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City of Lund

SUSTAINABLE URBAN DISTRICT RENEWAL

Sustainable urban district renewal and energy efficiency retrofitting in Linero (Lund, Sweden)





Founded 990 AD

120 000 inhabitants

Growing population: +40% since 1990

University >40 000 students

Target: -50% CO₂-eq 1990-2020

Linero before measures



Linero today





History

Architect: Sten Samuelssons

Vision of "The white city"

Built 1969-1972

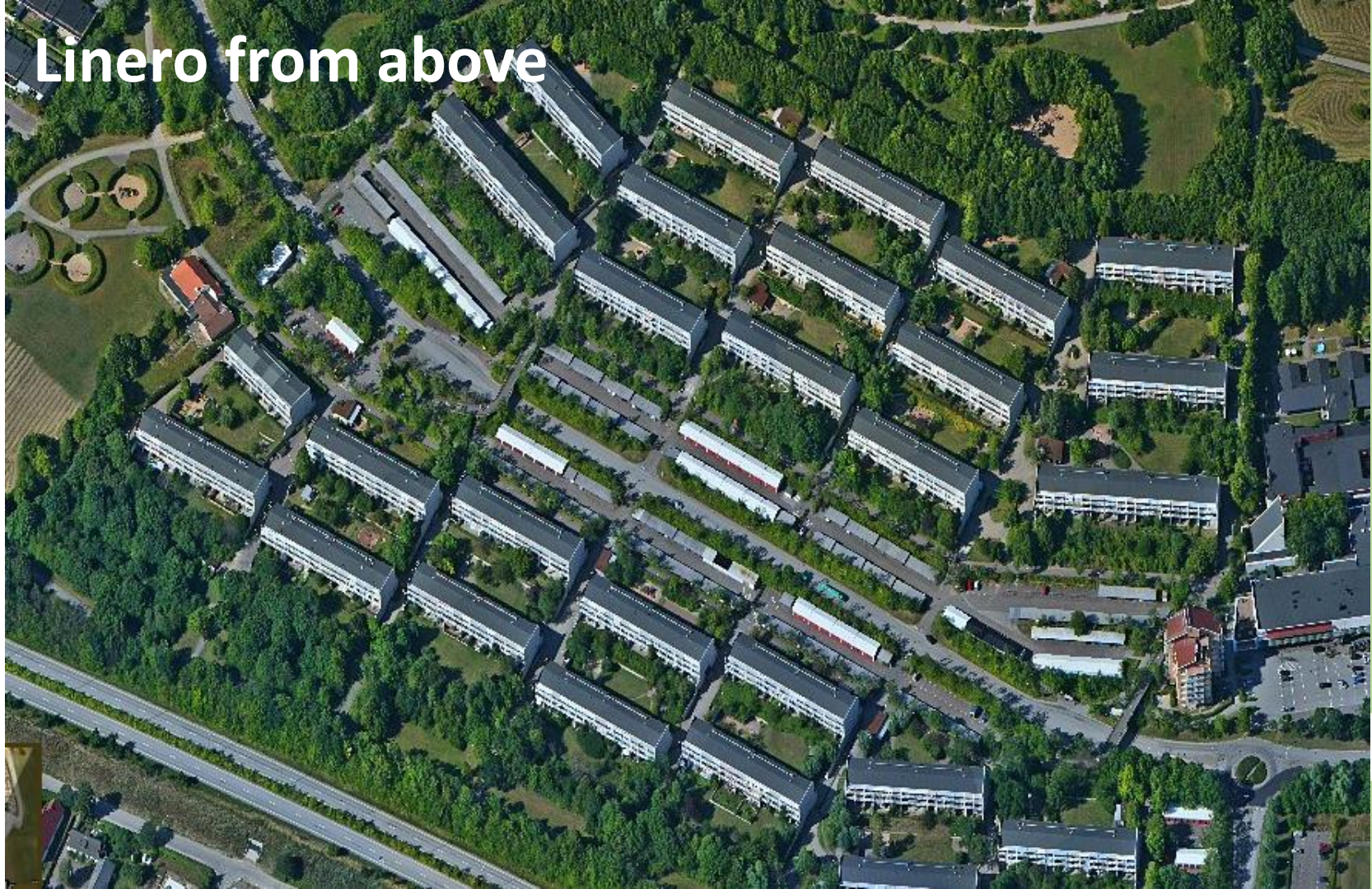
28 almost identical buildings (681 apartments)

Very standardised

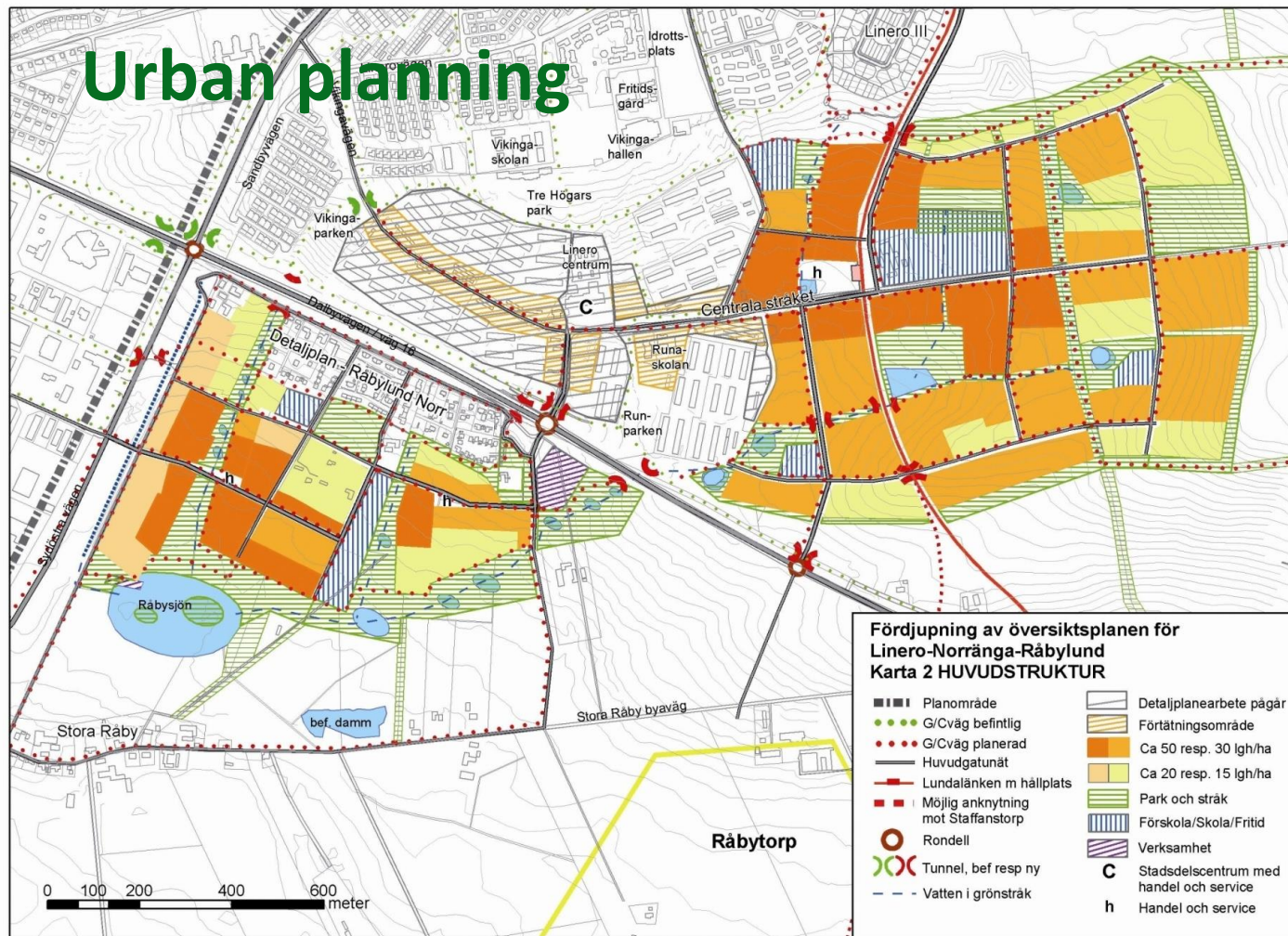
55% of the ground was paved

Ca 8% of LKFs housing stock

Linero from above



Urban planning



VISION

Linero - the GREEN city





Example of measures in Linero

Densification with passive houses

New centre, new shops and
premises

New parking, better roads and bike
paths

Outdoor environment and parks

Fixa Till

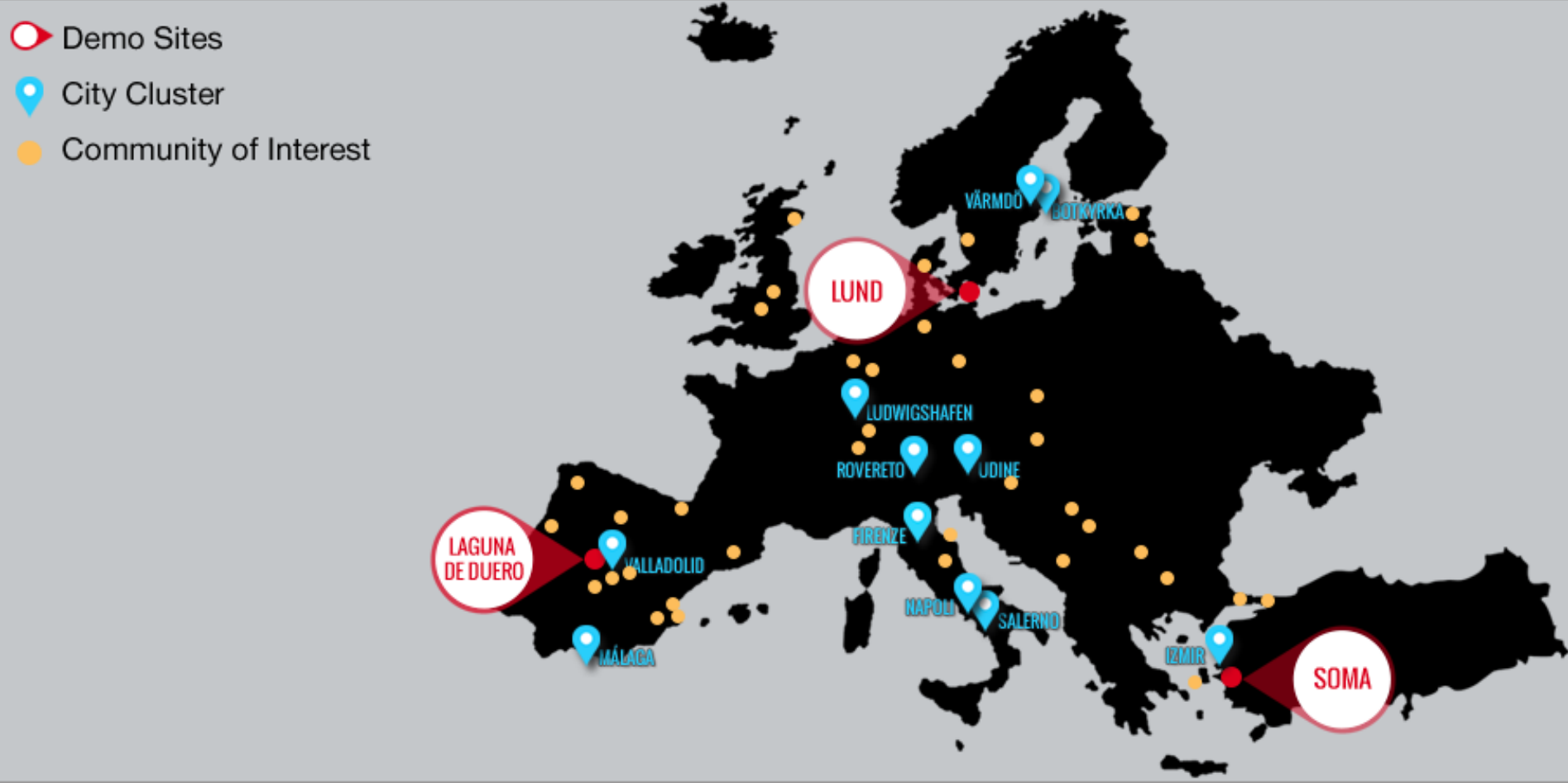
Local employment

Retrofitting

Energy efficiency within Cityfied



CITYFiED – a 5 year demo project



CITyFiEDs general goals



Contribute to a **sustainable city development**

Create **models and methods for energy efficiency and spread to others**

Achieve **Sweden's and EU's climate goals**

CITyFiED goals in Lund



**Energy performance
as a new building**

**Fossil free district
heating**

CITyFiED measures in Lund







Markus Paulsson/City of Lund

THANK YOU FOR YOUR ATTENTION!