GROWING SMART CITIES IN DENMARK
Technology is the answer. But what was the question?

Cedric Price, 1966
Political | Economic | Efficient
“In Rio and in many other cities, we have decided to turn the threat of the digital revolution into an opportunity – one that can help us understand the future of representative democracy. Through Polisdigitocracy – the use of open data, social media and digital technology to drive citizen engagement – we must listen, renew legitimacy and turn formal consultation into constant collaboration.”

Mayor Eduardo Paes from the C40 & Arup (2015) Polisdigitocracy: Digital Technology, Citizen Engagement and Climate Action
“New technologies are altering the nature of society… What are the jobs that are disappearing? What are the jobs that are going to appear? What are the skills and capabilities that my people need to have to get these new jobs and opportunities?…. In practice, that means making available the tools needed to work in a new digital economy”

Dr. Vivian Balakrishnan, Singapore’s Minister for Foreign Affairs and Lead of the Smart Nation project
“From 2011 to 2021 London’s population will grow by a million... We will have another 641,000 jobs, another 800,000 homes, and more than 600,000 extra passengers will need to travel by public transport at peak times by 2031… We need to harness London’s technical prowess to help the capital work even better as a city, support its growth and help our infrastructure and services to be more responsive to Londoners and business needs.”

Mayor Boris Johnson from the Greater London Authority (2013) Smart London Plan
There is a lot happening already
Has your municipality launched smart city activities?

- Yes, we have launched comprehensive work defined as smart city (35%)
- Yes, we have launched individual activities which correspond to the smart city concept (17%)
- No activities have been launched or are planned (31%)
- No, but we have concrete plans to launch a smart city project within the next 12 months (13%)
- Don’t know (4%)

[n = 53 municipalities]
Comparing municipalities that have a smart city strategy with municipalities that don’t

- Municipalities without a smart city strategy
- Municipalities with a smart city strategy

[n = 53 municipalities] [Percentage of municipalities with at least one initiative in each category]
How to scale and export?
Five national ingredients

Municipal capability
Investment certainty
Skills and research
Public acceptance and literacy
Sharing of data
Municipal capability
Skills and research
Public acceptance and literacy
Sharing of data
How to enable smart cities in Denmark?
Five recommendations for Denmark

Develop municipal governance
Strengthen city collaboration
Clarify regulation and standards
Address public concerns
Communicate the opportunity