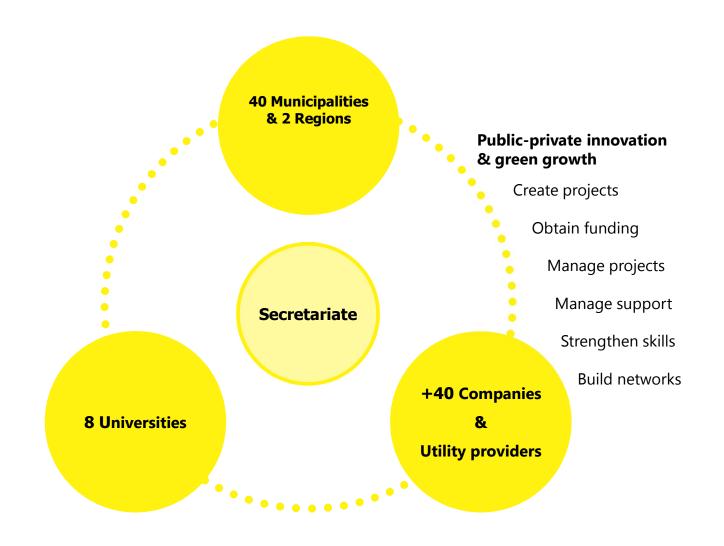




39 Municipalities8 Universities38 Companies & Utility providers





#### **GATE 21 IS WORKING WITH**

#### **PROJECTS**

Gate 21's six programs are based on climate and energy challenges, both regional and local, and are reflected in the focus areas

Buildings & Cities; Transportation; Energy; Circular Economy; Green Growth and Smart City.

In the focus areas, we develop new technologies, services, platforms, tools, processes and skills that support local efforts towards green transition and business opportunities for green growth.

TRANSPORT

BUILDINGS & CITIES

ENERGY

CIRCULAR

SMART CITY

GREEN GROWTH

#### **LIVING LABS**

In addition to the strong network forged between partners who participate in projects and Living Labs, Gate 21 has a number of forums and events for partners and members.

Gate 21 will help to establish, coordinate and profile Living Lab activities and cooperation with key stakeholders and partners, as well as existing initiatives.

NETWORK & KNOWLEDGE



## Lighting the future of smart cities

#### **FUNDING PROVIDERS:**











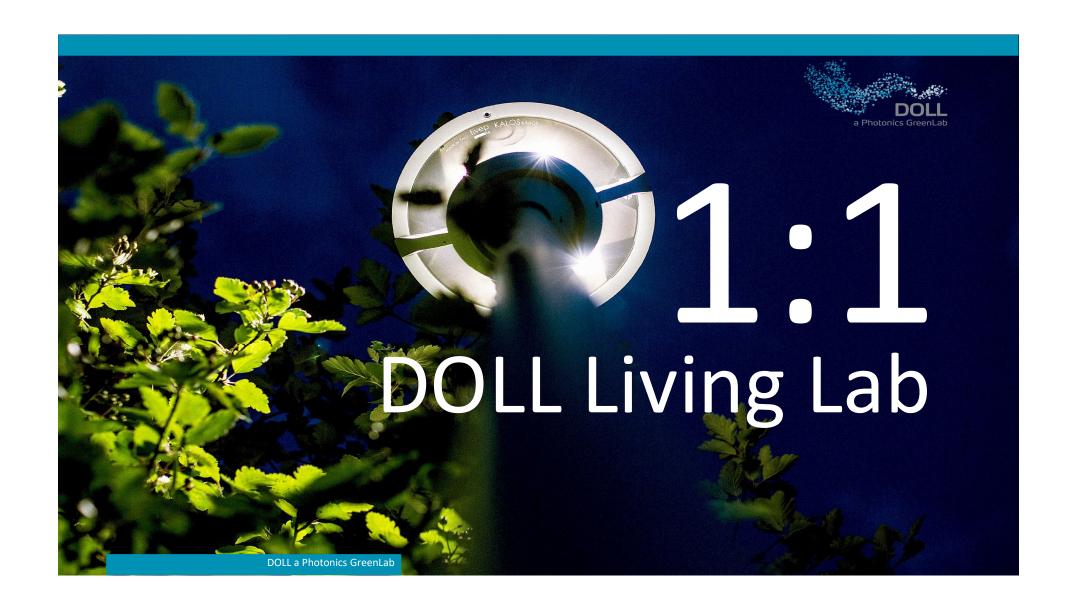


#### **CONSORTIUM PARTNERS:**













### Largest facility in Europe



Location:

Area:

Zones:

• IoT-infrastructure:

Sensor network:

• Intelligent lighting network:

Intelligent lighting solutions:

Management systems:

Privat partners

A suburb to Copenhagen, industrial/commercial area, 10.000 employees

1,5 km<sup>2</sup>, 12 kilometres of road and bicycle lanes, our sandbox environment

49 zones with Lighting and smart city-technology

8 types of digital networks

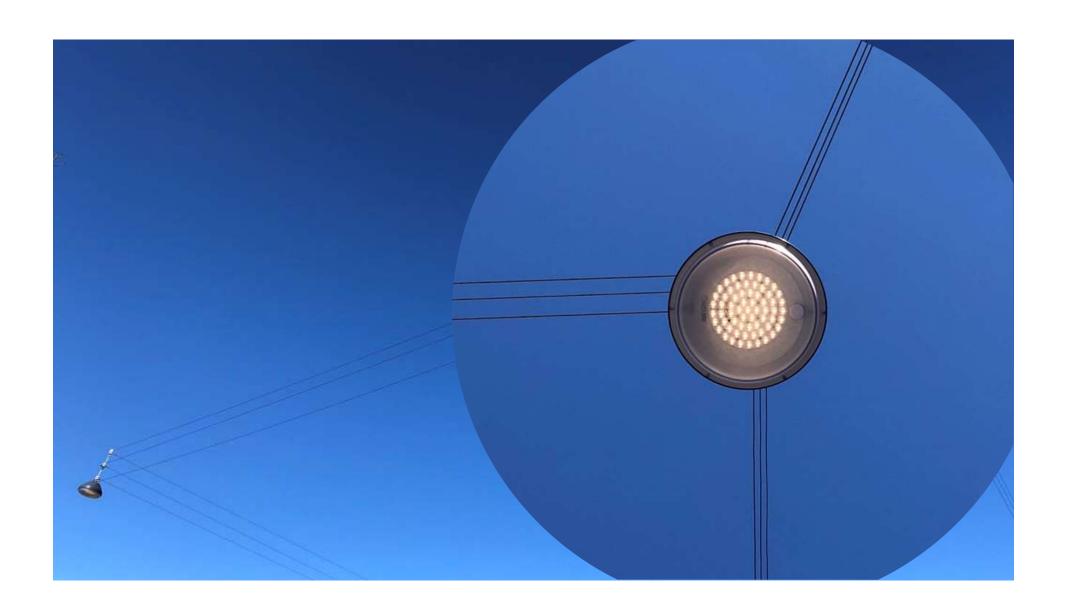
For waste, parking, air quality, noise, temp., etc.

435 connected light points, IP-address, real time control

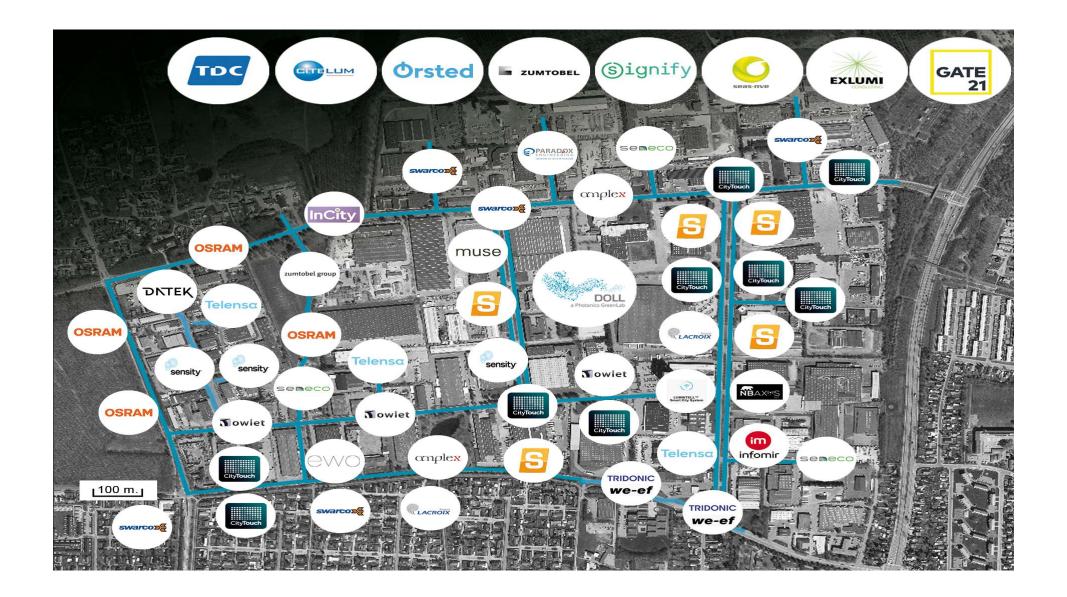
80 different lighting lumieres

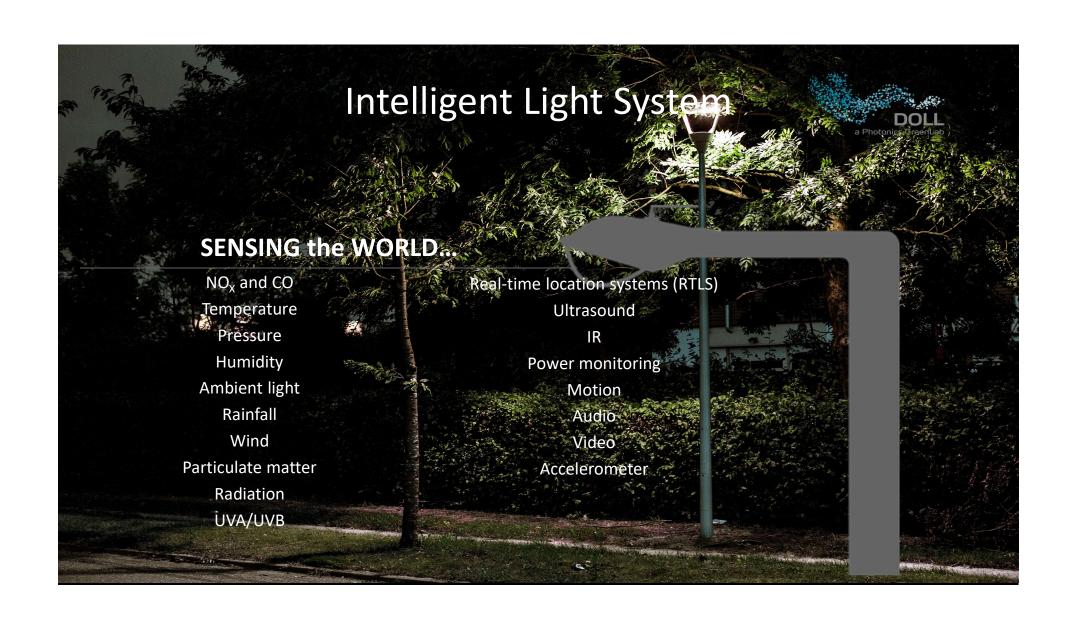
20+ systems

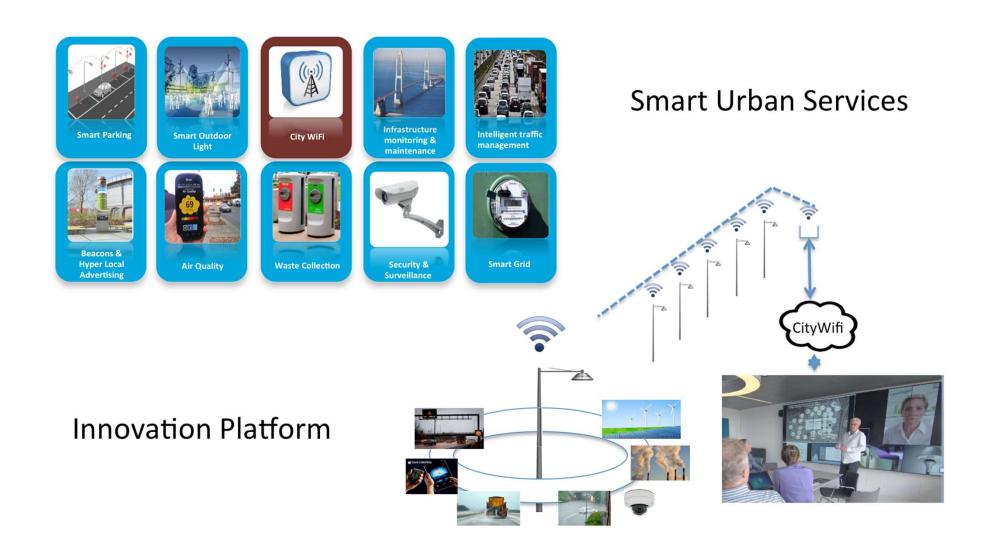
50+



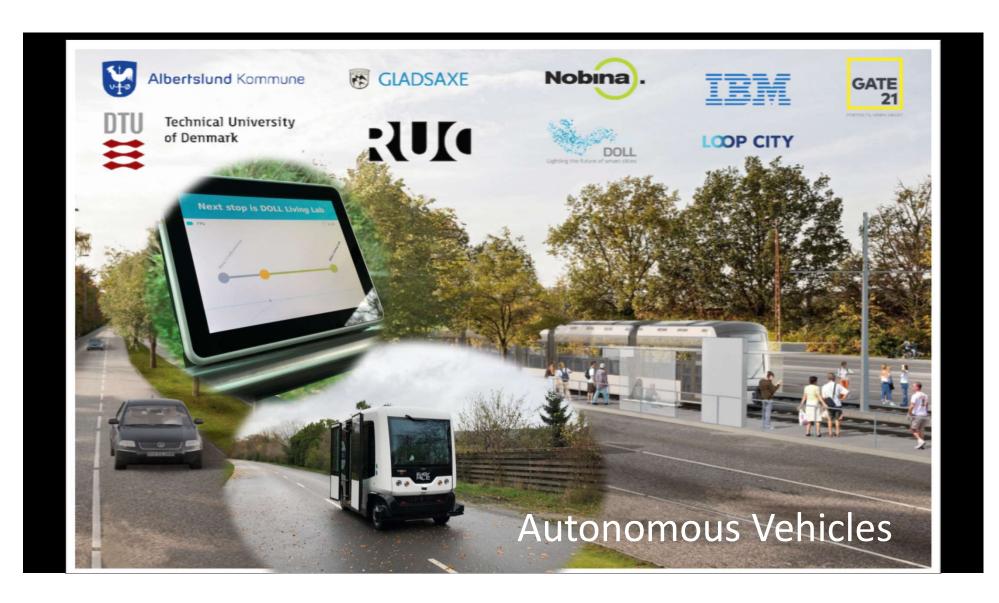








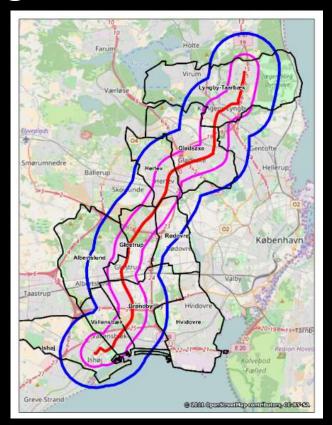






## Regional Data Platform





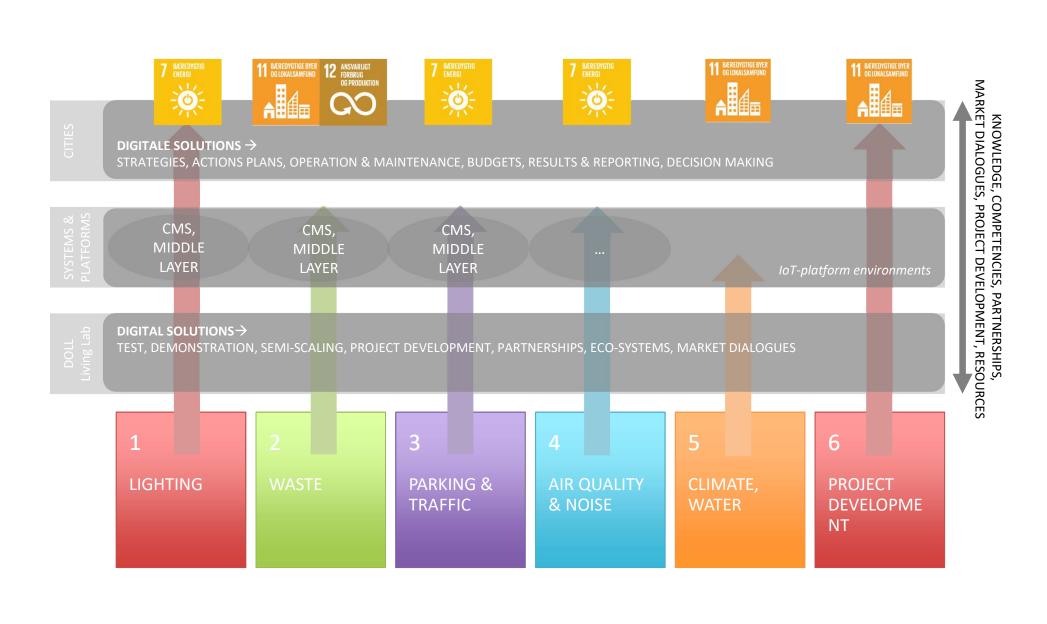


# Cities needs to find new ways to enable citizen interaction and deliver services



Cities traditionally address these challenges in silos.





# Ready for smart growth 23 Participating municipalities





Allerød Albertslund Bornholm Brøndby Egedal Fredensborg Frederiksberg Gentofte Gladsaxe Guldborgsund Hillerød Hørsholm Hvidovre Høje-Taastrup Hørsholm Kalundborg Næstved Odsherred Rudersdal Roskilde Slagelse Sorø Vordingborg

## Most common barriers to scaling









**The Academy for Smarter Communities** 





**Tailored to your local community** 



## Innovation Network – Ministry of Higher Education and Science Smart City Cluster Denmark



smartcitycluster.dk



