

Kerkko Vanhanen, Programme Director 1 June 2021 – Local Energy Transition Conference



#### Forum Virium Helsinki

an Innovation Company owned by the City of Helsinki

- Co-creating,
- Piloting and
- Experimenting

   urban futures with
   companies, the scientific
   community and the
   residents.

Helsinki







2020

2015

2018-2020

Smart and sustainable neigborhood

2015

Agile piloting programme starts

2015-2018

Smart Kalasatama: building an innovation platform

2014

Smart Kalasatama

2013

Decision:
Kalasatama to be smart city district

- 0

School open

Bridge to recreation
area Mustikkamaa

2020 City environm house ready

2019 Kesko camp

2012 First residents

> 2009 Construction begins

2009–2011

ZUUY-ZUII
Temporary uses for empty greas

2007 Metro station



FORUM VIRIUM HELSINKI

## Helsinki's smart city innovation district







#### INNOVATION ECOSYSTEMS CO-CREATING VALUE



Corporations

KALASATAMA URBAN LAB

OPEN INNOVATION ECOSYSTEMS







City Public Sector



Research







# Agile piloting programme

Co-creation and experimentation of early prototypes in real-life environment

Procuring 3-5 thematic pilots from startups & SME's max. 6 months (5-10k EUR)



Sold Bottom 110

#### **AUTOMATED WASTE COLLECTION SYSTEM IN KALASATAMA**



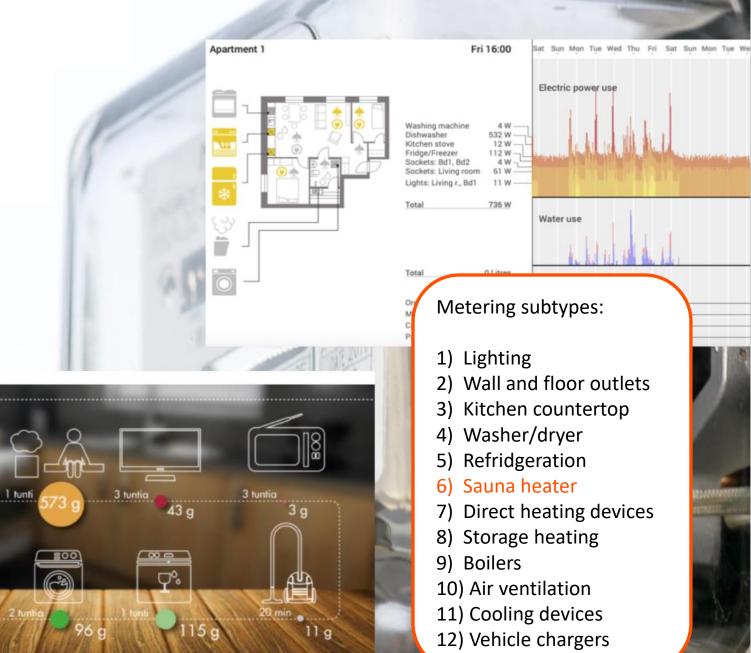






# SMART ENERGY IN KALASATAMA

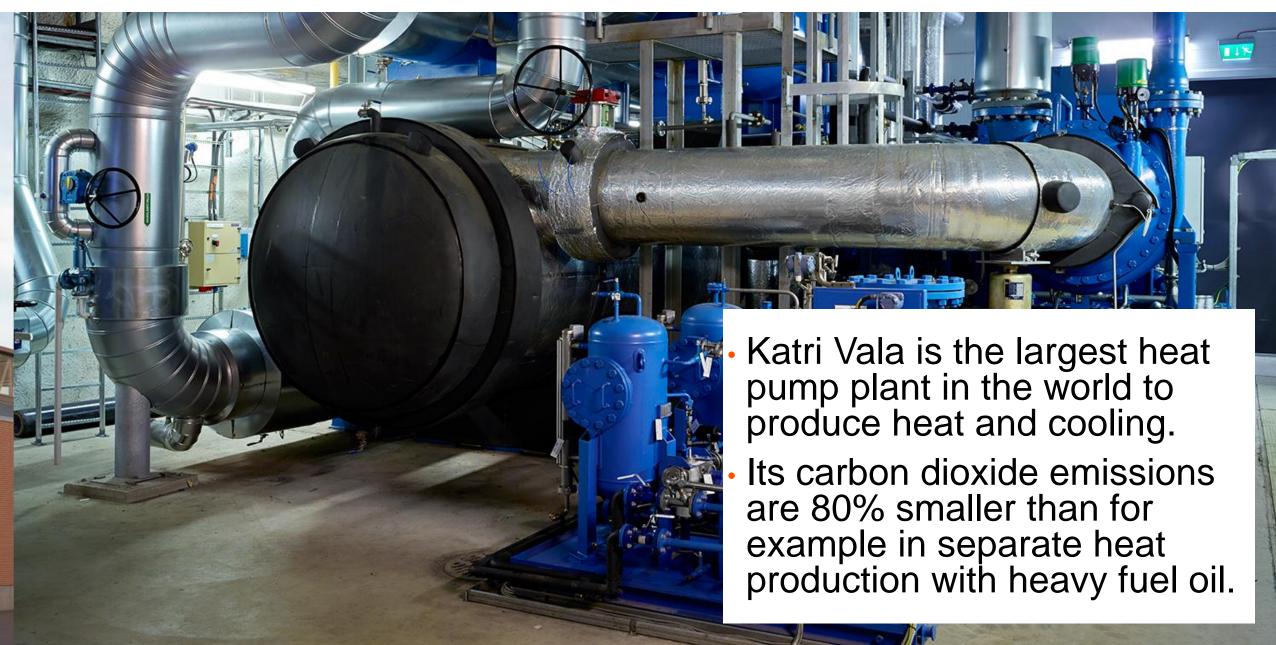
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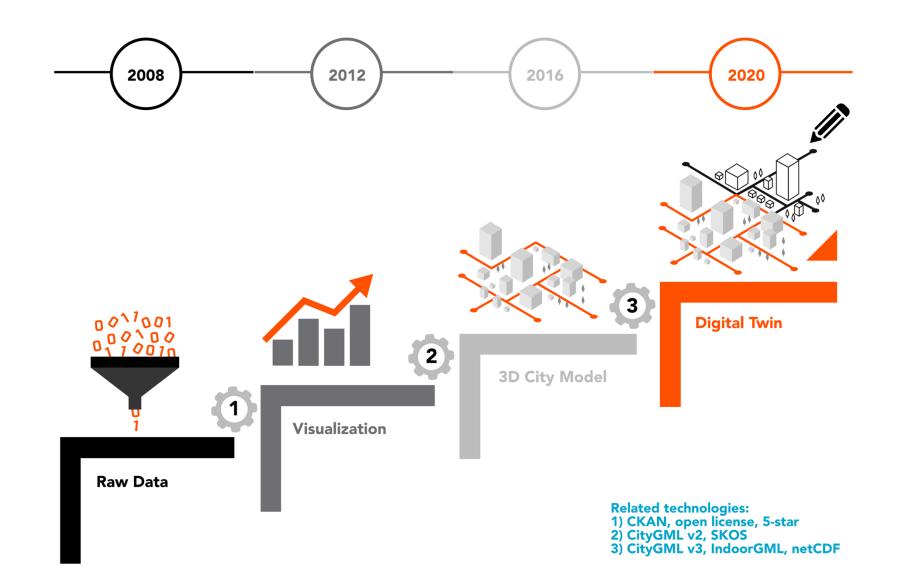


#### KATRI VALA HEATING AND COOLING PLANT





### **OPEN DATA SERVICES**



FORUM VIRIUM

HELSINKI

#### SMART KALASATAMA DIGITAL TWIN



# Data is KNOWLEDGE

# Smart City, SMART DECISIONS



