

Future by Lund Tekn. Dr. Peter Kisch

Innovations for smart sustainable cities & citizens





AN INNOVATION CULTURE

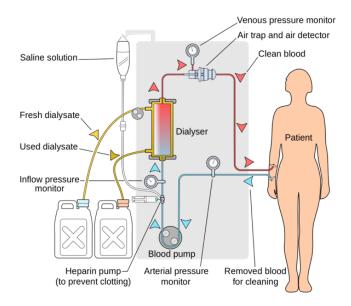
Where society, academia and industry toghether solve global challenges with innovation for future sustainable cities.













Our commitment:

Reduce GHG emissions by 50% until 2020 80% until 2030 Close to zero emissions 2050

City operations 100% fossil fuel free 2020

Divested from fossil fuels 2017 First green bond issued 2017

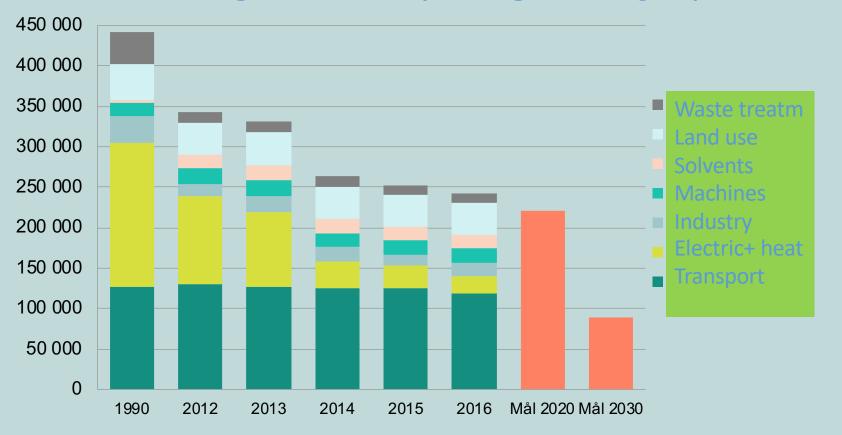
First city in Sweden to appoint a local scientific climate policy advisory board





Reducing climate impact in Lund so far.....

Greenhouse gas emissions (1000 kg CO₂-ekv/year)

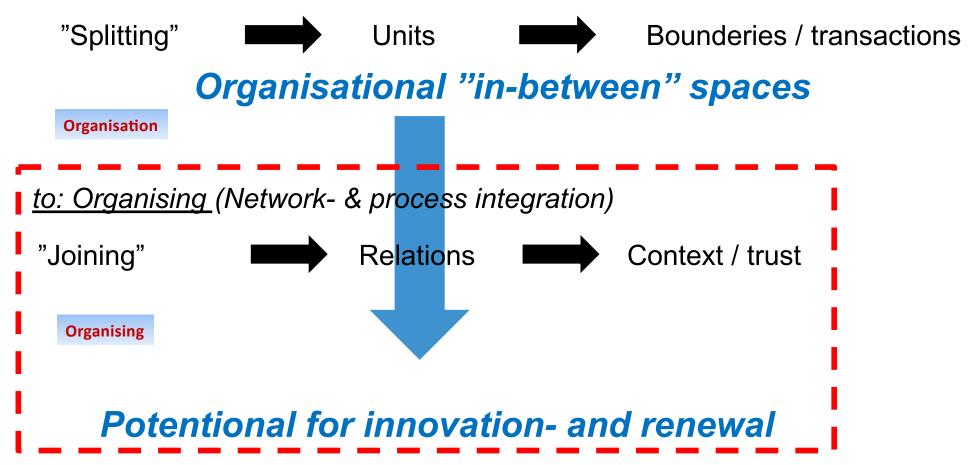


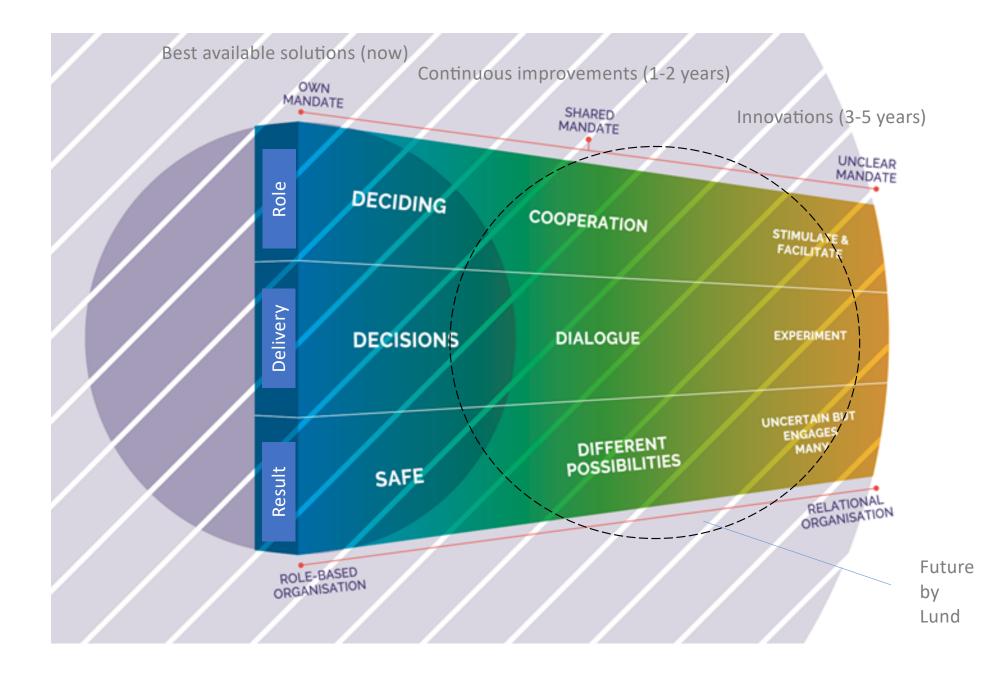






Shift focus from: Organisations (Hierarchic integration)

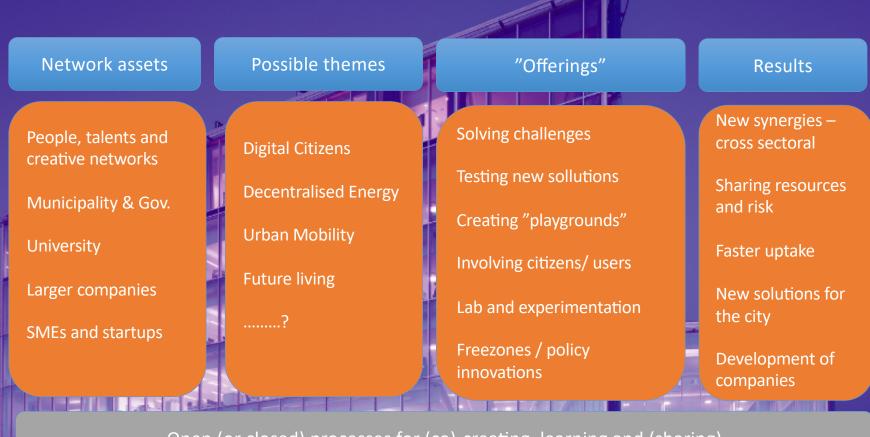




Ne connect and mix the innovation assets of Lund...

People in Lund, Mayor and local government, Major real estate and land owners, Researchers and students, Anchor companies, Advanced research organisations, Investors, Entrepreneurs/ start-ups, Incubators/accelerators & economic cultivators, Social networks (based on skills and interest).... Everything within biking distance





Open (or closed) processes for (co)-creating, learning and (sharing)



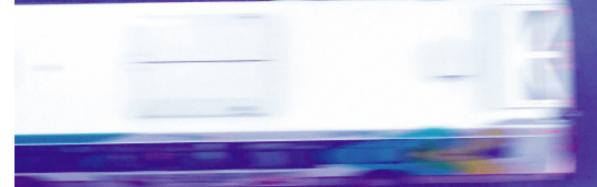






Drivers: Pain points, visions, people...?

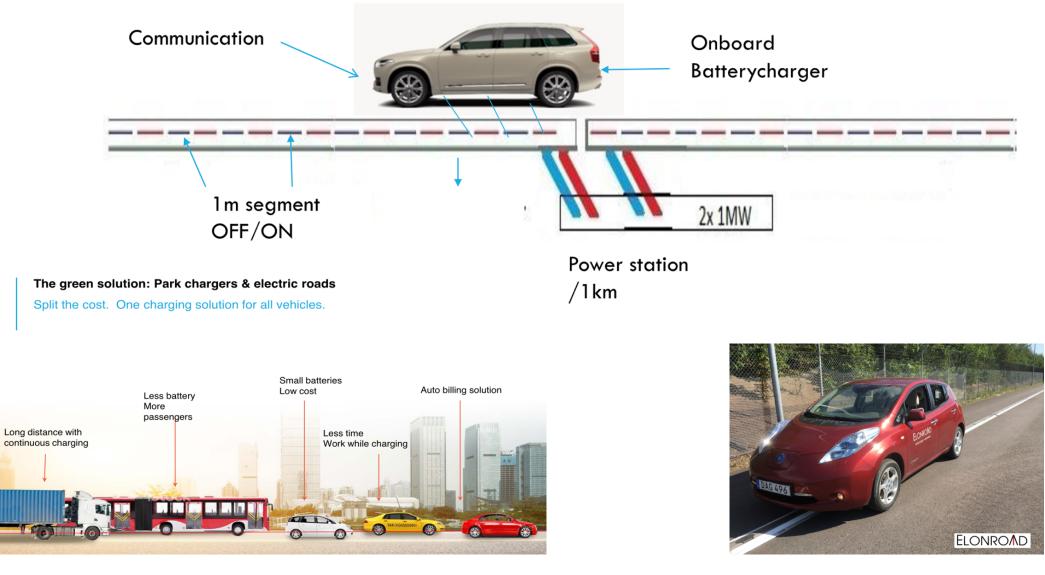
Technology driven: Smart sustainable (auto)mobility experiments focuses on immediate problems (emissions, traffic jams, security). A technological orientation that reinforces the dominant role of vehicles.



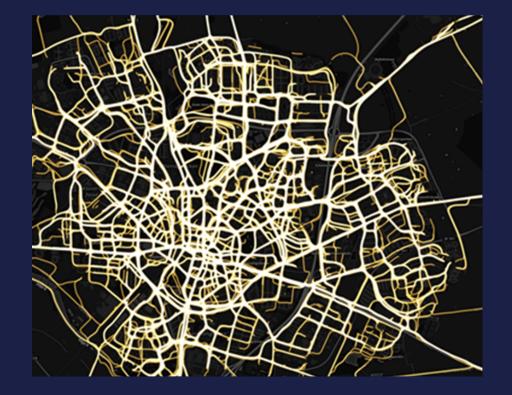
People driven : Micromobility, walking and biking as a part of a healthy and meaningful lifestyle. Creates engagement – but connection to transit, regional commuting and logistical systems not matured yet.

Service driven: Mobility services (MaaS) focuses on organizational changes and alternative roles of vehicles. A business model / organizational oriented approach which requires "Air BnB" set-up".

Technology driven . Full electrification of all transports



People driven: Improving biking quality











From organisations to organising (not the same as tripple helix)

Collaboration is a good start , but co-creation a must

Citizens engagement is great, but citizens acceptance even better

Less focus on strategies – focus more on effects and real change (we need roadmaps, deadlines & investment impacts)

Increase cross-sectoral learning – the solutions are out there already (e.g. ESA/ Space industry)

Competition on ideas – but not with other cities

Transferability / scale-up of ideas – multicity actions

