

# Johanneberg Science Park Ltd.

- a joint venture between public, private and academic partners

*"Sustainable urban development in practice"*

*Mats Bergh, CEO Johanneberg Science Park Ltd.*

# Innovation eco-system in Sweden 2022

- Several regional innovation systems
- 80 Science Parks/Incubators
- 6 Science Parks in West Sweden of which 3 in Gothenburg City
- SISP/IASP - national/international associations for Science Parks



# Johanneberg SP main purpose - How do we build a sustainable society together?



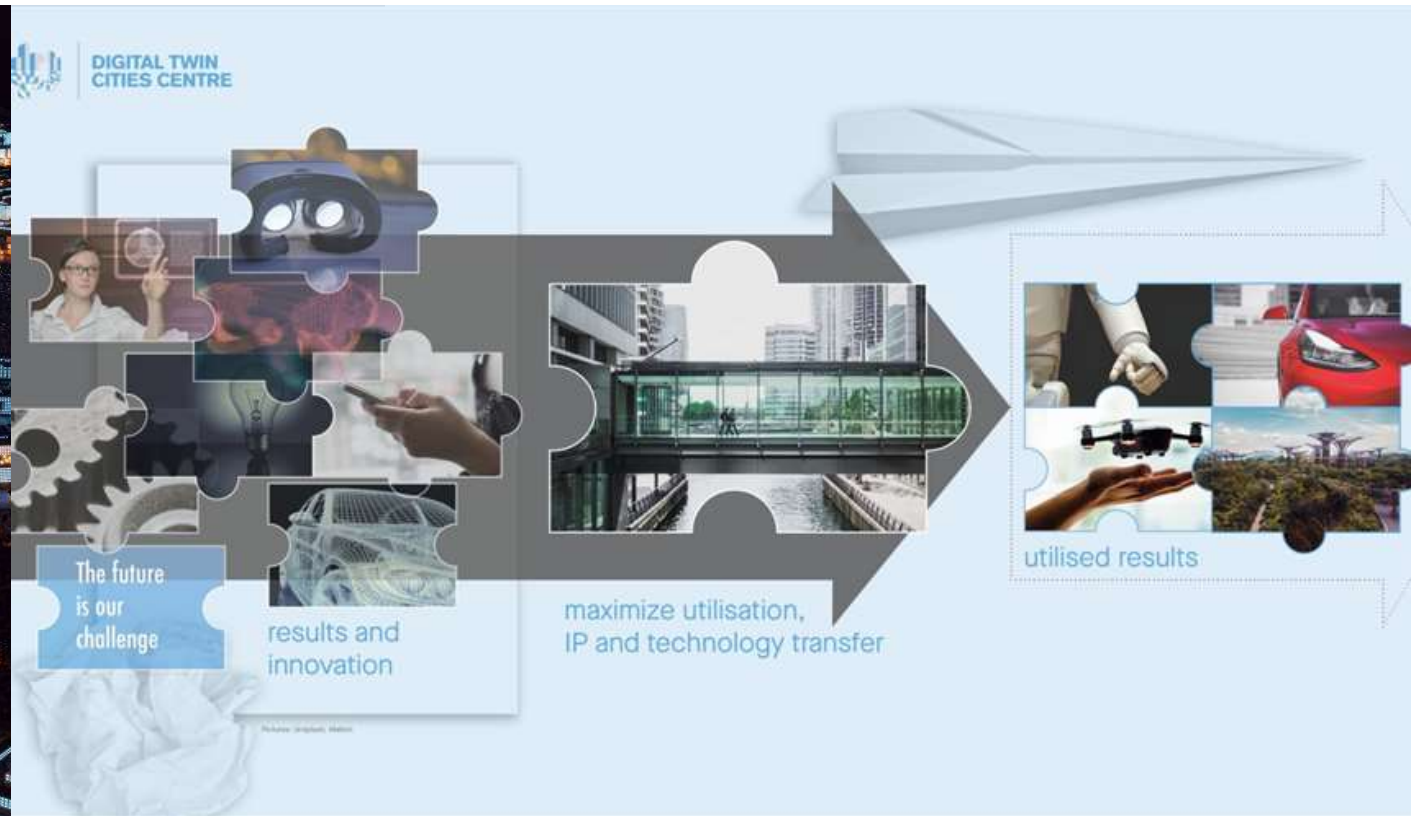
**Techno/Economic/Legal systems**



**Social/Political/Philosophical systems**

*To achieve a sustainable city, integrated development of built infrastructure, energy systems, materials, **ICT**, mobility, etc. is needed*

# Digital tools can help us make cities resilient and sustainable but we need to understand how to use data



# Focus on four areas

- Planning and city development
- Digital twin development
- Open data and virtual/physical city labs
- **Climate Neutral Gothenburg 2030 (city metabolism)**



Within IRIS, we demonstrate and evaluate integrated urban development solutions with objectives in five areas that are important from several sustainability perspectives.



Transition track #1:  
**Renewables and energy positive districts**

Transition track #2:  
**Flexible energy management and storage**

Transition track #3:  
**Intelligent mobility solutions**

Transition track #4:  
**Digital transformation and services**

Transition track #5:  
**Citizen engagement & co-creation**

# IRIS Gothenburg demonstrations

CIP-City  
Innovation  
Platform

Energy cloud

A Working  
Lab  
Akademiska  
Hus

HSB Living  
Lab

BRF Viva  
Riksbygg  
en

CIM-City  
Information  
Model pilot



# ”Project Forsåker”

- 3000 apartments and 4000 employment opportunities

Construction/Materials/  
Infrastructure/  
Waste/Water/..

Energy

ICT/IoT/AI

Logistics/ Mobility/  
Electrification



# Smart Cities + Open data RE-use (SCORE)

**SCORE** is a EU Interreg North Sea Region project with nine cities and three universities participating.

**SCORE** aims to increase efficiency and quality of public services in cities through smart and open data-driven solutions.

**SCORE partners** develop innovative solutions based on open data and focus on sharing insights and methodologies for developing better public services.



Thank you!!