

Collaboration business- healthcare and academia for the future of health

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Global Innovation Index 2021 rankings

GII rank	Economy	Score	Income group rank	Region rank
1	Switzerland	65.5	1	1
2	Sweden	63.1	2	2
3	United States of America	61.3	3	1
4	United Kingdom	59.8	4	3
5	Republic of Korea	59.3	5	1
6	Netherlands	58.6	6	4
7	Finland	58.4	7	5
8	Singapore	57.8	8	2
9	Denmark	57.3	9	6
10	Germany	57.3	10	7
11	France	55.0	11	8
12	China	54.8	1	3
13	Japan	54.5	12	4
14	Hong Kong, China	53.7	13	5
15	Israel	53.4	14	1
16	Canada	53.1	15	2
17	Iceland	51.8	16	9
18	Austria	50.9	17	10
19	Ireland	50.7	18	11
20	Norway	50.4	19	12
21	Estonia	49.9	20	13
22	Belgium	49.2	21	14
23	Luxembourg	49.0	22	15
24	Czech Republic	49.0	23	16
25	Australia	48.3	24	6
26	New Zealand	47.5	25	7
27	Malta	47.1	26	17
28	Cyprus	46.7	27	2
29	Italy	45.7	28	18
30	Spain	45.4	29	19

Global Innovation Index 2021

Executive Summary



EUROPEAN INNOVATION SCOREBOARD 2020



SWEDEN

Innovation leader

Sweden is once again the EU innovation leader, followed by **DENMARK**, **FINLAND**, **LUXEMBOURG** and the **NETHERLANDS**

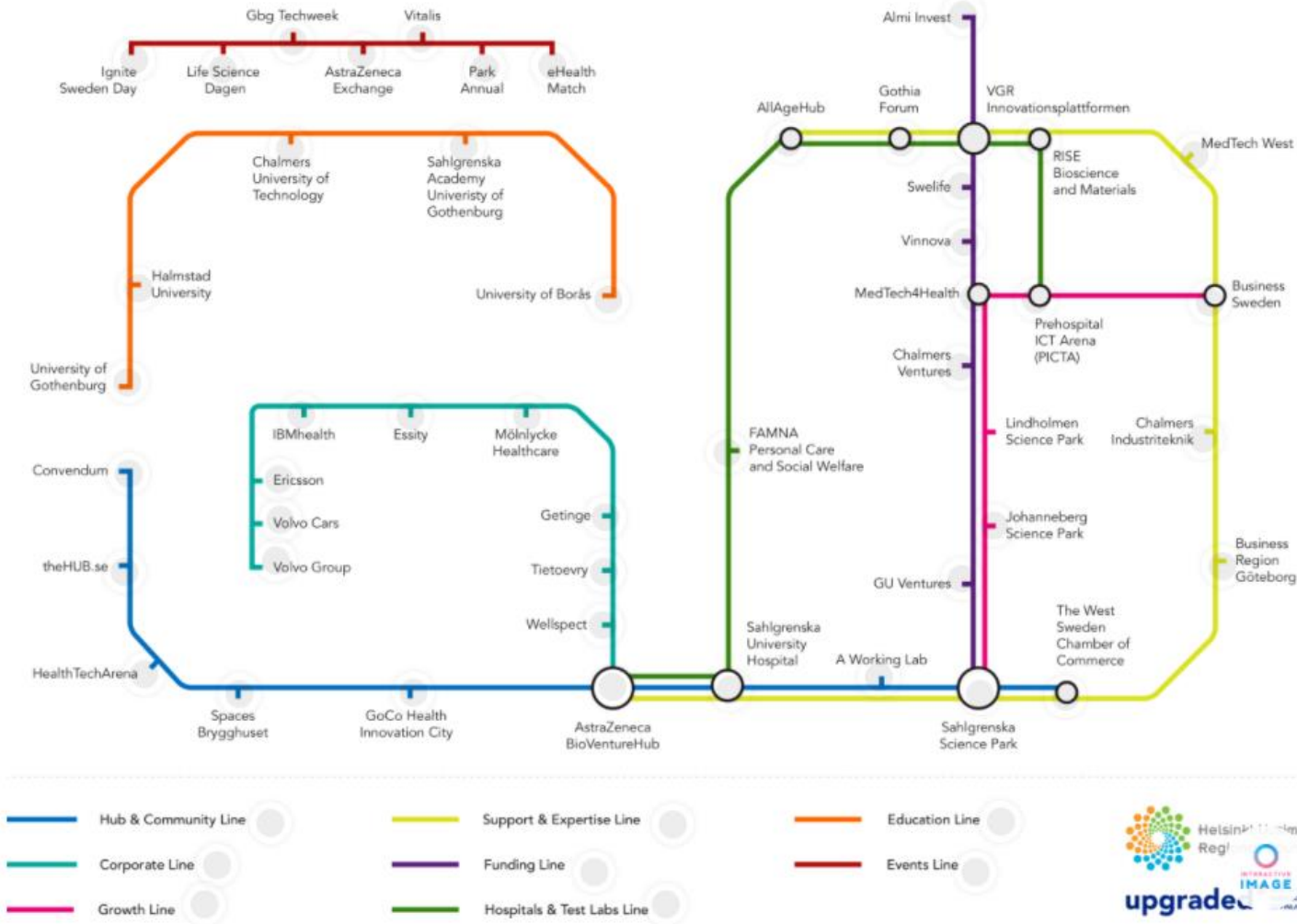


Gothenburg region

Back to maps

The Health Ecosystem Mapping is a project created and developed by Upgraded, powered by Helsinki-Uusimaa Regional Council and turned interactive by Joseph Donnell Benjamin of TechBBQ.

Health Ecosystem Map for Startups Gothenburg Region



Kartan över Göteborgs Life Science ekosystem för Start-ups inom Life Science är utvecklad av finska organisationen Upgraded som jobbar med startup-stöd i Norden.

Den har utvecklats i samarbete med västsvenska aktörer, men är en utomstående organisations uppfattning av vårt ekosystem.

The roadmap of a Dedicated Visionary

2015

One of many stakeholders

A local incubator and business centre

TODAY

An inclusive Open Arena for Life Science in West Sweden

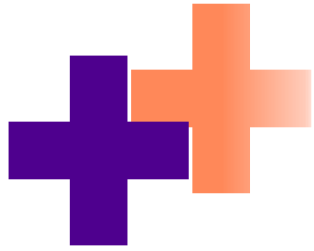
A regionally and nationally renowned life science innovation hub, with a business accelerator focused on healthtech.

2030

An internationally renowned innovation hub

Together with our partners, we have co-created a world class life science region, with sustainable and competitive companies on a global market.





CROSS-SECTOR & CROSS-FUNCTIONAL INNOVATION AND COLLABORATION

- Innovation programmes
- Cluster collaboration
- Trendspotting
- Policy shaping



TAILORED BUSINESS ADVICE & SUPPORT

- Product, Business, Scale, Capital
- Match making
- Access to healthcare verification and procurement



COMMUNITY BUILDING, NETWORKING AND CO-LOCATION

- Offices & Labs
- Events & seminars
- Blogs, editorials and podcasts
- Collaboration with hubs, parks and organisations





We guide you to a position to get lucky



A transformational time in Life Science



Structural factors

- Ageing populations
- Patent pressure & increased generic competition
- Payer pressure
- Informed and demanding patients



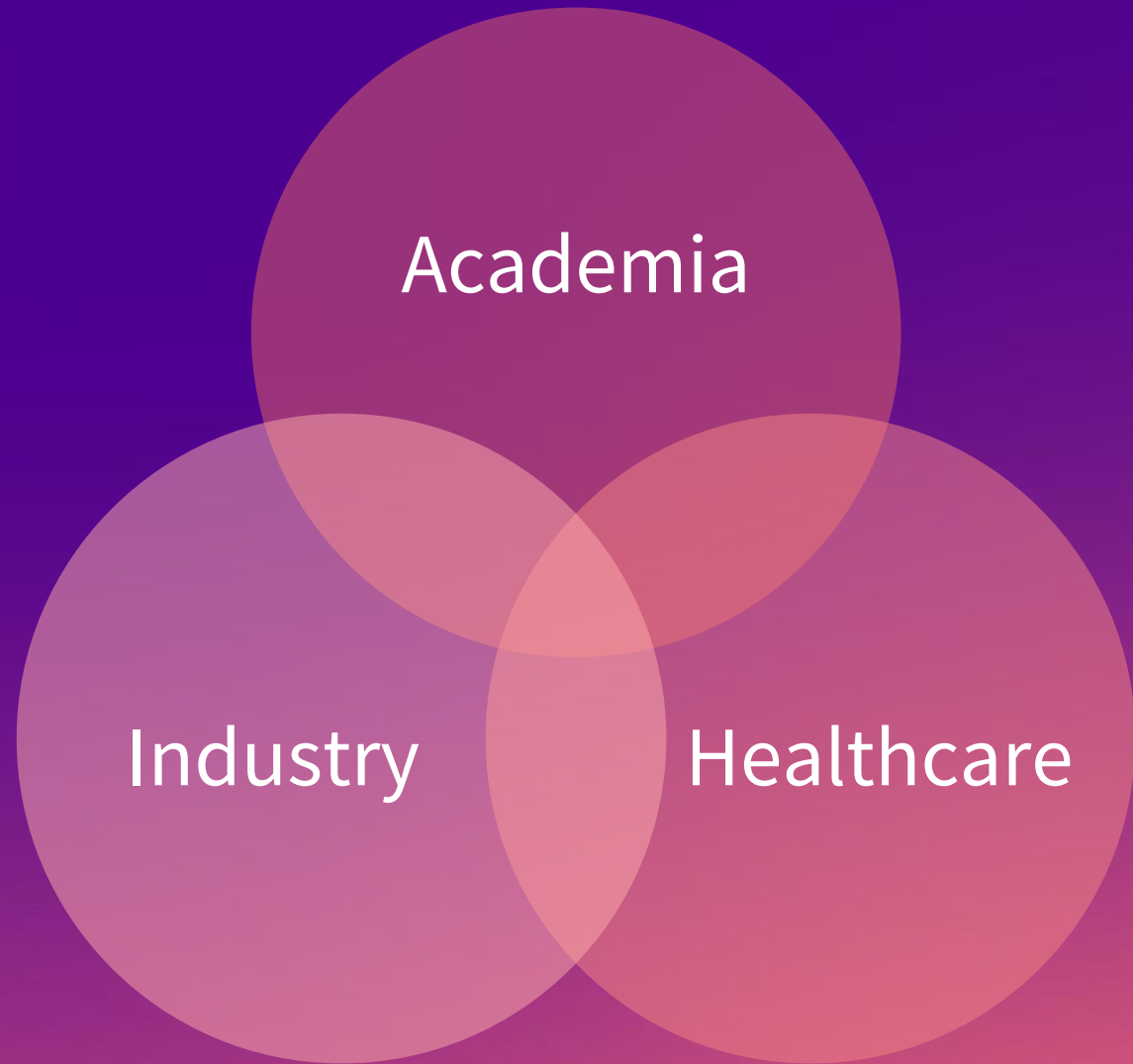
Scientific advancements

- Towards prevention, prediction and early intervention
- Personalised care and medicine
- Regenerative approaches



Digitalisation

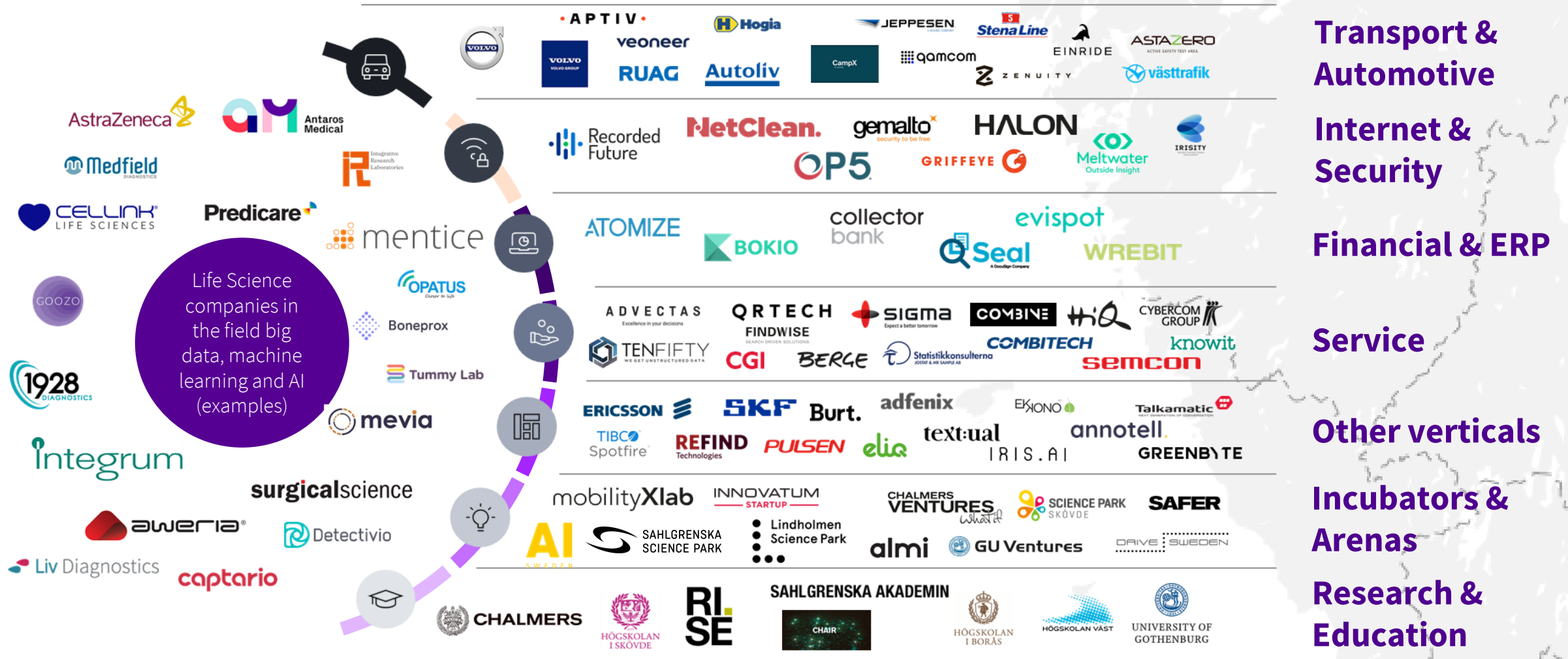
- Personalised society
- Science enabler and accelerator
- The connected individual



INNOVATUM



West Sweden uniquely positioned in digital health



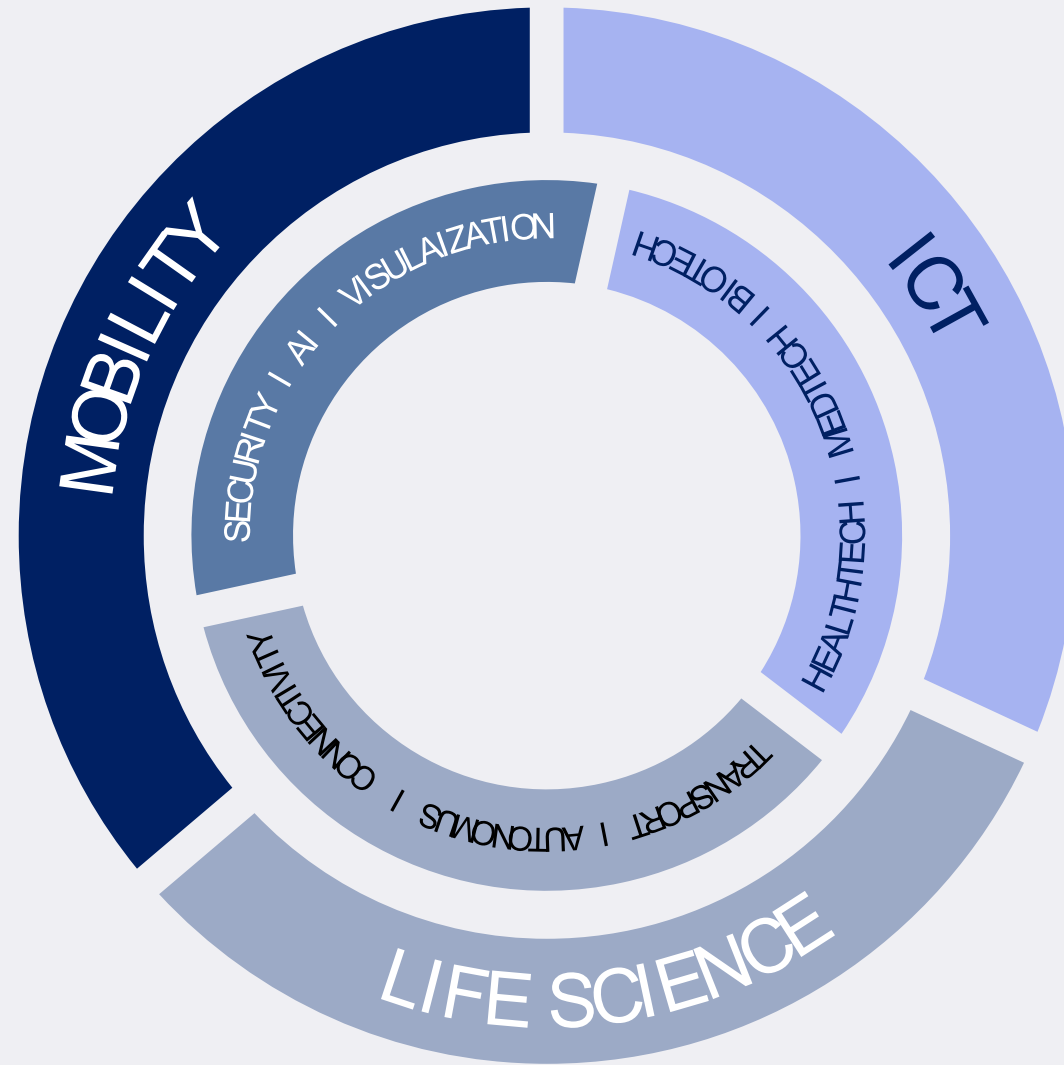
Sector convergence

- Disruptive innovation requires cross-sector knowledge and competence
- Technology platforms and innovations becomes more sector agnostic
- Increased need for de-risking high-tech innovation
- Increased emphasis on regional value chains

“What is good for the automotive industry is also good for life science and companies like AstraZeneca and Ericsson”

Leif Johansson, Chairman of the Board, AstraZeneca





Inn2 Health

Collaboration partners

Sahlgrenska Science Park – Life Science

Johanneberg Science Park – Urban development

Lindholmen Science Park/PICTA – Mobility/ IT & e-health

Science Park Borås – Smart textiles

Science Park Skövde – IT/Gamification

Wargön Innovation – Sustainable materials

MedTech West – Medtech research

Region Västra Götaland –

Innovationsplattformen/procurement



Inn2Health process

Areas of defined need

- Need analysis
- Market intelligence /mapping



Sustainability

- Interactive workshops for CCD participants



Cross Collaboration Day

- Presentation of defined needs & analyses
- Round table discussions



Chosing future directions

Process support

- Business advice
- Networking
- Application support



Inn2Health

Three pre-defined areas of unmet needs in healthcare



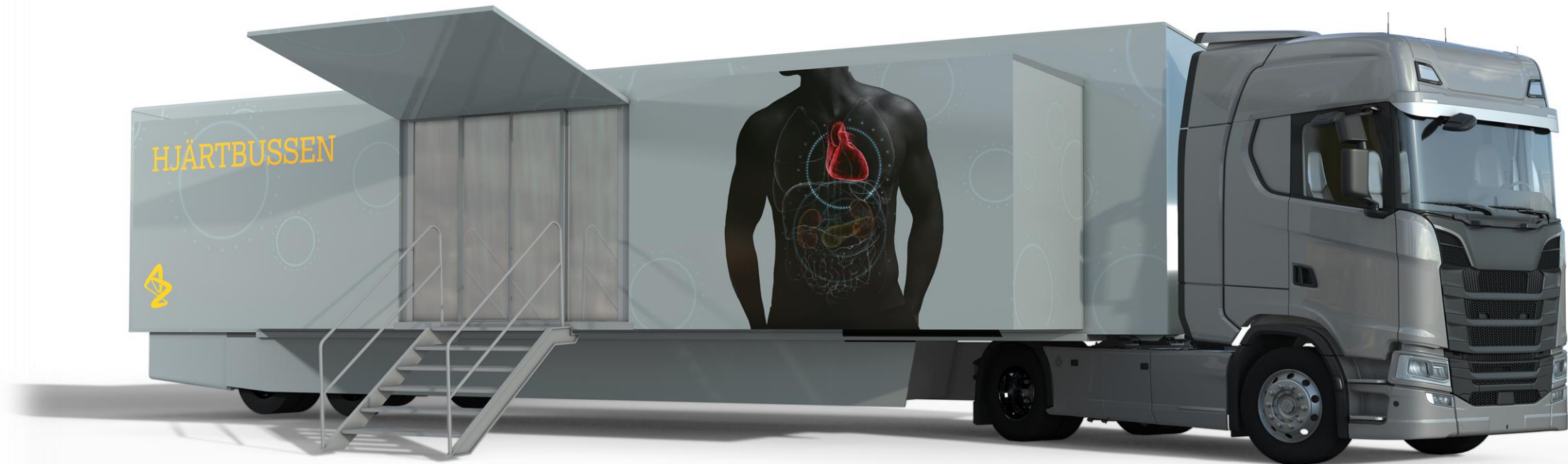
Patients' no-shows for healthcare visits



Personal protective equipment in covid-19 care



Prediction of COPD exacerbations



→ Possibility for advanced cardiovascular diagnostics in a mobile clinic

→ Delivery of critical data enabling faster diagnosis of heart failure

→ Patient characterization in their community



“The HeartBus will enable us to perform in one location three procedures needed for a physician to diagnose Heart Failure, thereby speeding up the delivery of critical data to improve patient's care”

Li-Ming Gan, Head of Early Clinical Development, Early CVRM, AstraZeneca

Thankyou!

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