

# NOT BORING PRESENTATION





# ELECTRUM-

# STOCKHOLM INNOVATION & GROWTH



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# Digitalization



# make Sweden









# Secure Juli Juli Gobs



# Strengthen the Innovation region







# Growing a not boring knowledgebase





# **Growing a not boring knowledgebase**

#### Urban ICT Arena doesn't run any projects





#### Quadruple helix - Academia-Industry-Public-Citizens

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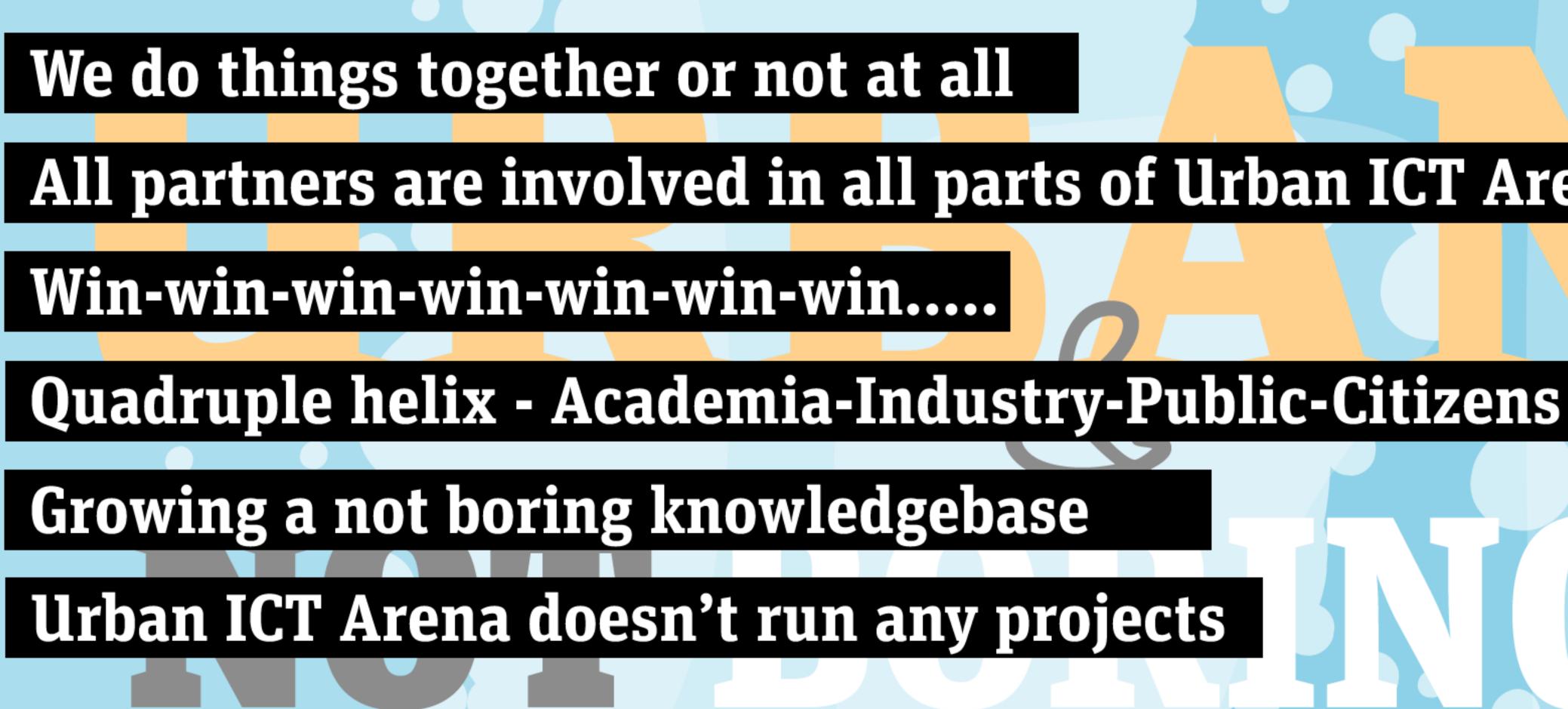
#### All partners are involved in all parts of Urban ICT Arena

## Quadruple helix - Academia-Industry-Public-Citizens

# Growing a not boring knowledgebase

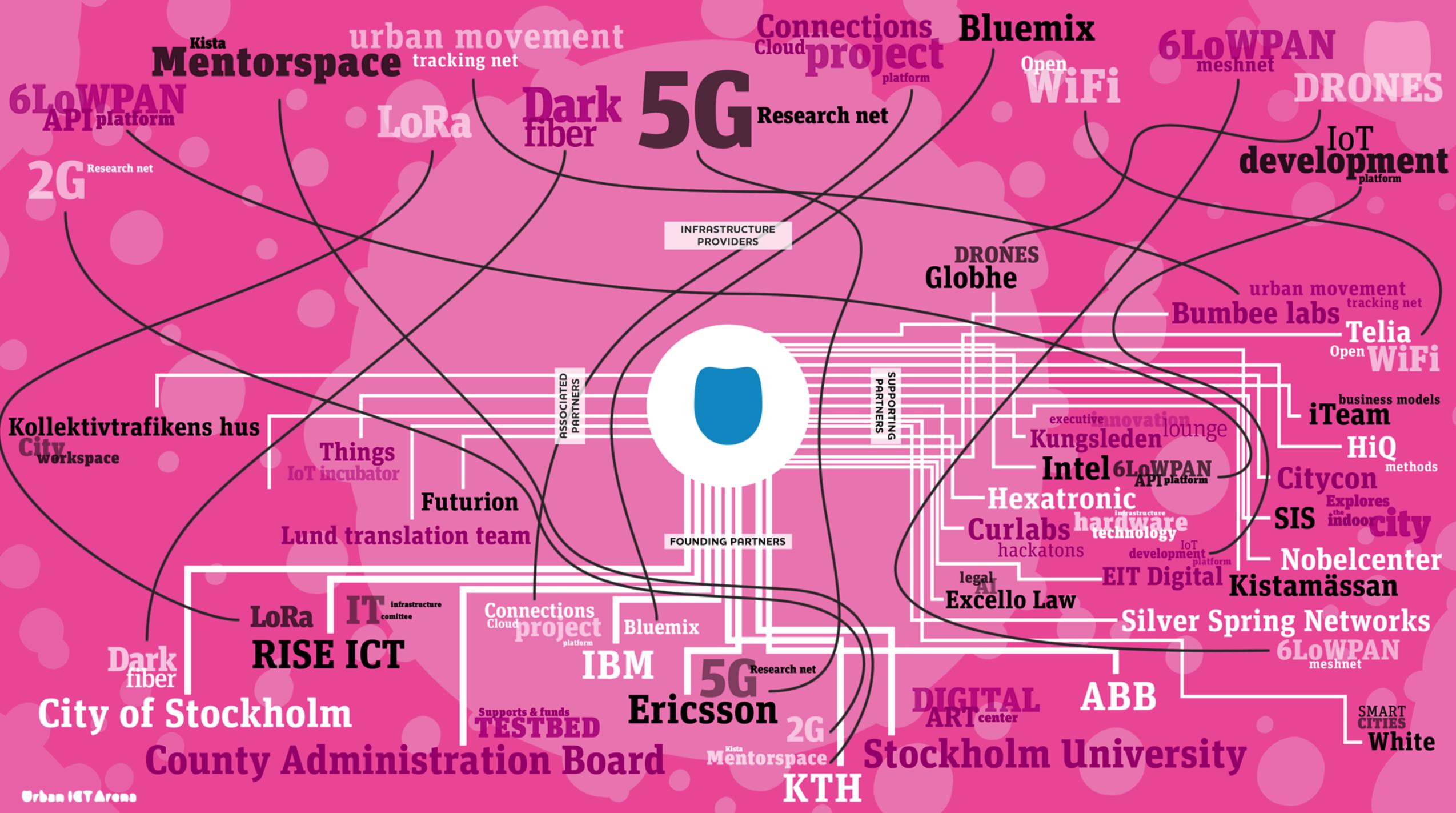
### Urban ICT Arena doesn't run any projects





#### All partners are involved in all parts of Urban ICT Arena





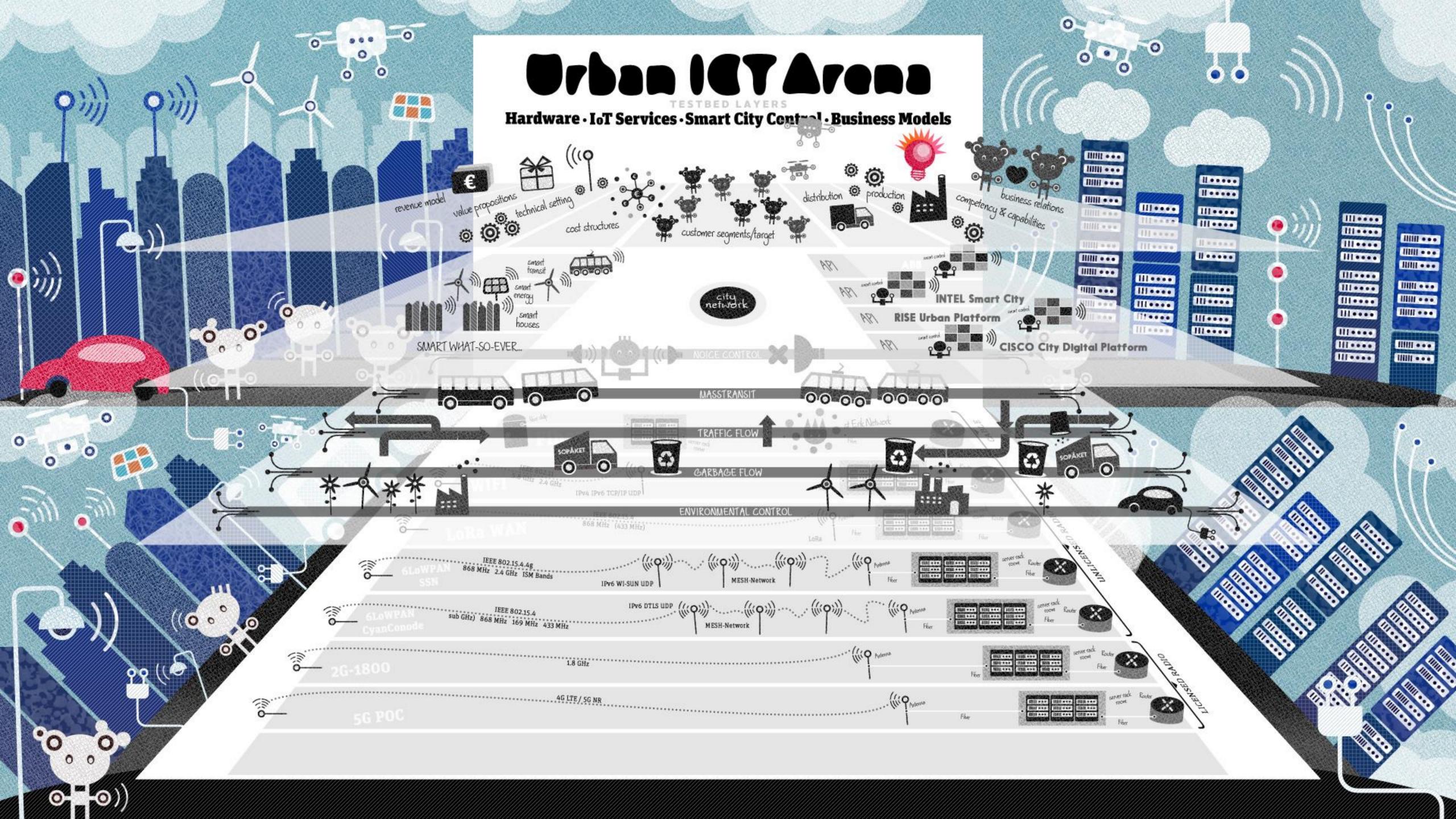
#### Signed & ready for approval Q1 2018:

White Arkitekter – How do we use ICT for supporting the smart city? **Fastighetsägarna i Stockholm** – Use drones for roof and facade inspection. Nobina Tech – AUTOPILOTEN. Hardware and software layer.

#### **On the way in Q1 2018:**

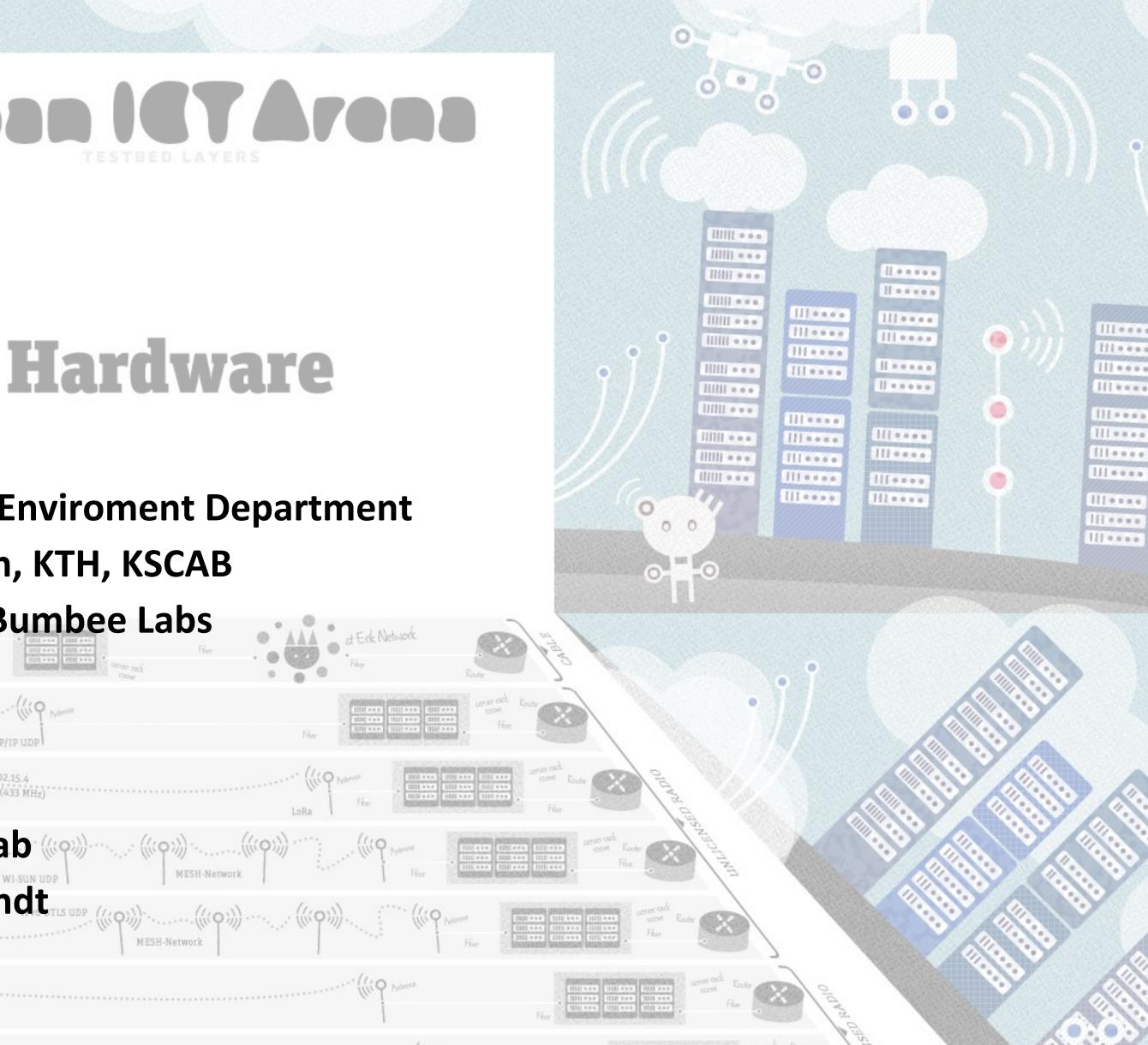
SLL – Will explore how future mobility in sustainable and connected cities can be devloped. DigiNordix – A LoRa WAN company that will provide open real time data. Hard- and software layer. Capgemini – Interested in contributing & explore the Automagic City with partners & project owners. Business Model layer. Tele2 – Would like to develop and show case artistic and smart street ligths. Hardware layer WSI – Would like to bring startups to the testbed for development of smart hardware solutions. Smart Built Environment – Would like to use the testbed for projects. Service layer Driwe Sweden – Would like to use the testbed for projects. Service layer Nobina Tech – Would like to be a strategic part of the testbed. Hardware layer IVL – Would like to be a part of the development of the sustainable and connected city. Business layer Stockholmsmässan – Would like to be a part of the co-creation arena. Service layer IT & Telekomföretagen – Would like to be a strategic partner and explore new business models.





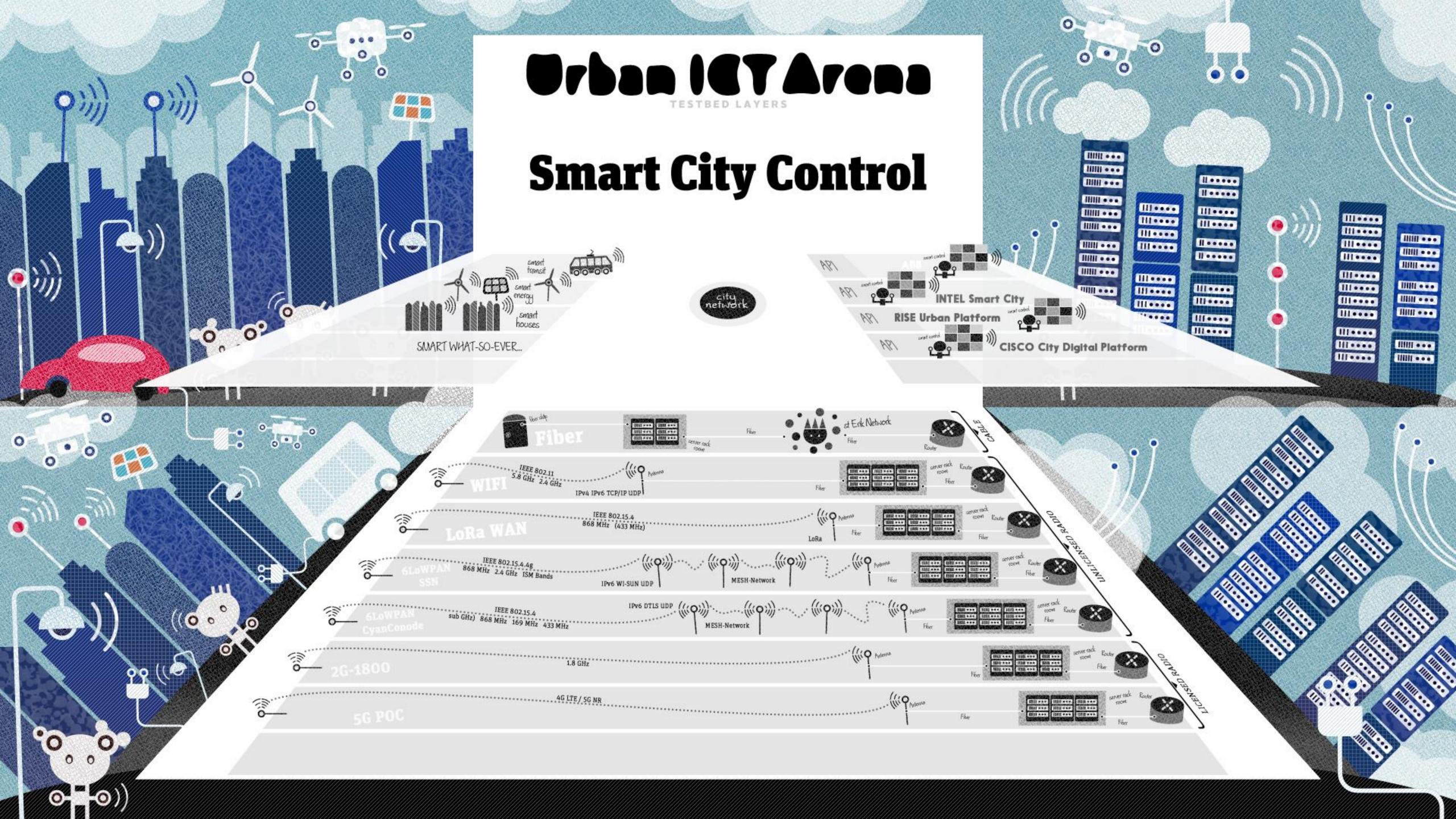


- Fiber line with 15 stations Stokab
- LoRa WAN– RISE ICT/Acreo
- **2G Open IP wireless network- KTH** 3.
- **5G POC-Kista Ericsson**
- 5. 5G POC Hägerstalund Ericsson
- 6. 6LoWPAN Intel/CyanConnode
- WiFi Urban ICT Arena Telia Company
- **6LoWPAN Silverspring** 8.
- **Grow Smarter comes to Urban ICT Arena Enviroment Department** 9.
- **10. Kista Mobility Week Ericsson, Nobina Tech, KTH, KSCAB**
- **11. Hardware for positioning smart phones Bumbee Labs**
- **12.** Narrow band IOT Telia Company
- 13. Fiber between posts Stokab
- **14. Hybrid cable Hexatronic**
- 15. Magnet ODF, Plug and play on post Stokab
- 16. Digital design for New Bus Stop Tiembrandt
- 17. How to retrofit old bus stop Stokab
- 18. ODF contact surface for fibre Tyg&Led
- **19. Develop neural control of LED lights Anell belysning**
- 20. Smart street lights with remote control system S:t Erik Communication and Traffic Administration



21. Test of electronic boxes & wells with sensors that detects opening – St:Erik Communications & Stokab

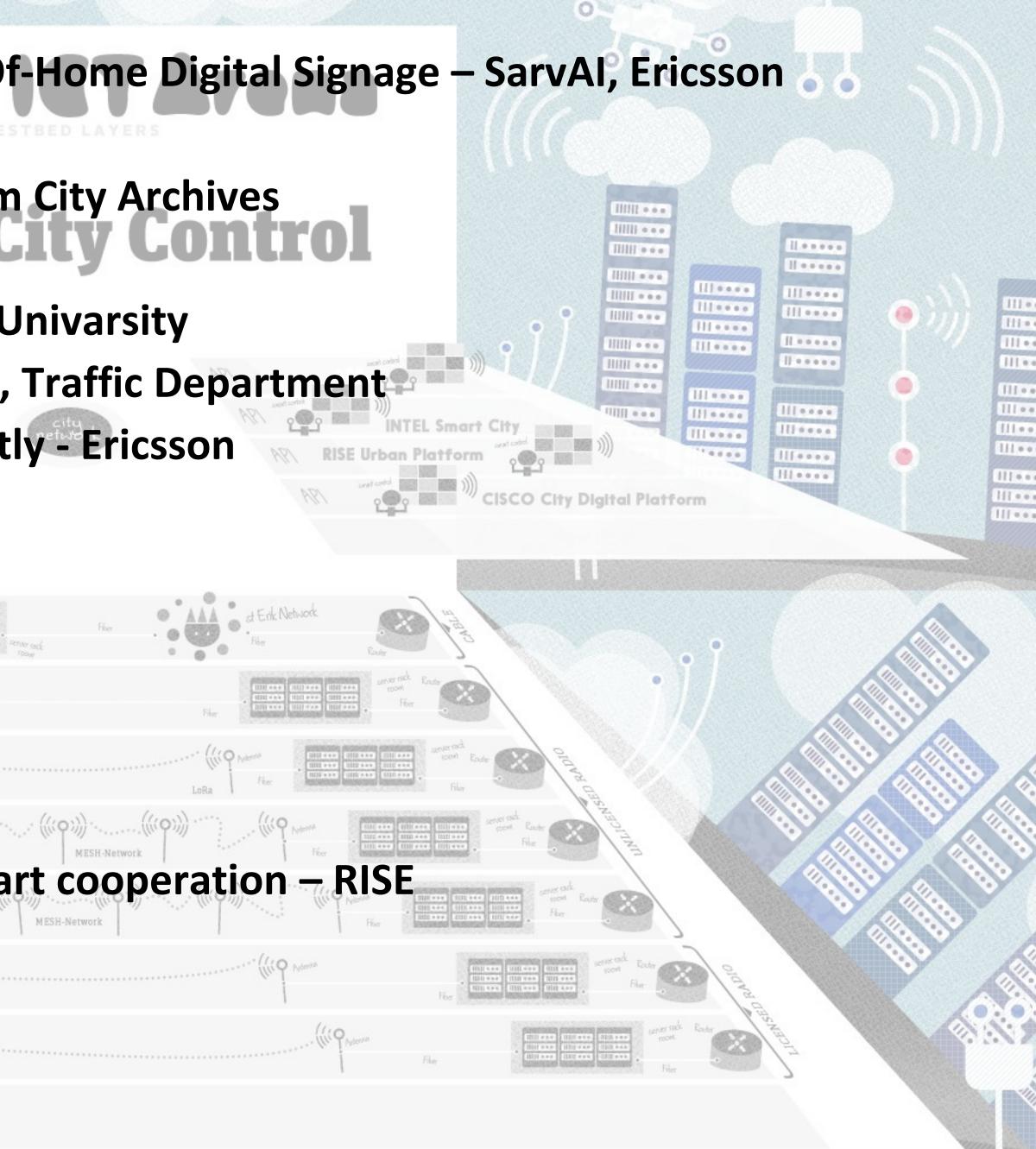
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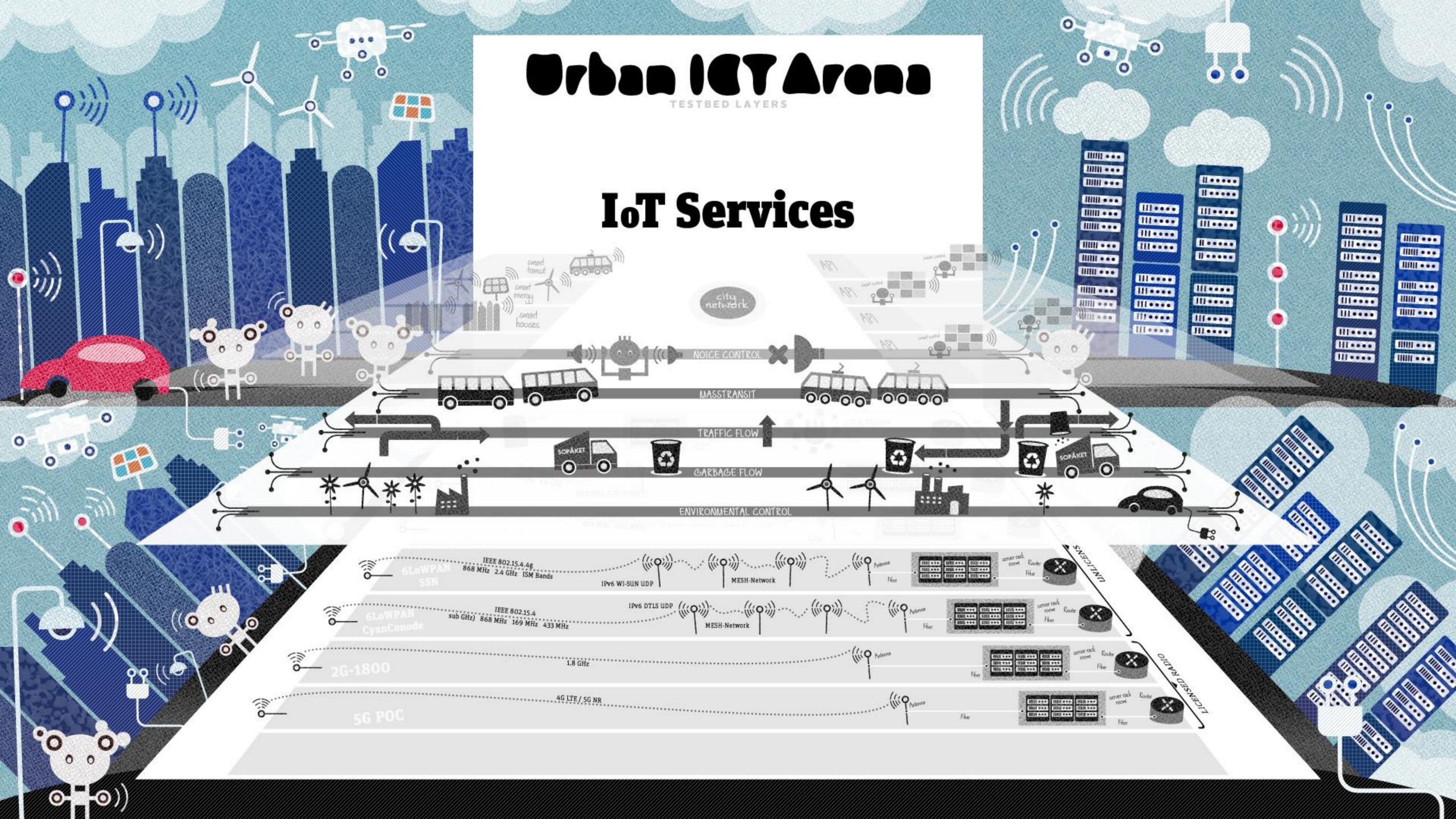


Real-Time Analytics & Feedback for Out-Of-Home Digital Signage – SarvAI, Ericsson 2. From prototype to MVP – Map projekt **Smart and Connected Archives – Stockholm City Archives Connected Busstop – Ericsson/Stokab** 4. **MediaSence Digital Platform – Stockholm Univarsity** 5 Measuring Pedestrians & Cyclists – Stokab, Traffic Department 6. **Urban mobility and logistics done differently - Ericsson City Digital Platform - Cisco** 8. **No Boring Drone Lab - Globhe Drones AB 10. Bluemix – IBM** 11. Watson - IBM 12. Bumbee Labs – Positioning people in Kista **13. Urban Platform – RISE ICT/Acreo** 14. Bicycles and other vehicles in safe and smart cooperation – RISE **15. Platform analysis – RISE** 16. Streaming sensor data – Skarl AB 17. Global Goals Lab – Quantified Planet 0 0

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- 1. Sjyst data! RISE ICT, SCB, Bumbee Labs, KSCAB
- Video QoE in mobile networks Agama, Ericsson 3.
- **Expert cleaning of water surfaces Surfcleaner, Tekniska Verken**
- Legal AI InnovationSpark AB, IBM
- 6. Scorecard for monitoring QoE for digital services Procera, Ericsson
- 7. Streaming sensor data Skarl AB
- **Not Boring 5G Bike Urban ICT Arena/Ericsson/Kista Mentorspace** 8.
- 9. Get hacked on demand by Bounty Kaiser Stockholm University
- **10. Data collection for Global Goals Quantified Planet**
- **11. Sensor data from rooms RISE Acreo**
- 12. All you need is love Ericsson Katzeff
- 13. AUTOPILOTEN Nobina Tech, Ericsson, KTH, Klövern, SJ, KSCAB
- 14. GCity Stockholm University

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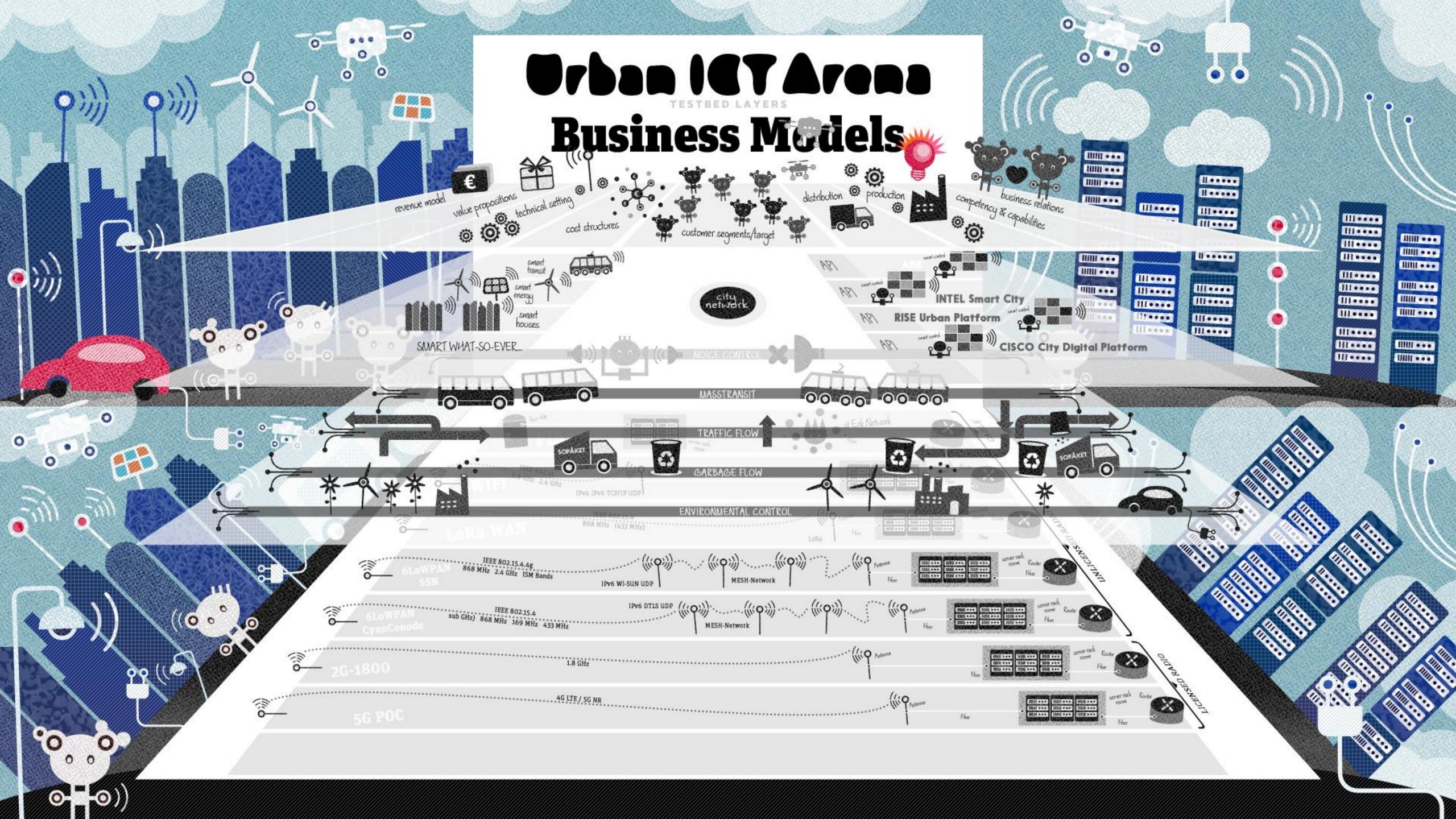
15.Kista Mobility Week – Ericsson, KTH, Nobina Tech

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#### Integration of CargoBeacon to existing logistic processors- CargoBeacon, Gränges, Edsbyn

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- NotBoring ILS Workshop IQ Samhällsbyggnad
- **Disrupt large organizations for digital transformation RISE ICT**
- **Open Innovation for Industry Process development TEYI, KSCAB** 3.
- New business models for commercial screens on bus stop Clearchannel 4.
- 5. Test and analyze commercial surfaces on bus stop Public Transportaion of Stockholm

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# SMART SPECIALIZATION Sustainable & Connected City

Drones

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## Sensors ((())) ((())) images Sounds (())

Cyber Security





## **Drone usecases**

- Smoke plyme analysis
- Find lost people
- Parking servailance
- Find a parking lot
- **Evacuation support find lost people and guide to exit**
- Inspection tool high altitude technology & vegetation
- Air particle metering on high altitude
- **Transport of blood & organs**
- Mapping
- Pollination
- Micro mobility vehicle
- Mobile periscope surrounding support



and to be not boring with us



