#### Session 3: Method: the role of enablers of Digital and Green Transition / Life Science & Health

- Petter Hartman, CEO, Medicon Village Innovation
- From policy to practice: Kajsa Paulsson, Professor of Medical Genetics & Division of Clinical Genetics, Lund University, presents project HARLIC (increasing life science research and innovation infrastructure synergies in Northern Europe)

#### Moderation: Ida Åstrand, Region Skåne



A BRIEF INTRODUCTION TO

# LIFE SCIENCE IN SKÅNE

PETTER HARTMAN, CEO MEDICON VILLAGE INNOVATION



## SWEDISH LIFE SCIENCE IS GROWING

# 60,000

Employees in the life science sector

3,000

Life science companies

2nd

Medical & pharmaceutical products is the 2nd largest export category

# 100 bn

Value of export in 2021 (SEK)

3%

Swedish life science GDP-value



## **MEDICON VALLEY**

countries

cluster

regions

The leading life science cluster of the Nordics

million inhabitants

## 4

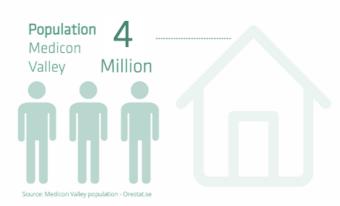


#### 9 universities and learning institutions perform life science researchin Medicon Valley

Area



5 science parks in Medicon Valley completely or significantly focus on the life sciences



65,000 Employees in the private life science sector in Medicon Valley

#### 21.000 km<sup>2</sup>

**28** Total number of hospitals in Medicon Valley redicon valey vale

Source: Copenhagen Capacity and Invest in Skåne



#### BUILDNING BLOCKS OF DEVELOPMENT



## LIFE SCIENCE IN SKÅNE

Life science in Southern Sweden is growing. The science parks continue to expand, and the number of start-ups continue to increase

## 7500

employees in the private life science sector in Skåne

## 420

number of life science companies in Skåne

1500

new life science positions created in Skåne since 2015

## 100

newly established life science companies in Skåne since 2015



### MAIN PRIORITIES FOR LIFE SCIENCE IN SKÅNE

Better conditions for clinical research and access to testbeds

2 Better conditions for health promotion and disease prevention

Better conditions for talent attraction and talent retention

Better conditions for commercialization and increased internationalization





#### INVESTING FOR THE FUTURE

2.2 Billion EUR is invested in Medicon Valley's latest beacon, comprised of the material research facilities MAX IV and European Spallation Source

The European Spallation Source (ESS) is a multi-disciplinary research facility based on the world's most powerful neutron source

MAX IV Laboratory is a Swedish national laboratory providing scientists with the most brilliant X-rays for research. MAX IV was inaugurated 21 June 2016.

### THANK YOU FOR LISTENING!

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An initiative of the European Union

## CLUSTERS MEET REGIONS

### MALMÖ 15.16 SWEDEN JUNE 2023

CLUSTERS AS BOOSTERS OF INNOVATION IN INDUSTRIAL ECOSYSTEMS



ි ගි Sustainable Business Hub



Livsmedelsakademin







.....

MOBILE

packbridge



#SingleMarket30

### Hanseatic Life Science Research Infrastructure Consortium (HALRIC)

Kajsa M. Paulsson Faculty of Medicine, Lund University







LUND UNIVERSITY



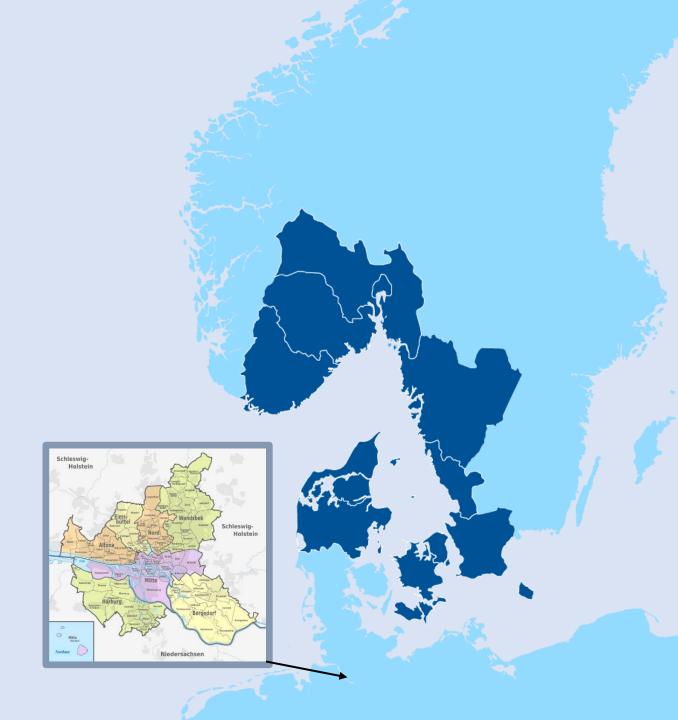


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#### HALRIC

Project time: 2023-04-01 to 2026-03-31 Budget: 11,2 million € Number of countries: 4 Number of partner organisations: 21 (+2) (lead partner: Lund University)

HALRIC will increase the innovation capacity in life science through improved cross-border utilisation of unique research infrastructure.





**Interreg** Co-funded by the European Union 21 partner organisations open for collaboration with MedTech, BioTech and Pharma companies



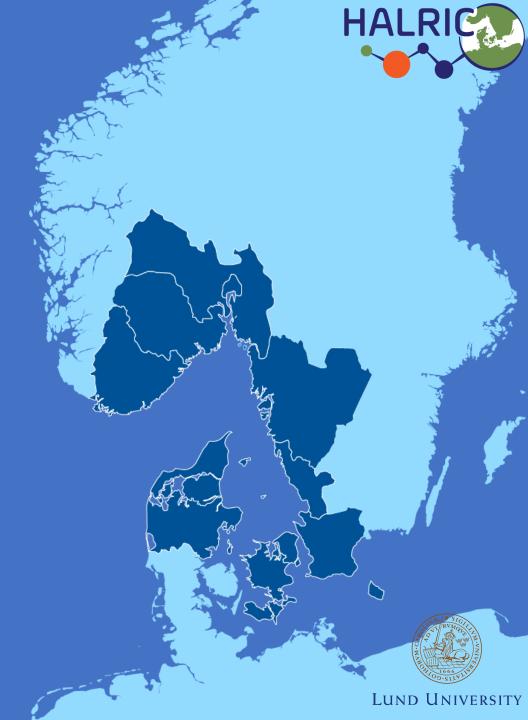
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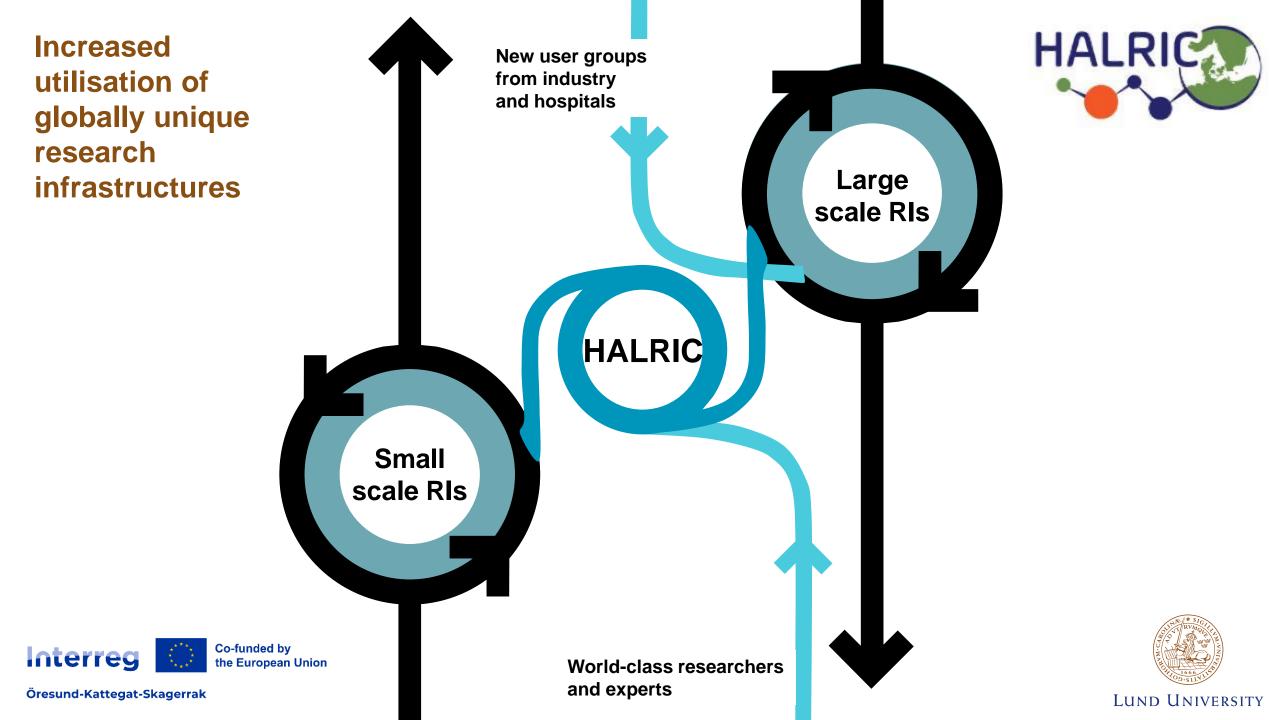


Europeiska unionen

Öresund-Kattegat-Skagerrak

## WP2 -**Cross Border Innovation** and Research







#### Large scale research infrastructures





Petra III, DESY Synchrotron Hamburg, Germany



European XFELSchenefeld, Germany







MAX IV, Lund University Lund, Sweden

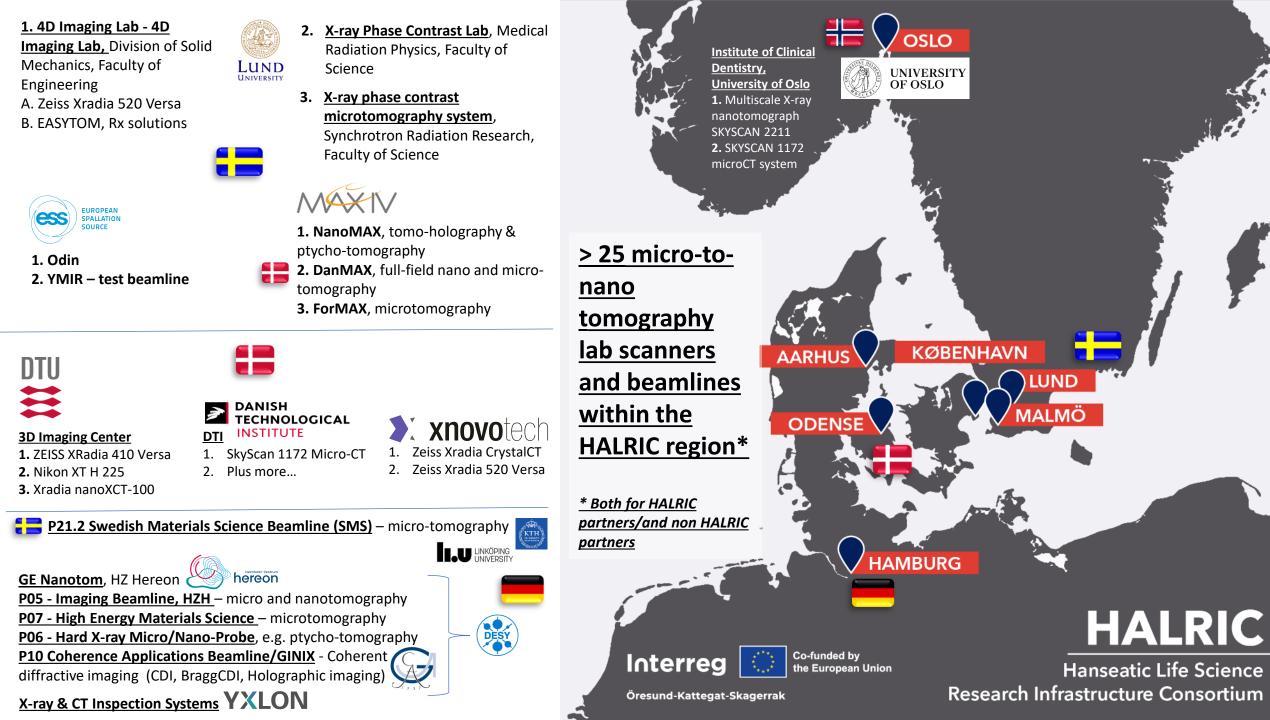
LUND UNIVERSITY

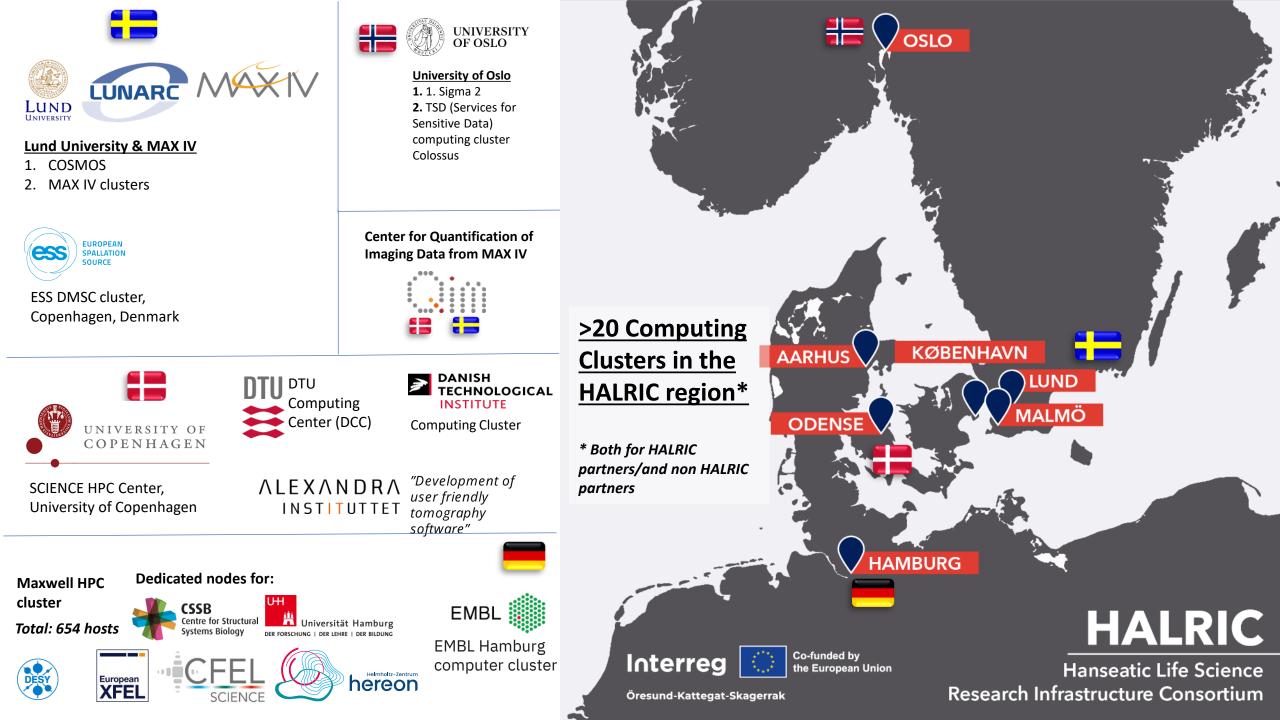




ESS – European Spallation Source Lund, Sweden







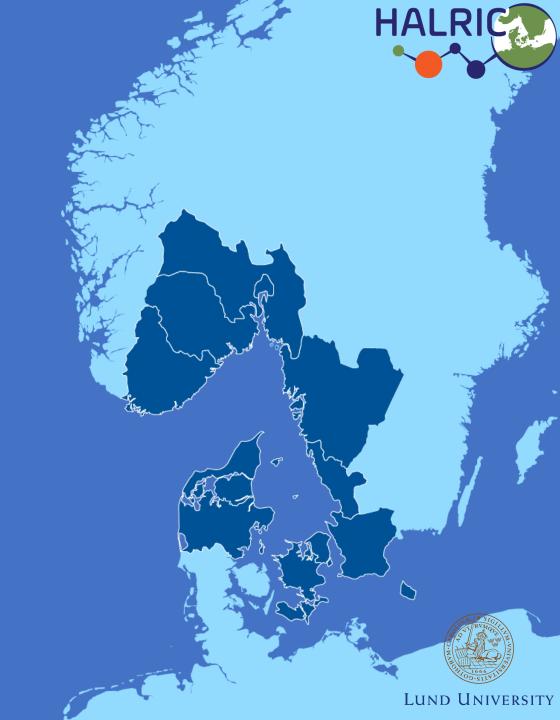


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### WP3 - Hanseatic Science Cloud

A Hanseatic Science Cloud for immediate access to data wherever it is produced

A prototype cloud solution for management and handling of large data sets





Europeiska unionen

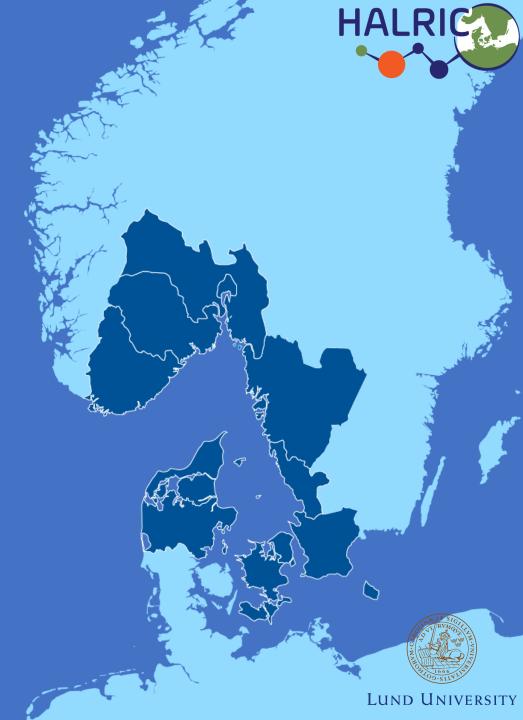
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### WP4 - Strengthening the regional life science ecosystem

Strengthening the life science ecosystem within and across the ÖKS-Hamburg regions

 $\triangleright$  A joint understanding and visibility of capacities.

> A joint dialogue of strategic and practical nature between all types of life science organizations.



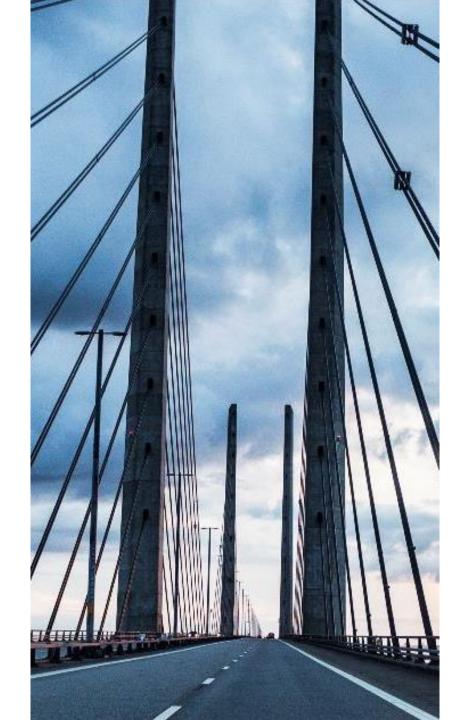
## Thank you!



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# COFFEE BREAK









HUC St.

SKANF

MEDIA EVOLUTION

> MOBILE HEIGHTS

packbridge

Clusters