsverwarming (2030)
- 40 000 woningen van het gas (2030)



WE **DRIVE** SOLAR

IRIS Mission: Making urban environments **better places for citizens** and the **planet**

Smart Cities & Communities
Lighthouse project

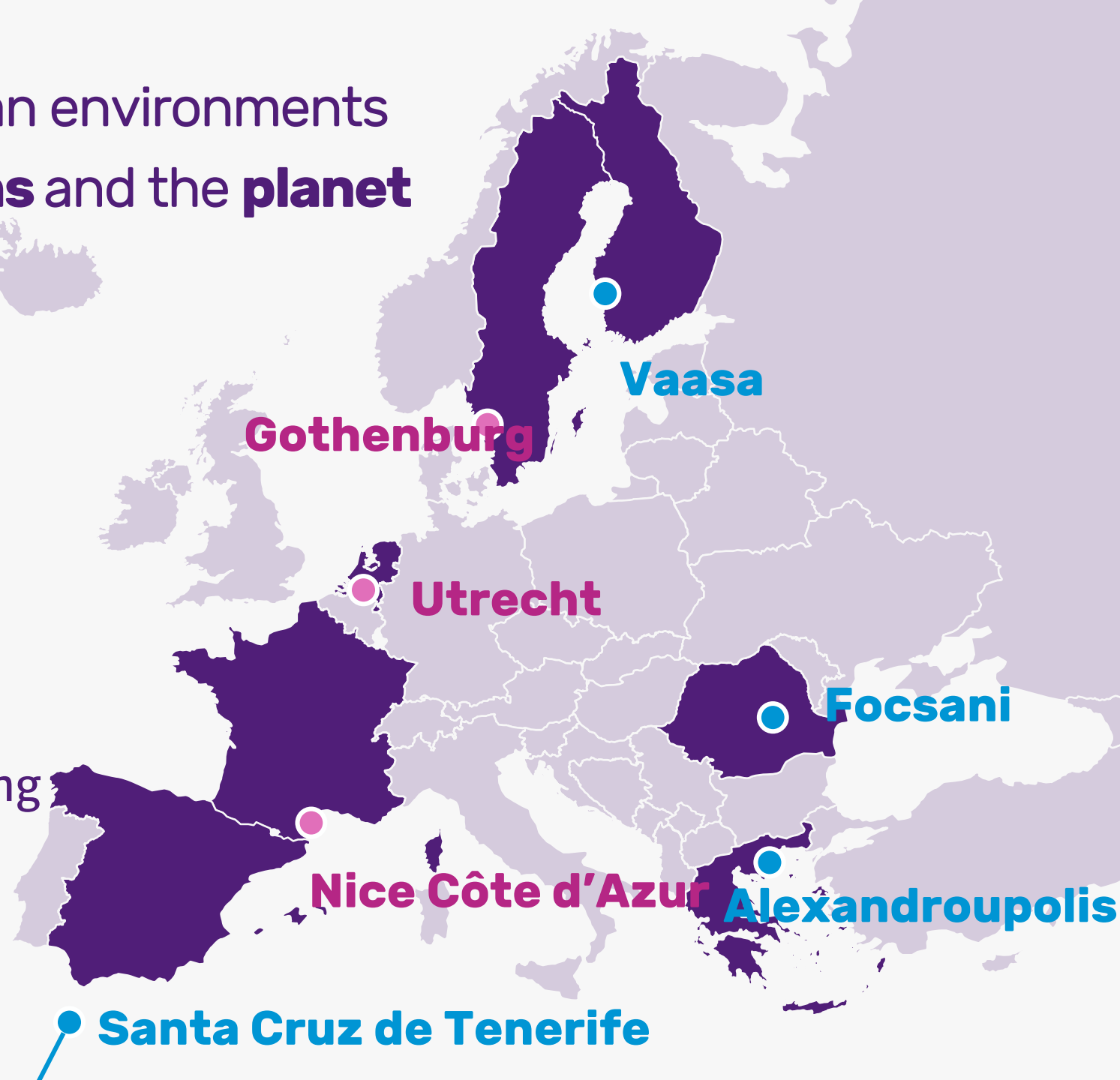
Type: Innovation Action

Budget: 20,8 million euro

Partners: 44 partners

Gemeente Utrecht: penvoering

Duur: Okt 2017 – Sep 2022



Transition track #1:

Renewables and energy positive districts



Positive energy buildings



Near zero energy districts



Symbiotic waste heat

Transition track #2:

Flexible energy management and storage



Flexible electricity grids



Multi-sourced district heating



2nd life batteries

Transition track #3:

Intelligent mobility solutions



Vehicle-to-grid and smart solar charging



Innovative mobility services

Transition track #4:

Digital transformation and services



Urban monitoring



City management and planning



Mobility services



Energy management

Transition track #5:

Citizen engagement & co-creation



Changing everyday energy use



Participatory city modeling



Living Labs



Behaviour changing information

Utrechtse partners



LomboXnet



Qbuzz

STEDIN.NET

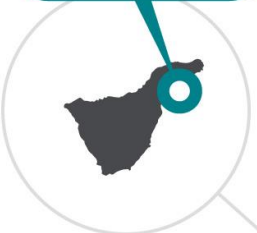


Video IRIS Utrecht Lighthouse

[https://www.youtube.com/
watch?v=UioP_adPhso&t=36
s](https://www.youtube.com/watch?v=UioP_adPhso&t=36s)



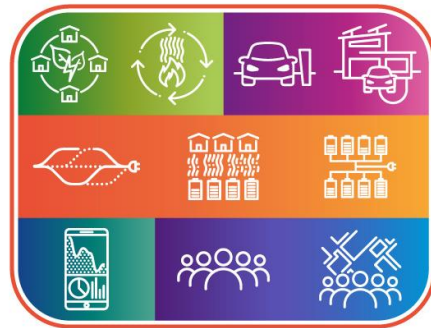
SANTA CRUZ
DE TENERIFE



GOTHENBURG



UTRECHT



NICE



VAASA



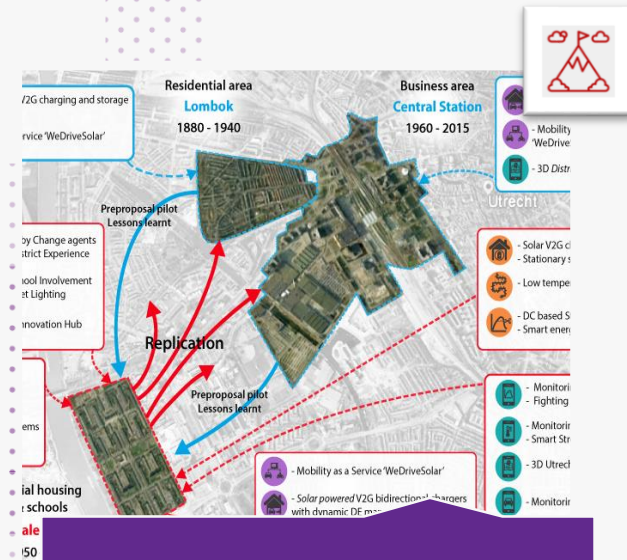
FOCSANI



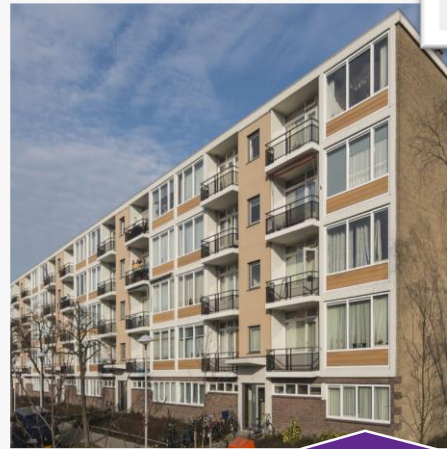
ALEXANDROUPOLIS



Resultaten voor onze gemeente



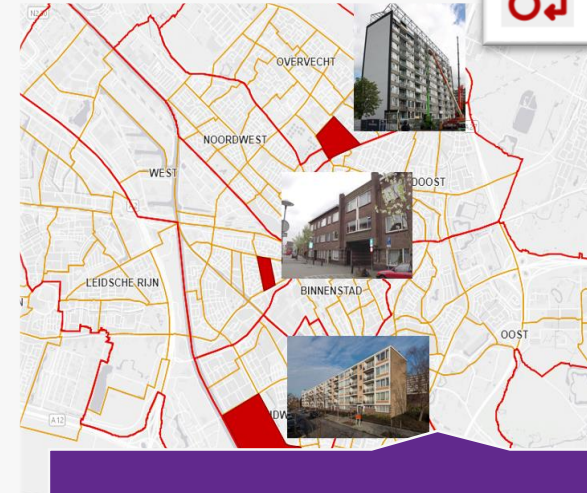
Ambition



Learning



Solutions



Scale



FOLLOW OUR STORY
@IRISsmartcities
irissmartcities.eu

Roel Massink
r.massink@utrecht.nl
www.utrecht.nl
Gemeente Utrecht
Ontwikkelorganisatie Ruimte