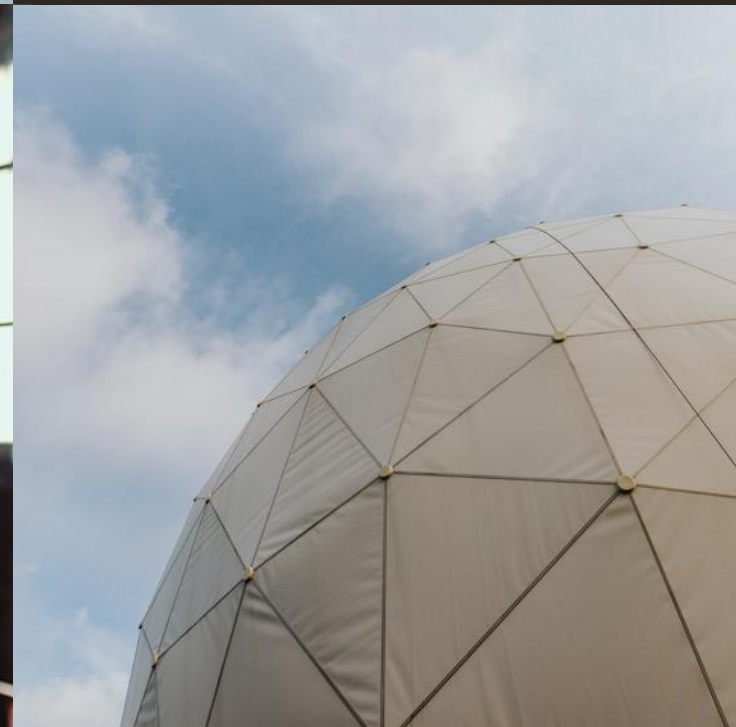
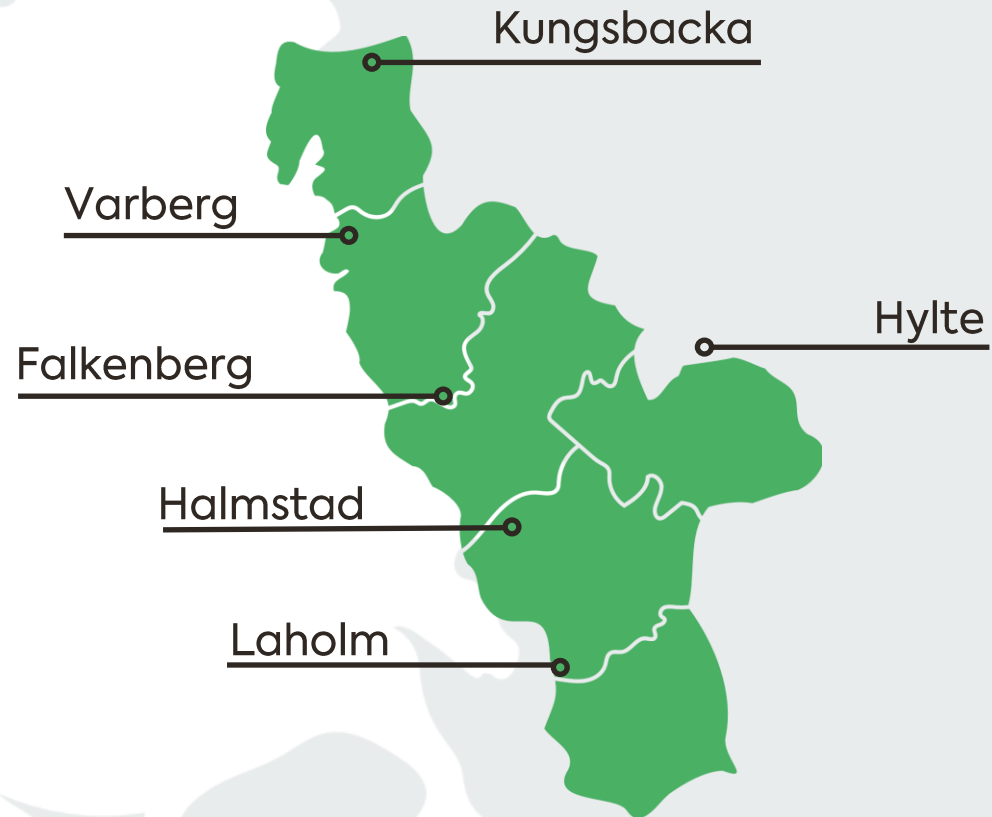




# Digital Technology Mapping 2022



## Preview Studies IT Capabilities



## Important activities within the region

- Strategy for sustainable growth & Smart specialisation 2021
- Development Port of Halland
- Taking the temperature on the municipalities
- COVID-19 impact on skilled labour
- City development projects in the region



## Some observations



- **Untapped potential** in skilled labour/collaboration with Kungsbacka
- **Potential in transformation** from companies ready to take a leap
- Demand for more **external board members**
- **Start-up scene** Halland vs big city areas
- **E-commerce, Business system and Enterprise IT cluster**
- **IoT/Embedded/Security clusters**



## Some observations

Role	2019*	2020	2021	Total
Project manager	6	12	10	26
Back-end/Cloud	9	24	29	57
Front-end	9	11	14	32
Fullstack	9	14	16	37
UX/Design		6	6	12
SEO	3	2	1	4
Business system	6	20	11	37
IT-Hosting	5	12	9	25
IT-Technicians	6	10	8	21
Sum	53	111	104	268

Source: IT Halmstad



## Networks | Initiatives | Institutions

- Halmstad Node AI Sweden
- High-five
  - Carve out program
  - AI.M
  - Incubator
  - Virtual meeting place
- Leap for life
- Potential Vbg
- Alexandersoninstitutet
- Halland Tech Week
- Hallifornia
- TEK IUC
- University of Halmstad
- Campus Varberg
- Campus Laholm
- Elektronikcentrum
- maistr.se
- Connect Väst
- FBG Invest
- Halland Invest
- Techella
- Webb helt enkelt
- IT Halmstad
- Varberg IT
- Cirkularitet Kartan (RISE)
- EMC (Energi och Miljö Center)
- Impact House Halland
- VBG Energi IoT-network
- Web3 Node Falkenberg
- The Swedish armed forces
- Hylte Industry cluster
- Digitalisation network from the Region

# Networks | Initiatives | Institutions

Starting point for fulfilling the vision is  
**Electronics Centre in Halmstad (ECH)**

Kunskapsöverföring

Maker spacee

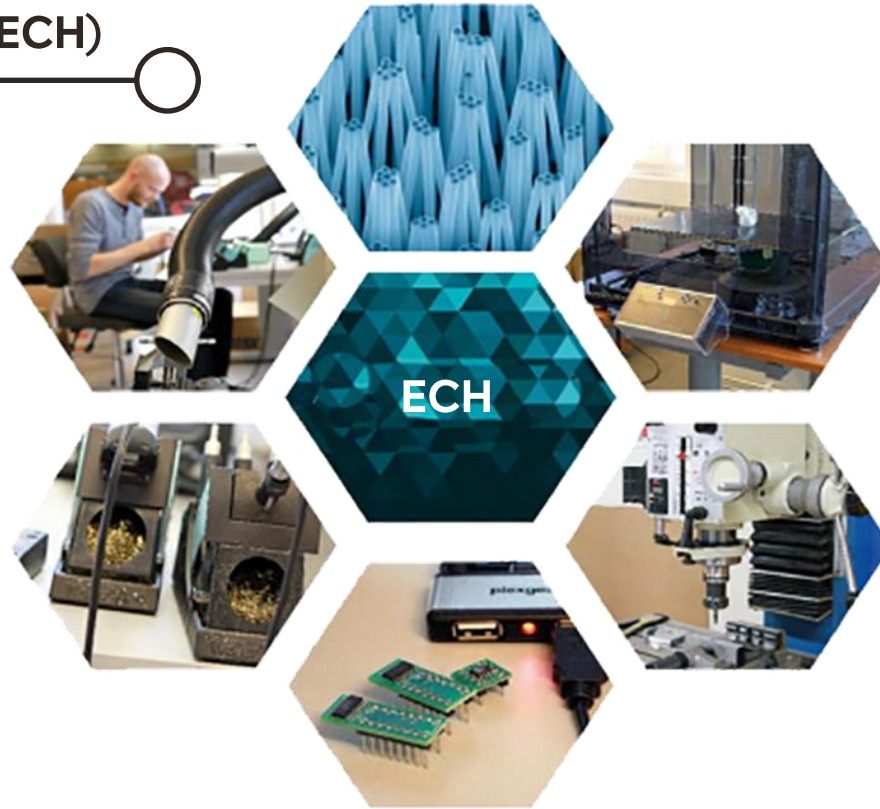
Samverkansarena

ECH

EMC test site

Research

Education





## Electronics Centre in Halmstad (ECH)

is an innovation arena for regional collaboration. It is also a test facility, with for instance EMC testing, which can lead to a faster product development for companies.

- Practical collaboration with the surrounding society and business sector to support the development of products and innovations.
- Teaching in electronics with a focus on IoT and wireless communication.
- Supporting research on new methods and products based on embedded systems and wireless communication.





Kungsbacka

Today approximately 15 000 white collar workers commute to Gothenburg from Kungsbacka and 4 000 white collar workers commute to Mölndal.

Adding the fact that corporate services is the largest categories of business (not the biggest employer in the municipality though) there is probably an untapped potential within the region of Halland as this group is not today utilized in the region.

Approximately 50 – 60 % of the companies within the municipality have less than 10 employees and there is no company that have more than 200 employees.

The largest employer in Kungsbacka is Mediq Sverige AB with approximately 180 employees.



## Selection of IT/Tech-companies:

Talkpool, Sonitor  
Technologies, Visible  
Care, Tura Scandinavia,  
RGNT Motorcycles

## Kungsbacka IT-Industry

Dominance of self-employed consultants.

Some larger IT/Tech companies within the municipality are Talkpool, Sonitor Technologoise, MusicTribe and Propoint.

Within automation it is worth to mention that Martinsson have their sales offices in the municipality.

Having wholesale and e-commerce in focus Tura Scandinavia should also be mentioned from an IT-perspective.

A map of Sweden with the Varberg municipality highlighted in green. The municipality is located in the western part of the country, along the coast. A line points from the label 'Varberg' to a specific location within the green-shaded area.

Varberg

Forest and process industry together with shoes, retail and hospitality (having Spa and Camping in mind) are established industry within the municipality.

The focus on circularity and material design have grown a lot the last couple of years.

Larger employers within the area are Södra Cell, Derome and Ringhals.



## Selection of IT/tech-companies

Ekkono, Relieved  
Technologies, Vertiseit,  
Turn Consulting, Turon  
Medtech, System  
Installation, Yoin  
Technologies,  
Mediateknik

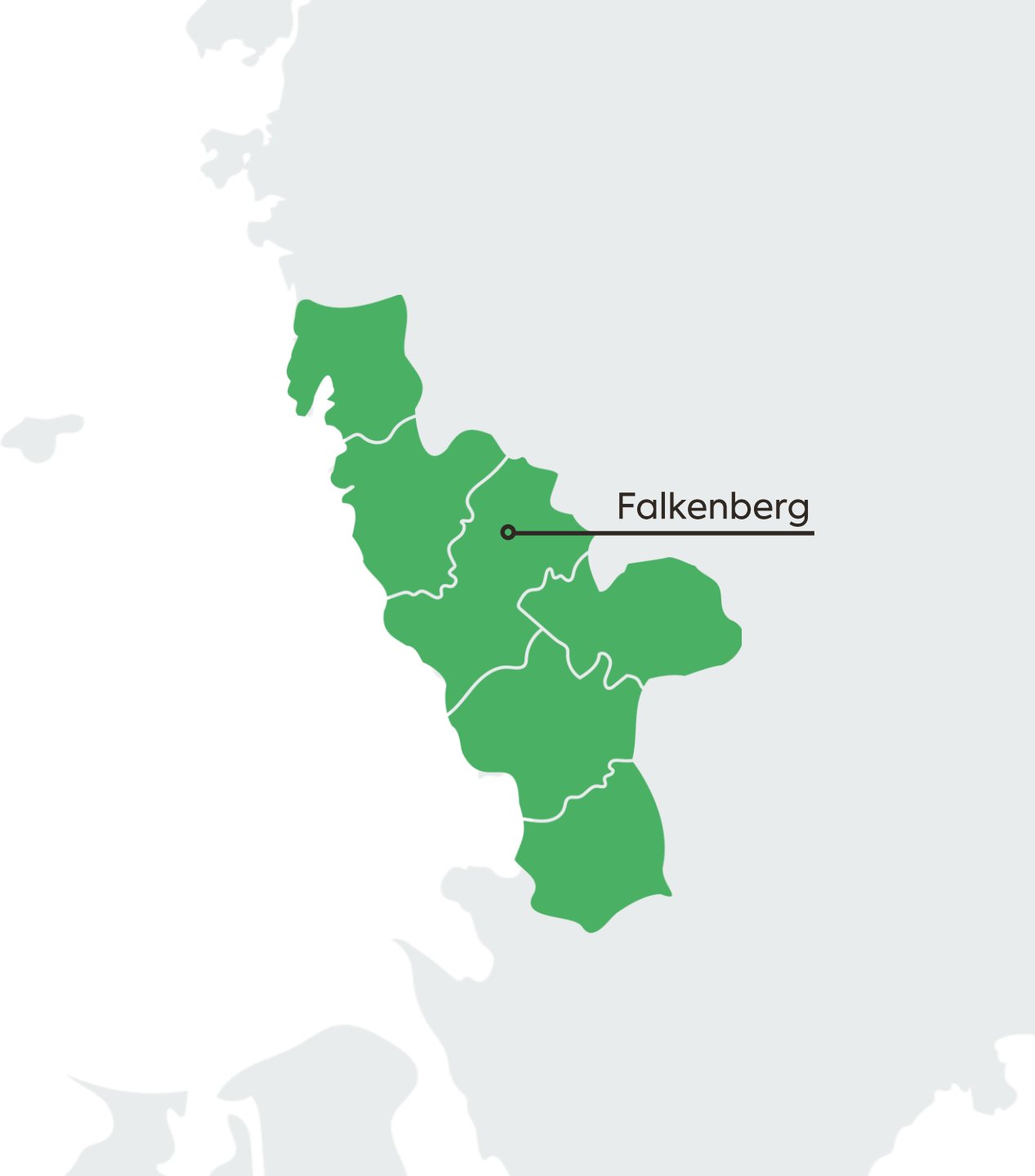
## Varberg IT-Industry

Historically scalable IT solutions to the B2C market has seen to be in focus in Varberg having for example companies such as Lunarstorm, Mötesplatsen.se, Cashbuddy and Arvato Finance in mind.

The consultancy market has high potential where some initiatives, such as Varberg IT, exist to drive knowledge transfer and collaboration. The system and software development program at Campus Varberg together with the Datalab is worth mentioning within this context.

Also interesting to mention is the digitalisation journeys at Varberg Energi, Nilsson Group and Cycleurope.

Varberg Energi IoT initiative is especially worth mentioning where they drive an IoT forum with companies owned by the the municipality.



The municipality is primarily focusing on Food-tech where most recent establishment is Mycorena.

Within the area Falcon/Carlsberg, Gekås together with Berte Group are well established employers.

A dental cluster with Unident and Dentalmind should be mentioned together with Glesys and Engelson who are doing innovative work withing hosting and e-commerce.

FBG invest should be mentioned as an important enabler for future growth and innovation.





## Selection of IT/Tech-companies

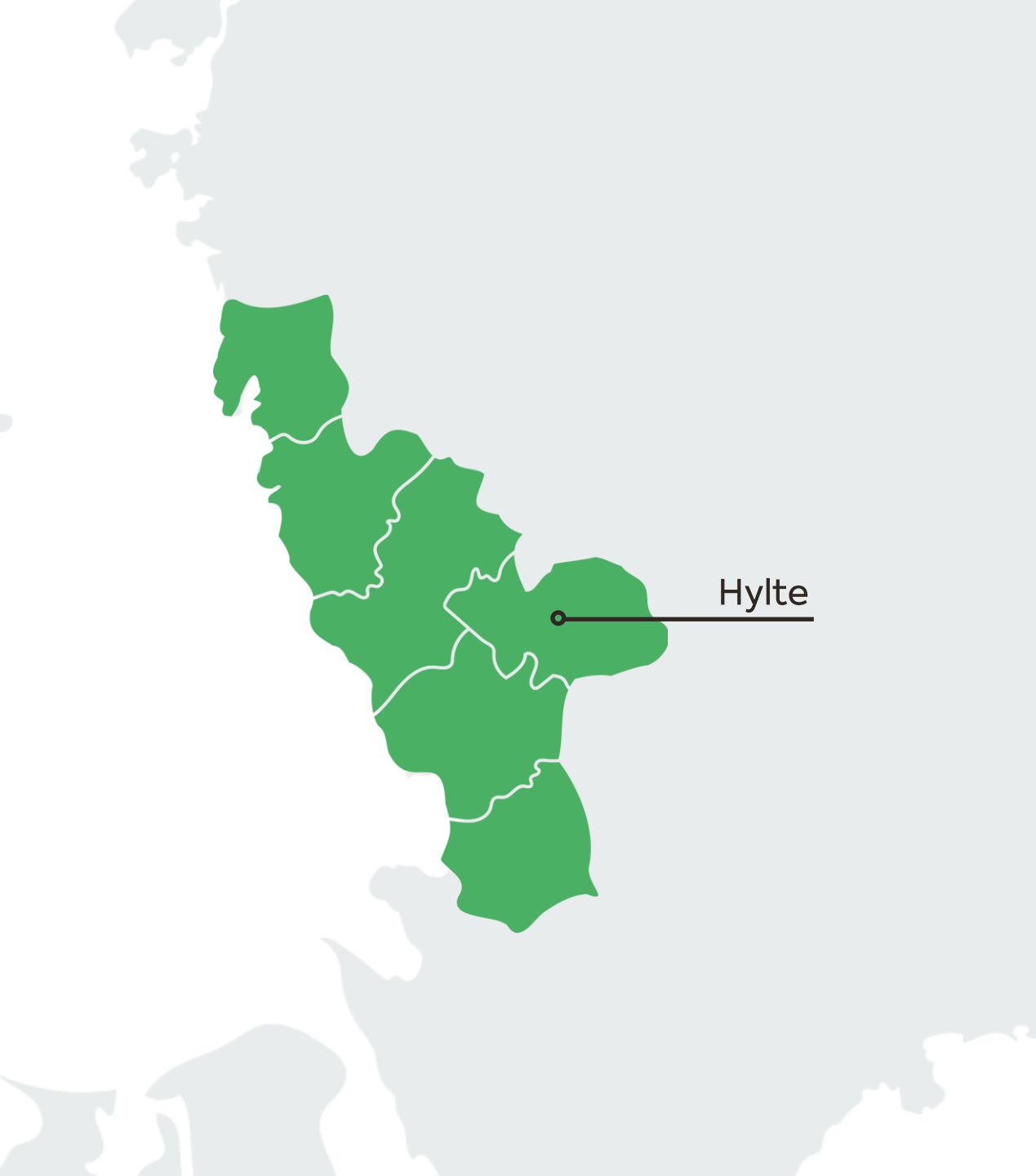
Glesys, Engelson, Randek, Vårdväskan, Matpriskollen, Nordic game keeper

## Falkenberg IT-Industry

Retail focus is apparent with Gekås, the area has also been good at growing companies such as Vårdväskan, Matpriskollen, Norddesign kök who all have grown a lot the last couple of years. Engelson is also a driver within digital transformation in e-commerce having solutions for example within payment and logistics.

Within the municipality there is a strong hosting focus thanks to Glesys.

An automation cluster with Randek, System Hall and Core Link exists within the area. Noticeable is that they are all focusing on different industries where Randek is for example highly profiled on a national level in the building automation area.



Historically Stora Enso has been the largest employer within the municipality but during the last years a shift towards other manufacturing industries can be noticed.

The municipality is close to the region of Småland which shows as a lot of manufacturing companies reside in the area.

In general there is a demand for automation skill-set.



## Selection of IT/tech-companies

Hylte Jakt och  
Lantmän, CE Produkter,  
Gnotech

### Hylte IT-Industry

No specialisation or clusters within IT and Tech has been observed.

Decon wheels, Gnotech, CE Produkter and Unnaryd model are all examples of companies within the area who are on a digital journey from an industrial stand-point having a need (with some variation) for automation, IoT, AI and cloud skill-sets.

Hylte Jakt och Lantmän is an interesting company from an e-commerce perspective.

A map of Sweden is shown on the left side of the image. The country is divided into several regions, which are highlighted in a solid green color. A black dot is placed on the western coast of Sweden, specifically in the region of Halland. A horizontal line extends from this dot to the left, ending at the text 'Halmstad'.

Halmstad

There is a natural focus on innovation, AI, Business systems, IoT and Cyber Security within the municipality both thanks to strong private actors such as Swedlock, Phoniro, 365ID to public actors such as High-five and of course the university.

Having the AI lens there is still growth potential within the domain where the incubator High-fives is a natural accelerator for the regions companies.





## **Selection of IT/Tech-companies**

**Consultancy Tech:** HMS Networks, Bambora, Getinge

**Video/E-commerce:** Qiwio.io, Spotterfish.io

**IoT/Cyber Security:** HMS Networks, Swedlock, Phoniro, Raytelligence, 365ID

**Consultancy firms:** See IT Halmstad webpage. Jayway, DH Solution should be specially mentioned as skilled consultancy firms within the municipally. Also, Etteplan with focus on IoT, Embedded and Consid with focus on E-commerce.

**Business systems (surrounding processes):** Bambora, Quicksearch, Entergate, Littlefish, Montania, r360 Resort Systems AB, PS Provider  
**AI:** Specially mentioned by High-five Ensolution, Turon medtech.





Laholm

Approximately 5000 registered companies, 1200 active, no larger employers. Largest is Diab Group with approximately 240 employees.

About 1000 companies work within agriculture, forest and livestock industry.

Fun to mention that the assembly education at Campus Laholm is collaborating with Koenigsegg in Ängelholm.



## Selection of IT/tech-companies

Meta Bytes, Wekudata

### Laholm IT-Industry

Lagafors and Spitze should be mentioned from their investments in AR that is focusing on the use-case remote assistance.

Otherwise, Meta Bytes is the shining star within the municipality from an IT/Tech perspective.

Also, Wekudata from a more traditional consultancy and hosting perspective is well worth mentioning.

## Halland : Business systems | Enterprise IT

SCHOTTENIUS  
& PARTNERS



GRAMTEC



quicksearch  
feedback solutions

Greentime



carmona

entergate



Montania  
smarta webb & affärssystem



PS PROVIDER



Microsoft  
Gold Certified  
Partner



TRAVEL  
CLEARING

dh|anticounterfeit™

CORSEARCH®



arvato  
BERTELSMANN  
Financial Solutions



YOUR IT  
en del av mavshack



autostock.

MÖTESPLATSEN  
Vi älskar kärleken



join



Popit  
bolaget  
Kassasystem - Betalterminaler  
popitbolaget.se

turn.  
consulting

# Halland : Security | Iot | Embedded | Network | Automation



## Halland : Hosting | Workplace solutions | Consultancy



MILLSYS



SWEROLAB

forefront

DIGITAL  
CREATION.



Etteplan

CCMBITECH

dh solutions



EffectSoft



META BYTES

Hemsida24

turn.  
consulting

cityweb



easycom

Rendervision

bosbec®



CONSID

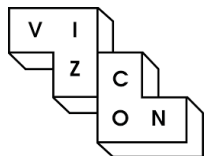
WE  
KULDATA

M E D  
MEDIATEKNIK



ETIKIT  
ENGAGEMENT HELT ENKELT

b>more



GleSYS

oderl@nd  
ODERLAND WEBSHOTELL AB

elitdata

NORDLO



## Halland : Retail | E-commerce | Hospitality



## Halland : Deep-tech | Health-tech | Enterprise & Manufacturing



HEMSTAD

**martin &  
servera**

**HALLANDS  
HAMNAR**  
PORT OF HALLAND

**BILTEMA**



**RGNT**  
MOTORCYCLES

**LAGAFORS**



Ensolution.



**ce** produkter

relieved.  
TECHNOLOGIES



phoniro  
ASSA ABLOY

dental**mind**  
DIGITAL X-RAY



**Diab**

**GETINGE**



**sonitor**



**Vårdväskan**  
sätter färg på vården



VATTENFALL



**UNIDENT**

**SPITZE**

ISOVOX

decon  
Creating Freedom

**Derome**



Invest in Halland is a regional investment promotion agency located on the west coast of Sweden. Our purpose is to attract international investments to our region and to develop Halland as a business destination. At Invest in Halland we help international companies invest and expand in our region by offering free and confidential guidance throughout the entire establishment process.



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