



LUND  
UNIVERSITY

# Lund University Collaboration Office

Patrik Rydén







## Agenda

- Collaboration office
- Example: Strategic Innovation Program, Viable Cities
- Lund University Thematic Collaboration Initiatives - a tool to stimulate collaboration and external engagement







LUND  
UNIVERSITY

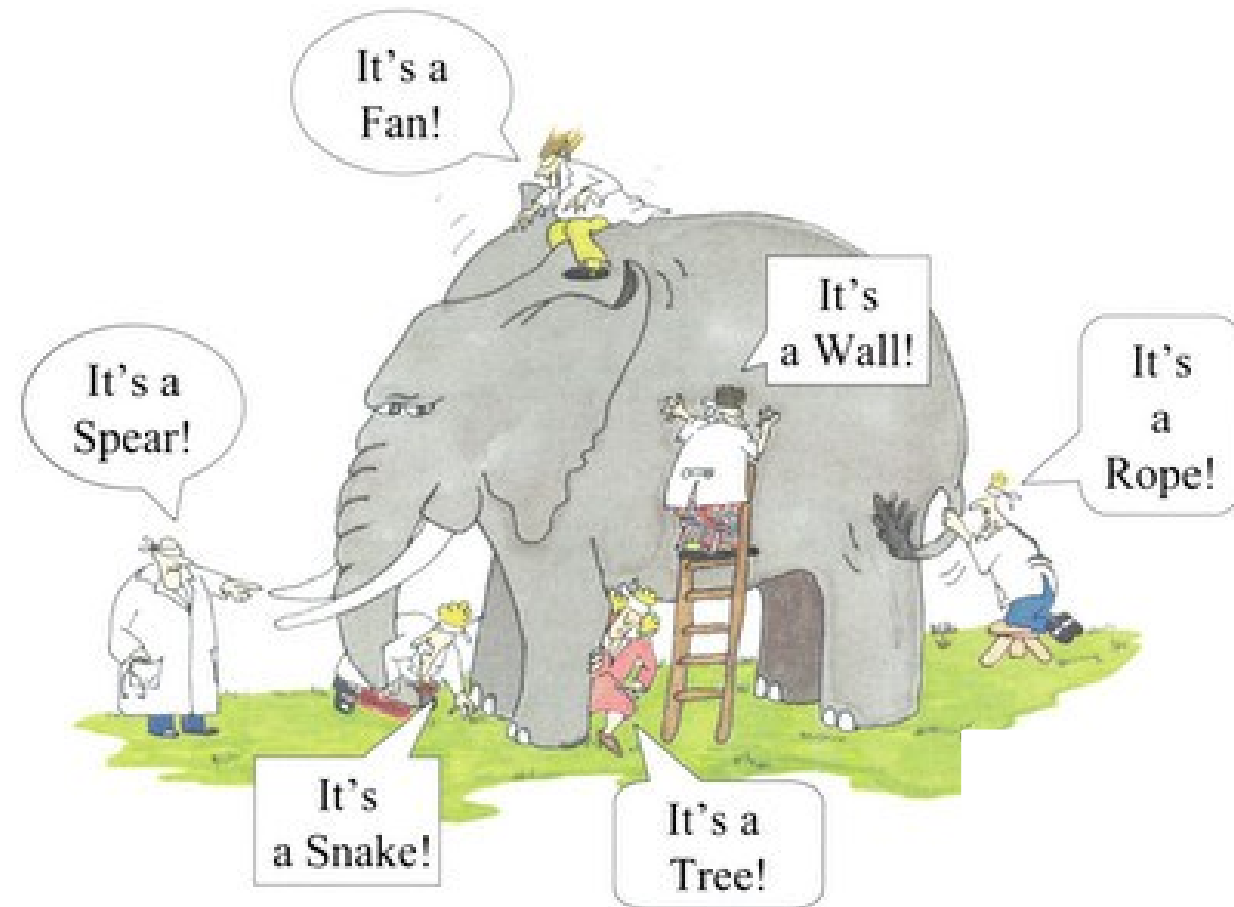
# Collaboration Office Support to develop strategic collaborations



# Samverkan $\approx$ collaboration, cooperation or external engagement

---

- Definition
  - Collaboration with industry, public actors and other societal actors
  - Interactions with the surrounding society
- Integral part of education and research
- Defined by
  - Common goals
  - Jointly defined activities
  - Different perspectives
  - Mutual benefits or value



# Support to develop strategic collaboration #1

---

## Mission:

To support the University in the development of strategic partnerships and collaboration platforms

- **Coordination, support and competence enhancement related to development of multidisciplinary projects and platforms involving external stakeholders**
  - Provide support in consortia building
  - Develop the collaboration mission related to the Higher Education Act e.g.
    - Strategic partnerships
    - Merits of collaboration
    - Mobility concept as a tool for increased, broadened and deepened interaction with external actors
  - Support to the Collaborative council
    - Thematic collaborative initiatives



# Support to develop strategic collaboration #2

---

- **Identification of research funding contributing to University's strategic development**
  - Funding under the Ministry of Economic Affairs
  - Vinnova, Mistra, SSF, Formas, Swedish Energy Agency, The Swedish Agency for Economic and Regional Growth, EU funding except Horizon and ERC as EIT KIC
  - Cross-university KIC Office
- **Dialogue with funders and other key stakeholders**
- **Process management of applications in collaboration with external actors**
  - e.g., Viable Cities – Strategic
- **Coordination and management of interdisciplinary research projects**
  - e.g., Viable Cities – Strategic



# Support to develop strategic collaboration #3

---

- **Specific assignments for the university management**
  - Large Scale Research Infrastructures (LINXS, Teknikparksfunktion)
  - Priority setting process related to specific calls
- **Provide support and knowledge on issues related to the evaluation of collaboration and the impact of research in society, as well as methods for follow-up**
- **Research communication and creating new meeting places between research and the public**



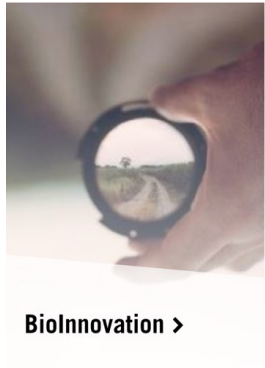


# Viable Cities

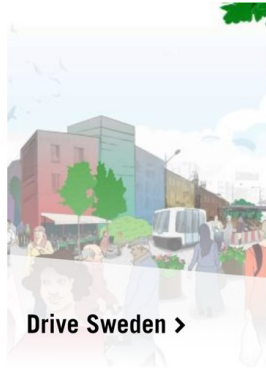
A Swedish strategic innovation programme

Ett strategiskt innovationsprogram med stöd från  
Energimyndigheten, Vinnova och Formas

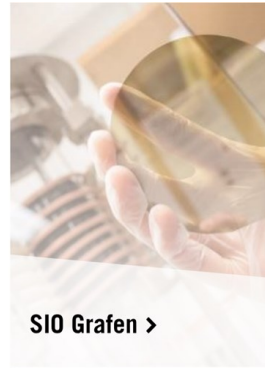




**BioInnovation >**



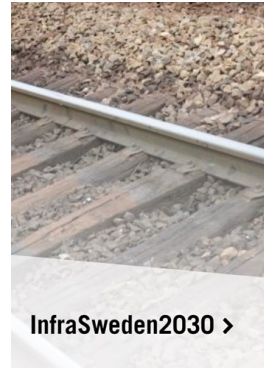
**Drive Sweden >**



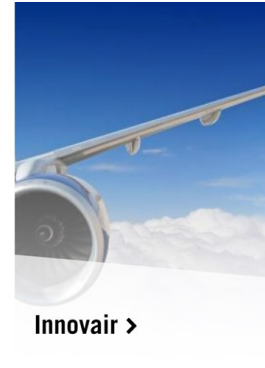
**SIO Grafen >**



**STRIM - gruv och metallutvinning >**



**InfraSweden2030 >**



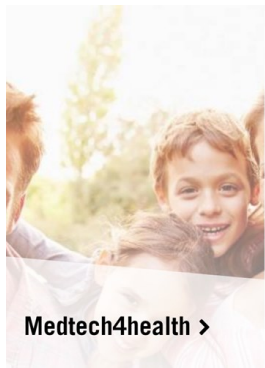
**Innovair >**



**Internet of Things Sverige: Sakernas internet >**



**Lättvikt >**



**Medtech4health >**



**Metalliska material >**



**Processindustriell IT och automation >**



**Produktion2030 >**



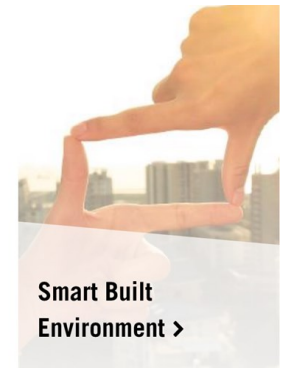
**RE:Source >**



**Smartare elektroniksystem >**



**SWELife >**



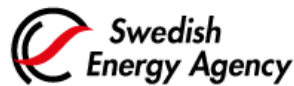
**Smart Built Environment >**



**Viable Cities >**

## Viable Cities is one of 17 strategic innovation programmes in Sweden

With support from



Strategic  
innovation  
programmes





# Viable Cities™



## A Swedish strategic innovation programme

**74**

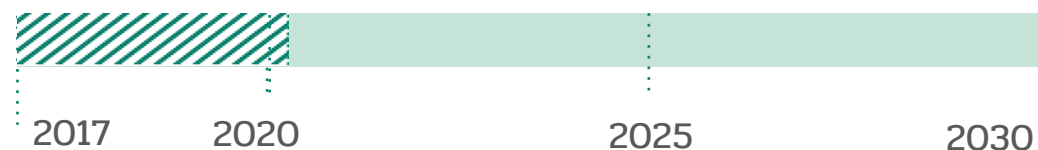
Projects

**200**

Partners in RnD projects

**130**

Members



**100 000 000 Euro**

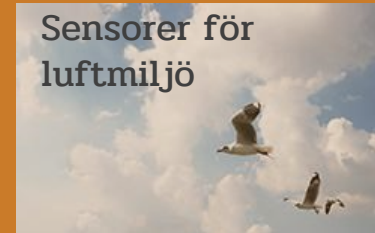
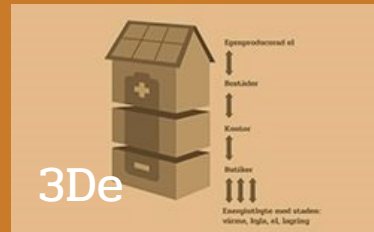
Budget until 2030 - one hundred million euros. 50% from the Swedish Energy Agency





# Viabile Cities™

## Klimatneutrala städer 2030



Sharing Cities Sweden



Sharing behaviour



Sharing business models



Sharing communities



Sharing platforms



Sharing towns



# Medlemmar i Viable Cities

## Offentlig sektor



## Lärosäten och forskningsinstitut



## Idéburen sektor



## Företag



# Mission-Oriented Research & Innovation in the European Union

---

## Man on the moon





Mission:

# Climate-Neutral cities 2030

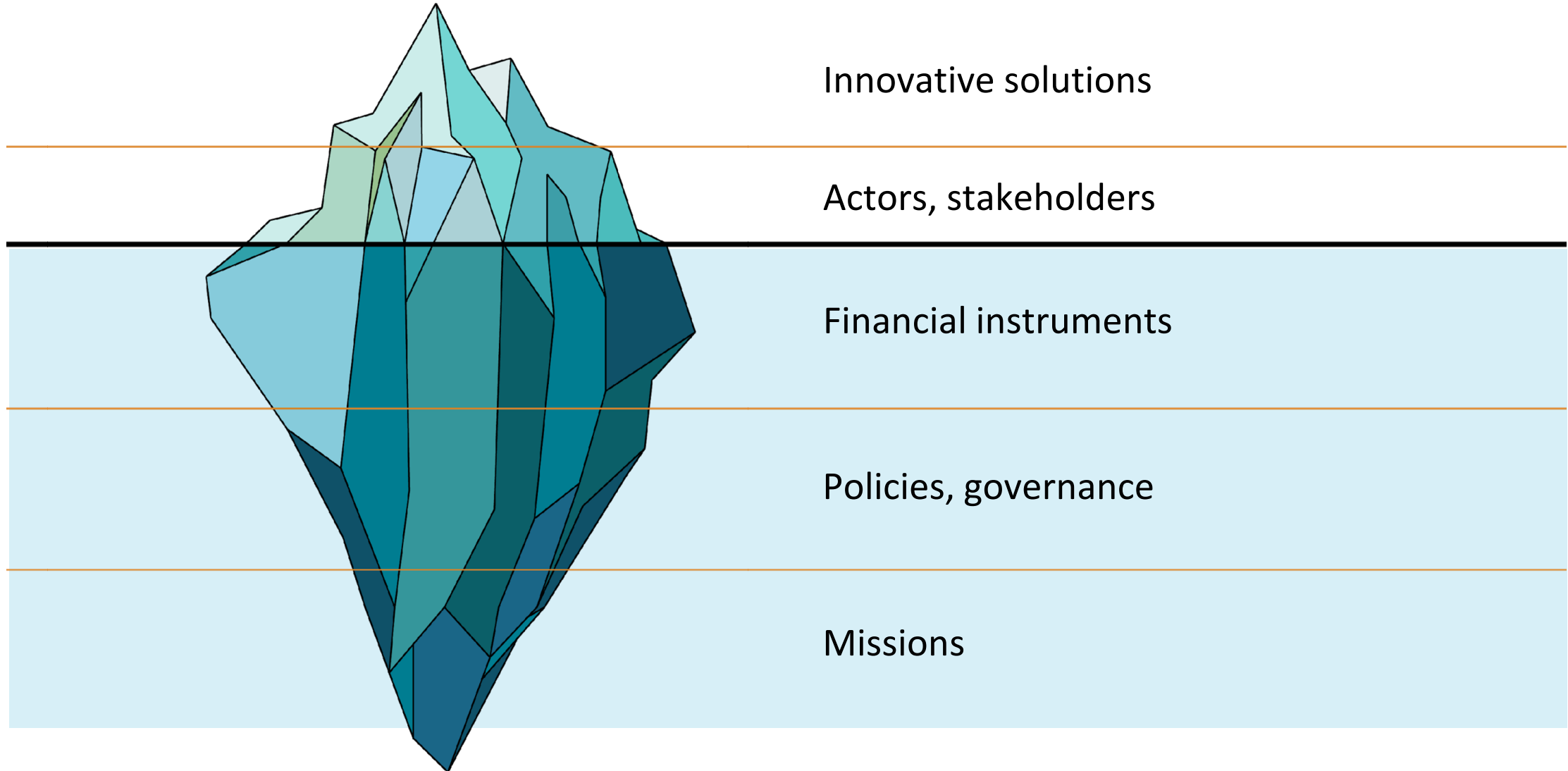
With a good life for all  
within planetary boundaries

Transition must happen faster!  
Transformative system change is needed





# System innovation – as an iceberg



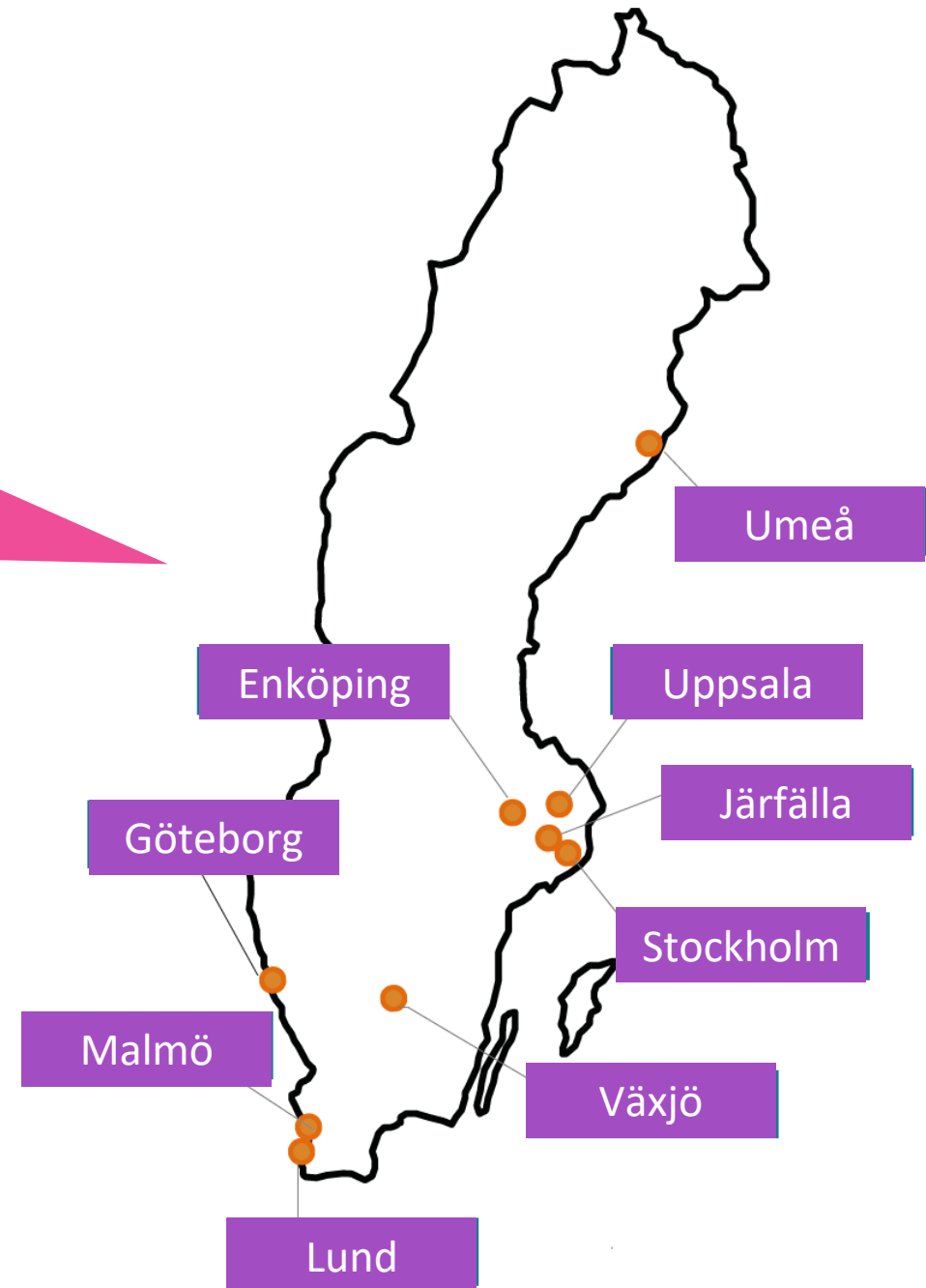
# Flagship initiative: Climate-Neutral Cities 2030

Nine Swedish cities and their partners are pioneering efforts to accelerate the transition to become climate neutral

9 cities  
October 2019



23 cities  
October 2021



# Transition Lab – the strategic backbone

Many need to make good decisions to speed up the climate transition: municipalities, companies, authorities and ordinary people

That is why we work together with cities, companies, researchers, politicians, officials, authorities and citizens. We try our ideas, we fail, we learn and we try again – always with the mission in mind

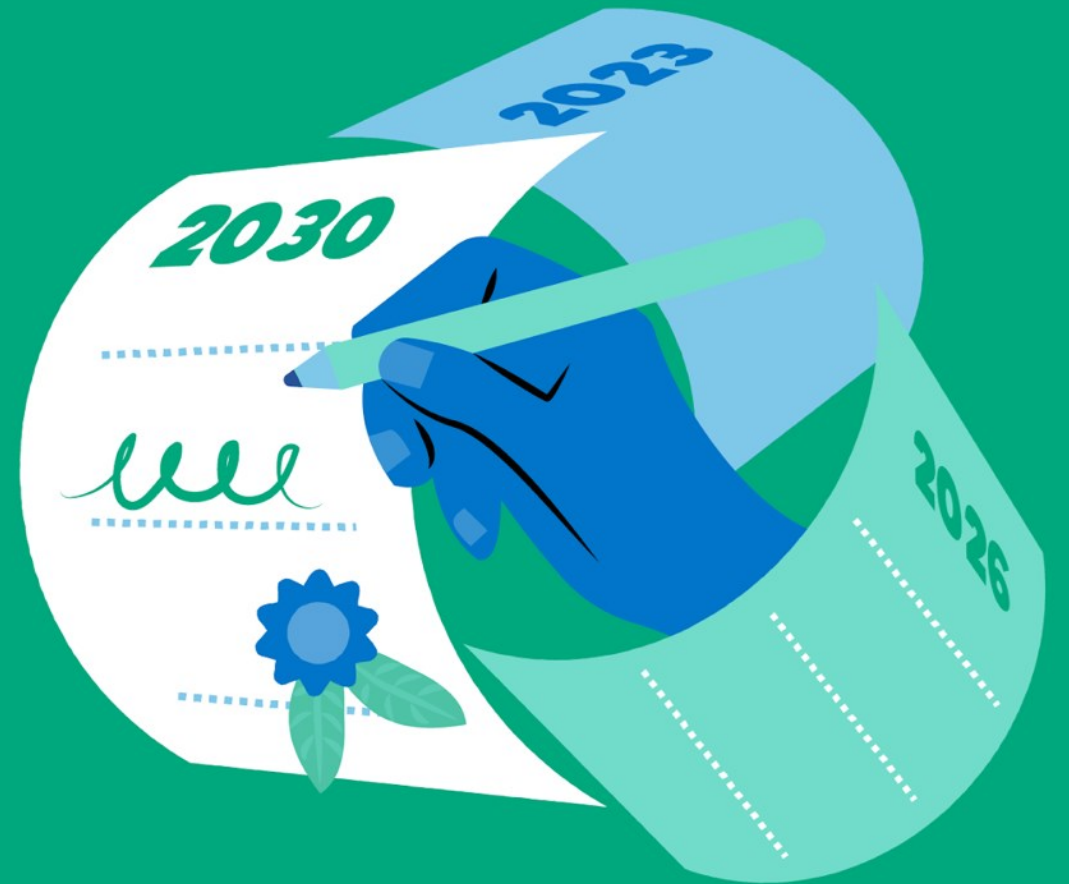




# Climate City Contract 2030 – sharper each year

## Klimatkontrakt 2030:

- A long-term commitment from all signing partners
- Ensures cooperation between the cities and the government agencies
- follow-up and revision each year, both on local and national level



# Klimatkontrakt 2030 – the Climate City Contract

- A form of co-operation between the national level and local authorities
- Based on mutual commitments
- A new form of delivery mechanism of national support to cities
- Signed by nine City Mayors, four government agencies and Viable Cities
- Contracting process - Annual revision and update of contract







# 9



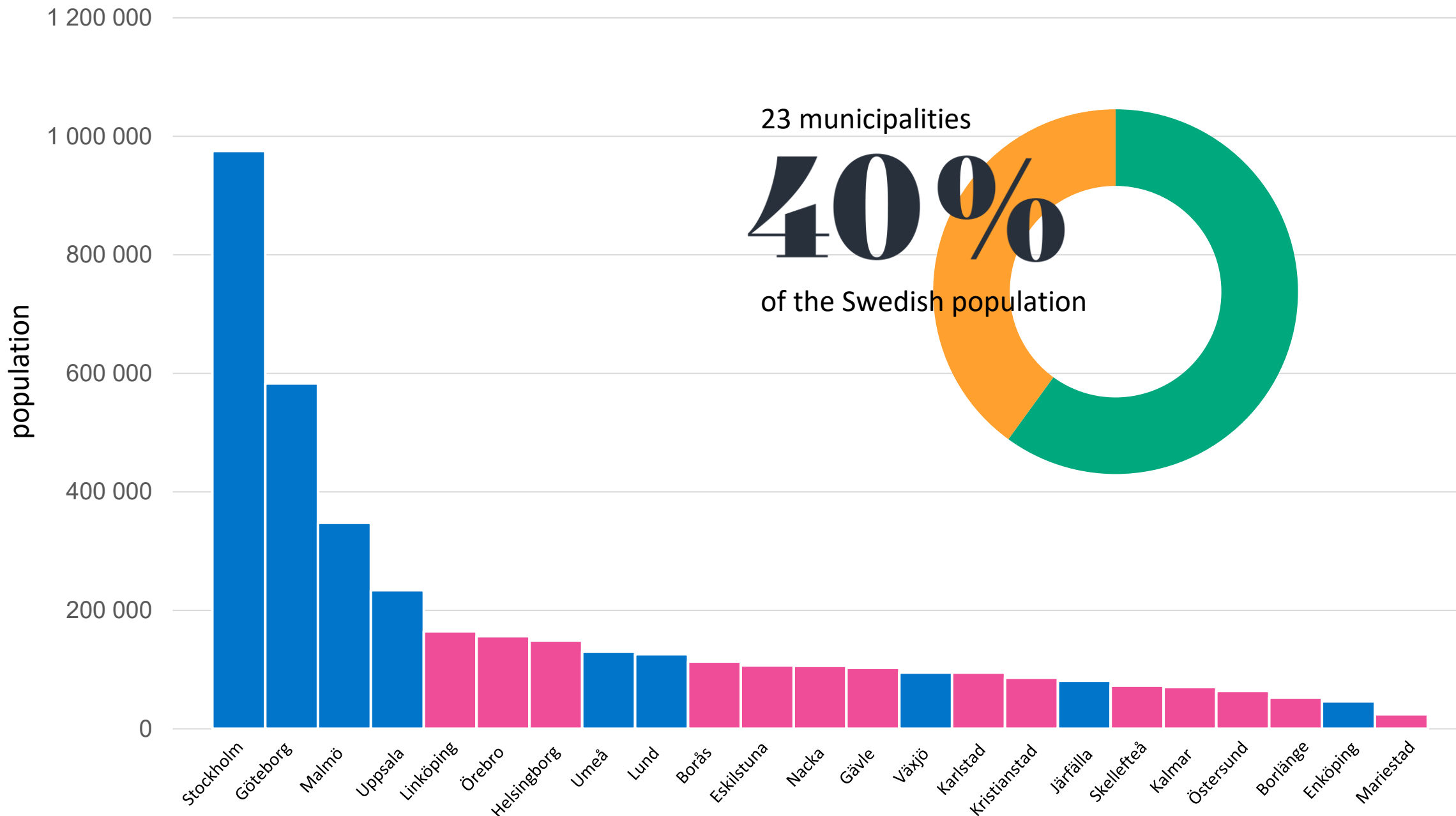
# 23



Legend:

-  = wave 1
-  = wave 2









*Annual signing ceremony at European Viable Cities Day. Photo from December 8, 2022.  
Mayors, Director Generals of government agencies and Viable Cities.*

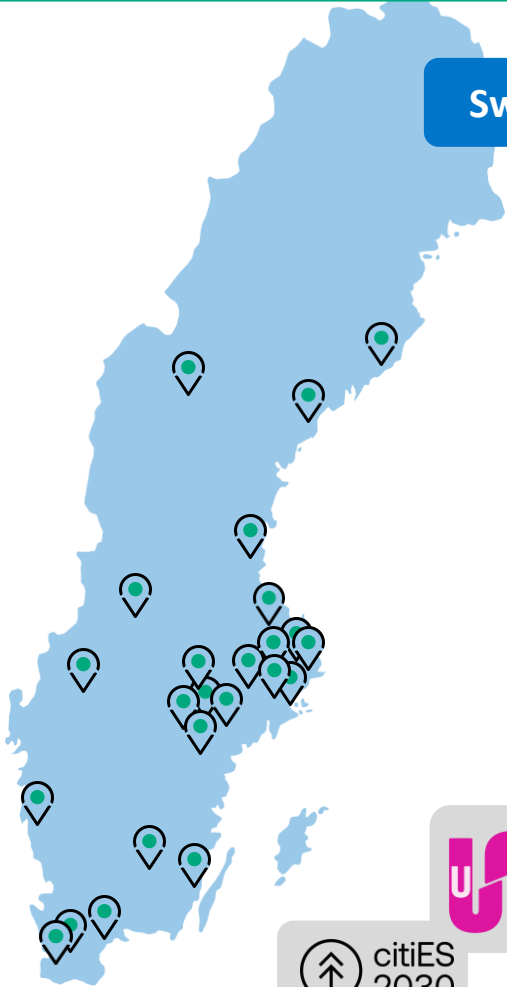


# Mission: Climate neutral cities 2030

– with a good life for all within planetary boundaries



## Sweden



## Europe



## Globally





# Lund University Thematic Collaborative Initiatives



# Lund University Thematic Collaborative Initiatives #1

One of the university's tasks is to contribute to solutions to key societal challenges. To succeed in this, broad interdisciplinary collaborations within the academy are required in conjunction with activities outside the university.



Lund University's thematic collaboration initiatives are meeting places for knowledge sharing and development within specified problem areas.

Common to the various initiatives is that they are cross-disciplinary, include several faculties of LU, as well as external partners in Sweden and the world.

On-going collaborative initiatives:

- [Artificiell Intelligens | AI-Lab](#)
- [Cirkulär biobaserad ekonomi | LUBIRC](#)
- [E-hälsa | e-Health@LU](#)
- [Enhanced Value Relevance and Credibility of Sustainable Information | EVRACSI](#)
- [En hållbar cirkulär byggindustri](#)
- [Förbättrad beredskap för framtida pandemiutbrott | PREPARE](#)
- [Hållbar markanvändning | LU Land](#)
- [Hållbar vattenanvändning | LU Water](#)
- [Intelligent Intelligence](#)
- [Klimatomställningens berättelser](#)
- [Kulturarv, migration och mobilitet i ett öppet demokratiskt samhälle](#)
- [Nanosäkerhet | Nanosafe4all](#)
- [Sociala rättigheter och boende för den äldre befolkningen](#)
- [Syntolkning för tillgänglig kommunikation](#)
- [Teknikutveckling och tillämpning av drönare | UAS@LU](#)
- [Tidig diagnostik av Alzheimer | EDAP](#)
- [Tillsammans över tröskeln till framtidens klassrum](#)
- [Urban Arena Testbeds](#)

<https://www.lu.se/forskning/tematiska-samverkansinitiativ>



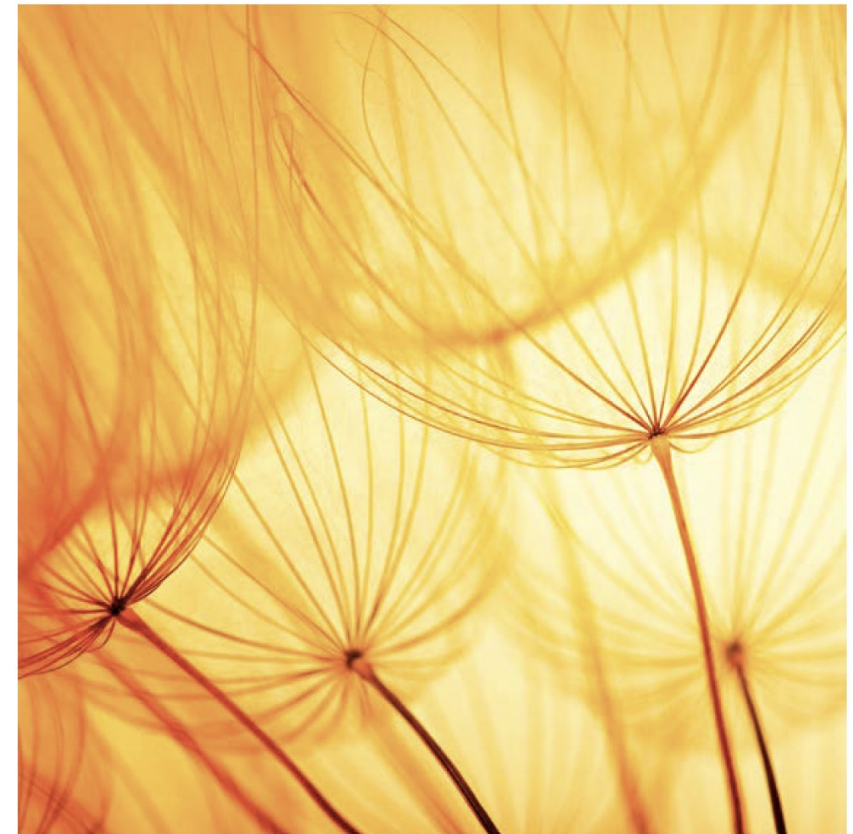
# Lund University Thematic Collaborative Initiatives #2

- Launched in 2017
- Duration: three years possible another 2 years
- Funding: 1 MSEK/year
- Total investment by Lund University approx. 75 MSEK
- Total number of initiatives of today is 20.
- 4 new proposals will run 2023-2025.
- Aimed at a group of actors who want to **jointly address** a societal challenge.
- Focus on societal impact.



Förstå, förklara, förbättra

TEMATISKA SAMVERKANSINITIATIV | LUNDS UNIVERSITET

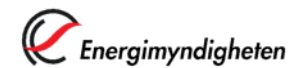




THANK  
YOU!



Med stöd från



Strategiska  
innovations-  
program