

ESS & MAX IV: Cross Border Science & Society

Internationell attraktionskraft

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SYFTE/MÅL

Att marknadsföra regionen som en “Hot Spot” för Material & Life Sciences samt öka antal investeringar till regionen.



Producere markedsføringsmateriale

1:1 dialog med virksomheder

Test af styrkepositioner på forskellige markeder

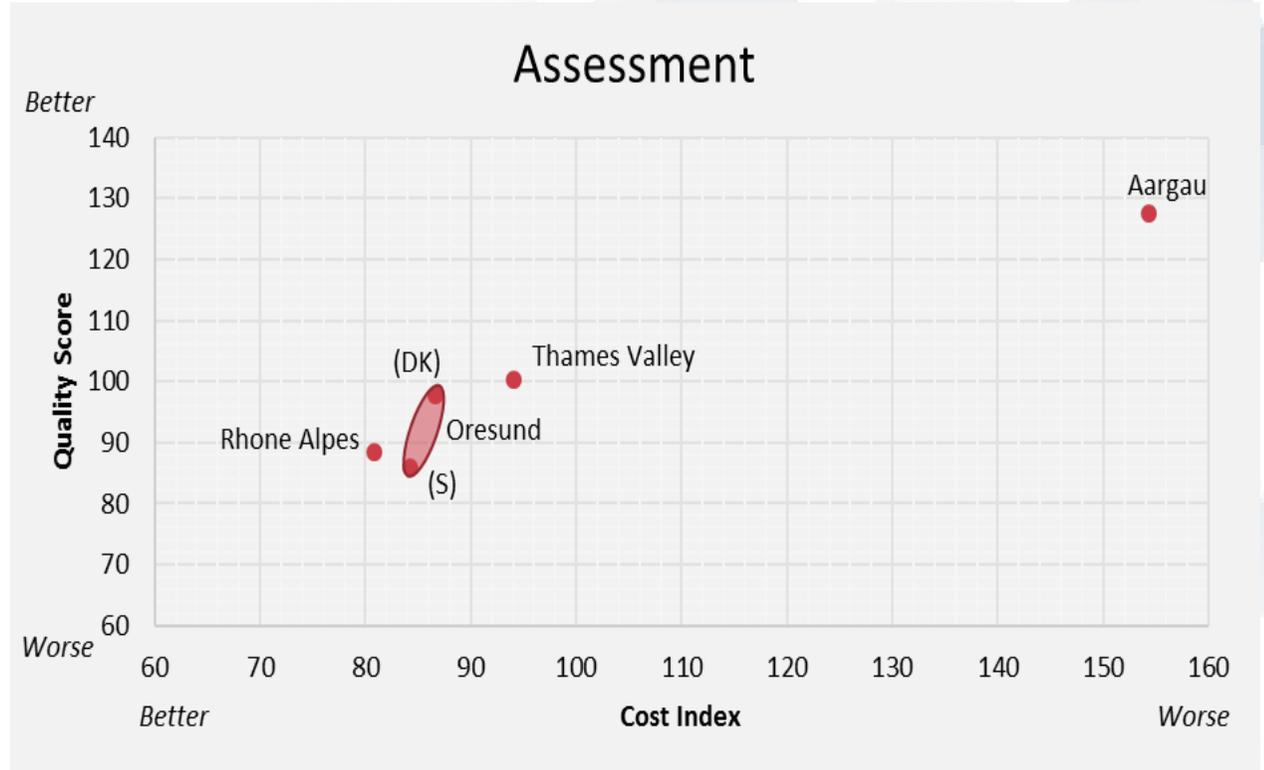
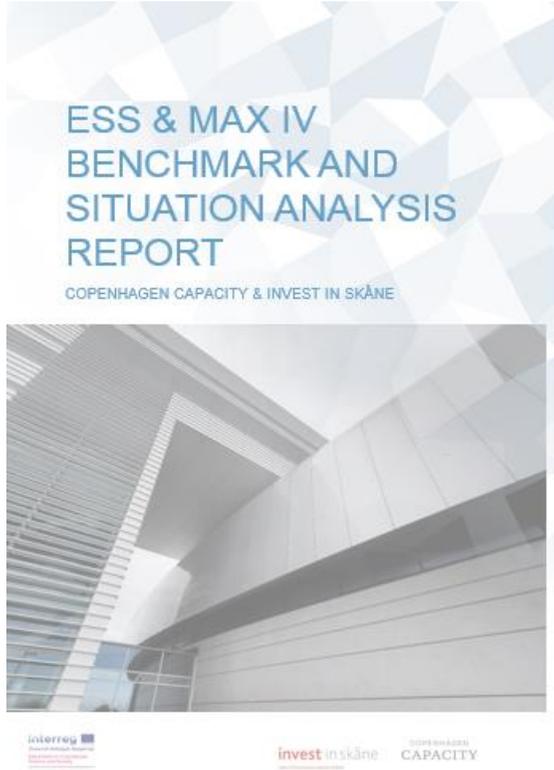
Engagere lokale og internationale stakeholders i vores salg og give dem kernefortællingen

PROJEKTPARTNER



LUND UNIVERSITY

ANALYS RAPPORT



REGIONENS STYRKEOMRÅDEN

CLEANTECH

S T R E N G H T A R E A S	Waste and Recycling	Smart City Solutions	BioGas	Energy Efficiency
	<ul style="list-style-type: none"> Environmentally responsible waste management societies. Strong recycling regional competencies. A solid number of regional companies working with sustainable solutions ranging from using recycled liquids in industrial cooling or heating processes to transferring waste to environmental diesel through a cold process esterification that doesn't require energy in the production of the biodiesel. 	<ul style="list-style-type: none"> The region is a frontrunner in green transformation, renewable energy, recycling and smart city solutions. Significant investments in sustainable mobility and energy consumption and production, smart grid and lighting solutions. Leading green test and demo facilities. Access to unique, high-quality data and electronic registers. 	<ul style="list-style-type: none"> A region with very high concentration of bioenergy competencies. Strong academic and R&D Region with more than 300 technology suppliers. Intensive public funding of R&D and demonstration projects. Skåne produces 25% of the Swedish biogas and a large part of regional buses runs on Biogas. 	<ul style="list-style-type: none"> Strong CleanTech Clusters in the Region. A considerable amount of regional companies working on products and services that involve less environmental impact. A few of regional companies are pioneers in the world of technology to upgrade biogas to vehicle fuel. World leading region in Windpower utilization and energy storage.
	R&D	<ul style="list-style-type: none"> Sustainable Business Hub, Lund CleanTech Scandinavia, Lund CLEAN, Cleantech Cluster - Copenhagen GTS Institutes, Copenhagen The Resource City, a test centre for waste management, upcycling and recycling, Copenhagen Malmö Cleantech City, Malmö The Danish Outdoor Lighting Lab (DOLL) The Kalandborg Industrial Symbiosis The University of Copenhagen 	<ul style="list-style-type: none"> Novozymes Haldor Topsoe Hilacis Veritas Qubano Qubano Orbital Systems Watersplit AgriSpark Airecc Bioprocess Control GIS Energy Option BioMill Blaeflex Clay Technology Catator 	
	Local Company Presence	<ul style="list-style-type: none"> Novozymes Haldor Topsoe Hilacis Veritas Qubano Qubano Orbital Systems Watersplit AgriSpark Airecc Bioprocess Control GIS Energy Option BioMill Blaeflex Clay Technology Catator 		

ICT

S T R E N G H T A R E A S	Internet of Things	Telecommunications & Mobile Technologies	Electronics and ICT equipment	Fintech
	<ul style="list-style-type: none"> A significant hub in IoT technologies. A number of successful companies active across all the IoT verticals ranging from smart payment systems, utility solutions and surveillance to health monitoring. A mobile workforce. Advanced IoT research and strong cluster organizations. 	<ul style="list-style-type: none"> Presence of leading global innovators of audio, video, game and communications companies. One of the most advanced ICT infrastructures in Europe. Excellent research centers and facilities and a strong innovation network. Significant strength in systems design and control, software and hardware design in mobile and wireless systems. 	<ul style="list-style-type: none"> Presence of strong global brands Worldwide recognized sound technology research. Market leading company in network cameras Embedded systems for tomorrow's products Robotics A qualified and mobile workforce 	<ul style="list-style-type: none"> The financial and ICT sectors are some of the most growing areas in the region (financial stronger on the Danish side) Readiness of the society for testing of technologies combined with the representation of significant companies, creates a very conducive environment for this sector. A solid ecosystem comprising of fintech companies (stronger on the Danish side).
	R&D	<ul style="list-style-type: none"> Mobile Heights (Lund) – three research centres constitute the base for research within Mobile Heights, ensuring access to world class knowledge based at Lund University and Malmö University – closely connected to industry – these research centres cover hardware, software as well as IT services; System Design on Silicon (SoS) Embedded Applications Software Engineering (EASE) and Network for Mobile Services and Applications (NMSA) [Research] Mobile and Pervasive Computing Institute at Lund University (MAPCI) The Technical University of Denmark Lund Institute of Technology The University of Copenhagen Ideon Science Park, Lund The IT University, Copenhagen Bikinging Institute of Technology 	<ul style="list-style-type: none"> Sony Mobile Axi/Canon GN Store Nord Sigma Connectivity TeliaSonera NetDanmark IBM Microsoft TDC KMD Logica Tieto HP CapGemini Borg & Olufsen Brøel & Kjaer Oticon AM3D 	
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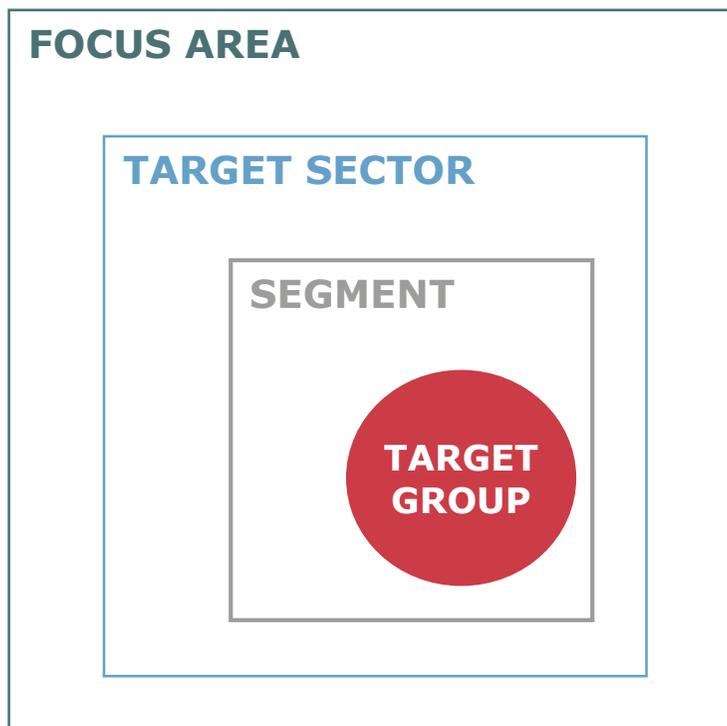
FOOD AND PACKAGING

R&D	Food and Health	Sustainable Packaging	Innovative Design & Packaging Logistics
	<ul style="list-style-type: none"> Skåne Food Innovation Network University of Copenhagen, Food department Lund University Diabetes Centre Functional Food Science Centre Antidiabetic Food Centre Lund International Food Studies Swedish University of Agricultural Sciences Ideon Agro Food Swedish Institute for Food and Biotechnology, SIK Swedish Nutrition Foundation, SNF 	<ul style="list-style-type: none"> Packbridge Skåne Food Innovation Network Department of Packaging and Logistics, LU School of Economics, LU CELT, Centre for Logistics and IT, LU Lund International Food Studies 	<ul style="list-style-type: none"> Packbridge Skåne Food Innovation Network Department of Packaging and Logistics, LU Department of Design Sciences, LU CELT, Centre for Logistics and IT, LU CERTEC, LU
	R&D	<ul style="list-style-type: none"> Lund University Innovation System (LUIS), Lund Life Science Incubator (LSI), ESS (once up and running), MAX IV (synchrotron) Skåne Food Innovation Network – network of food and related companies Functional Food Science (FFSC) University of Lund – FFSC is a multi faculty centre at the University of Lund. Research is conducted in several key areas, such as food related nutrition, food science, Biotechnology, medical sciences, product design, process technology, health and market economy and consumer aspects. AntiDiabetic Food Centre – Consortium of industry and public sector with several research and industrial projects. Packbridge – network of packaging and related companies Danish Food Cluster, Copenhagen Approx. 600 companies in the Food and Packaging sector (below a few selected examples) 	<ul style="list-style-type: none"> Probi BioSola Indevex Outly Aventure Glucanova TetraPak Flextus All Carton Ecolan Frontpac Concealae Pågen Procordia Foods Scanfil Carlsberg Firdus Lantmännen Danish Crown Arfa Foods Danisco Alfa Laval Orkla Dole Skåne Dairy
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LIFE SCIENCE

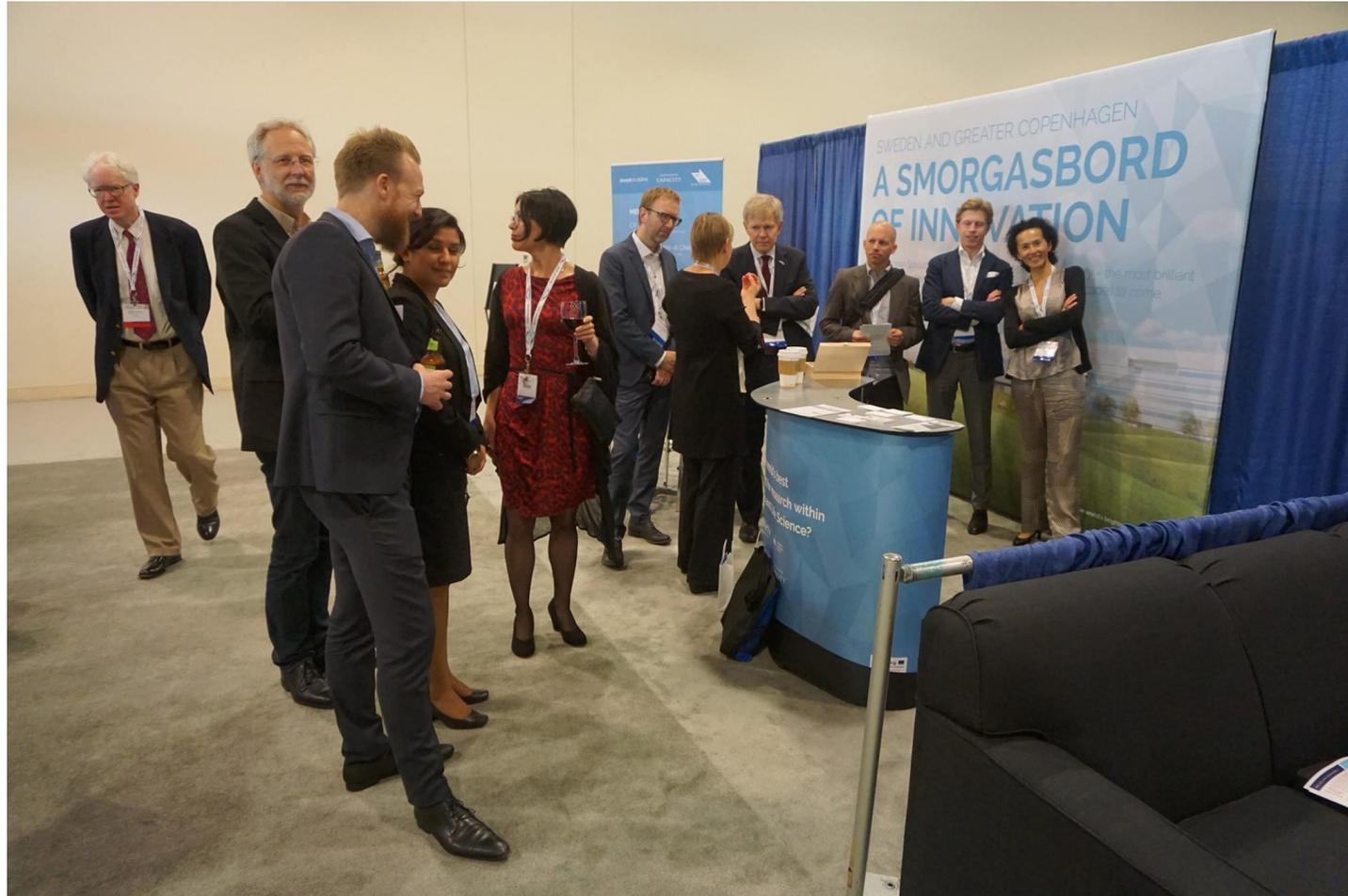
S T R E N G H T A R E A S	Systems Biology	Structural Biology	Immune Regulation	Drug Delivery
	<ul style="list-style-type: none"> Advanced study of molecules, genes and cells. Usage of computational models to analyze impact of different variables on biological systems. Application of Big Data principles to life science. Centers of excellence in cancer research Long history of collecting longitudinal health data sets 	<ul style="list-style-type: none"> Advanced research facilities regarding structure of biological molecules (proteins) State-of-the-art x-ray and neutron scattering facilities. Excellent research centers and facilities Strong ability to foster greater collaboration between academia and industry. 	<ul style="list-style-type: none"> Strong basic and clinical immunological research centers. Numerous pharmaceutical and biotechnological companies engaged in R&D Considerable potential for pushing the boundaries within immune regulation by encouraging different players in collaborating more closely. 	<ul style="list-style-type: none"> A strong track record in pioneering drug delivery systems. Disruptive innovation through collaboration between nanotech, medtech and pharma. Home to several academic research groups developing new approaches for better drug delivery.
	R&D	<ul style="list-style-type: none"> DTU Systems Biology, Technical University of Denmark Computational Biology and Biological Physics, University of Lund The Novo Nordisk Center for Protein Research, University of Copenhagen Create Health – A strategic Centre for Translational Cancer Research, Lund University The Bioinformatics Center, University of Copenhagen Lund University Diabetes Centre, Lund University Department of Biomedical Sciences, University of Copenhagen The Division of Applied Microbiology, Lund University MAX IV (Lund ESS once up and running) Biofilms Research Center for BioInterfacing, Malmö University Section of Pharmaceutical Design and Drug Delivery, University of Copenhagen, The Drug Delivery Development Group, Lund University Center for Nanomedicine and Therapeutics, Technical University of Denmark, Medicon Village, Lund Bio Science Park – COBIS, Copenhagen Medicon, Science Park for Life Science Companies, Malmö Ideon Science Park, Lund 	<ul style="list-style-type: none"> Landbeck Novo Nordisk Leo Pharma Novozymes ALK Abellø Bone Support Camurus Enzymatica Baxter Symphogen Alqutor BioScience Spago Nanomedical Sarcoma Biostructures Symphogen Active Biotech Genzyme Cytovac Bavarian Nordic 	
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VALUE PROPOSITIONS



- **HYDROGEN FOR FUEL CELLS**
- **BIOGAS**
- **ONKOLOGI**
- **DIABETES**
- **NANOTECKNOLOGI**

TECH CONNECT 2016





2017 NLSDAYS

Nordic Life Science Days 2017
Invest - Partner - Network

12-14 September, Malmö - Medicon Valley

a **swedenBIO** event - produced by **bionordic** partnering powered by **partneringONE** a service of **EBD GROUP**



120 SVENSKA AMBASSADÖRER I SKÅNE



AMBASSADÖRS NÄTVERK

Svenske
ambassadører i
udenrigstjeneste



SVERIGES AMBASSAD

Goodwill
Ambassadors
Corps

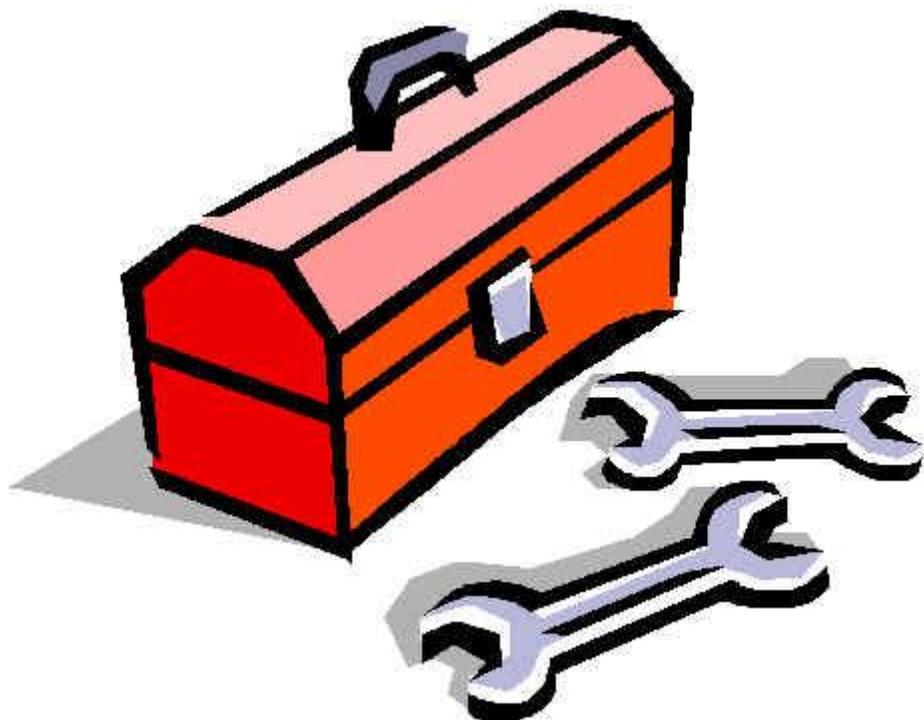
COPENHAGEN
Goodwill Ambassadors

International
Attraktionskraft
Ambassadører



**ESS & MAX IV:
Cross Border
Science and Society**

TOOL BOX...



- **FILM**
- **BROSCHYRER**
- **POWER POINT PRESENTATIONER**
- **BILDBANK**
- **PR AKTIVITETER**

Tak for opmærksomheden

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