Innovation incubators in the Nordic countries: Screening of cleantech activities and companies

The aim of this study is to provide an overview of existing incubation activities for clean technologies in the Nordic countries.

Methodology

This was achieved by (1) Screening through more than one hundred science parks and innovation incubators in Denmark, Finland, Norway and Sweden, (2) Assessing their eventual environmental and cleantech focus, and (3) Identifying those incubators and cleantech companies of particular interest for Cleantech Scandinavia members. When needed, parks and incubators were contacted to clarify their research focus areas as well as confirm whether or not their incubators include cleantech companies.

Content of the report

This report is divided in the following sections:

1. General findings regarding cleantech incubation activities in science/innovation parks
2. Profile of the 10 Nordic innovation incubators with the strongest cleantech focus and featuring incubation companies of particular interest
3. Profile of 24 of the most promising incubation cleantech companies found
4. Annexes: (I) List of all science and innovation parks reviewed; (II) List of all environmental technology and cleantech companies found in those incubators

Please contact us or visit our website for further information.

Cleantech Scandinavia
c/o Natlikan Sustainability
Hyregatan 8a - 211 21 Malmö
Sweden

Contact person
Magnus Agerström
magnus@natlikan.se
+46 (0)70 827 35 78

www.cleantechscandinavia.com

1. Cleantech incubation activities in science and innovation parks

A total number of 107 science, research and/or innovation parks were found. Please refer to Annex I for a complete list, which although providing a good indication of the total number of parks in the Nordic countries, is not intended to be complete. The table below provides a statistical summary for each country and in total.

	Science parks/innovation incubators	With incubation activities	With environment as an area of focus	With cleantech companies
Denmark	14	9	6	4
Finland	22	12	7	5
Norway	29	19	9	6
Sweden	42	28	13	9
TOTAL	**107 = 100%**	**68 = 64%**	**35 = 33%**	**24 = 22%**

A few comments regarding the interpretation of the table:

- Incubation activities are defined for the purpose of the study as support provided to start-up companies e.g. rental of office space, provision of logistical and administrative support, as well as potential additional services such as legal advising or coaching.
- Incubators with 'Environment as an area of focus' relates to what can be broadly described as traditional environmental technologies, which typically include any technology dealing with waste, water or air. It is important to note that the classification as environmental technology does not make a differentiation neither between preventative and non-preventative technologies, nor between established and disruptive technologies and companies. Keeping this in mind allows understanding why a number of incubators have an environmental focus but do not feature companies that can be labelled as 'cleantech'.
- The 'Cleantech companies' column focuses on start-up companies offering innovative and most often disruptive technologies in order to solve environmental problems using, most of the time, a preventative approach. This is a first difference with traditional environmental technologies, which are often only end-of-pipe solutions. The second difference is that, in addition to energy, waste, water, and air, cleantech encompasses technologies in many additional areas including for instance logistics, materials, agriculture, food, processing, or nanotechnology.

Based on the review of the science parks and incubators found, the following observations and conclusions were drawn regarding the current status of cleantech incubation activities:

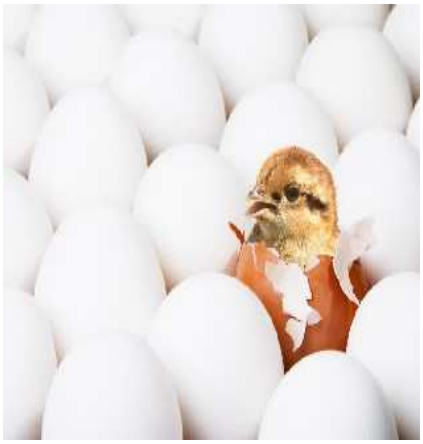
- Only a minority of innovation incubators have member companies that can be classified as cleantech start-ups. Hence, the current level of cleantech innovation activities in the Nordic science and innovation parks can be interpreted as low.

- The most interesting incubators from a cleantech perspective were most often those located close to universities with strong research focus and/or a dense industrial network of companies.
- A number of incubators contacted during the study that do not currently have any cleantech companies however have early stage cleantech-related research projects and/or embryo companies, which can be expected to be converted into marketable innovations in a nearby future.
- Cleantech dedicated incubators are in the process of being created, along with cleantech departments in existing incubators. Examples include the planned creation of the 'Stockholm Cleantech Park' as part of the existing Teknikhöjden science park, the recent start of 'Sweden Cleantech Incubators' (a virtual cleantech incubator), as well as the launch of the Finnish Cleantech Cluster (a consortium of research and science parks lead by Lahti Science and Business Park).
- The above points tend to confirm both that the cleantech industry as a whole is still in its early days but also that clean technologies are attracting more and more attention and funding. This in turn is likely to mean that more innovative entrepreneurs choose to focus on this area.
- Complementary interviews conducted with cleantech companies to assess the potential interest for them of being part of an innovation incubator showed that the current offering of incubators often does not correspond to the needs of cleantech companies. Most interviewees pointed out that for an incubator to be of interest for them, it would need to be specifically competent in the field of cleantech. It appears that entrepreneurs have been lacking cleantech focused incubators and have often chosen to locate themselves outside of existing science parks and incubators. Hence, the timing for the launch of cleantech incubation initiatives similar to those mentioned above is good.

The ongoing development of cleantech incubation activities is an important step in increasing the speed and number of cleantech innovations in the Nordic region. One must however bear in mind the risk of dilution of the concept of cleantech, as some incubators as well as individual start-up companies, are and will be striving to re-brand some technologies as 'clean', by for instance classifying traditional environmental technologies or environmental consultancy services as cleantech.

In order to maintain clarity and trust for investors, Cleantech Scandinavia believes it is of primary importance that the boundaries of cleantech are kept as transparent as possible, focusing in the majority of cases on start-up companies having developed disruptive innovations to solve an environmental problem in a preventative way.

2. List of 10 key cleantech incubators in the Nordic countries



The innovation incubators listed below are the ones that, during the screening procedures, were identified as having the strongest cleantech focus and/or providing some of the most interesting investment opportunities. Other incubators had member companies active in the environmental field but those could however most often not be classified as cleantech e.g. in the case of consultants, traditional environmental technologies, etc. This however does not mean that some interesting cleantech companies cannot be found in other incubators than those selected here. As a matter of fact, some of the companies listed in section 3 are not member of one of the selected incubators.

AGRO BUSINESS PARK

Location	Tjele
Website	www.agropark.dk
Area of focus	Agriculture and Food
Examples of cleantech companies	Sorbisense, Xergi

BIOPARKEN

Location	Ås
Website	www.bioparken.no
Area of focus	Life Science
Examples of cleantech companies	Aquaviva, Clarity Water Treatment Systems

CAMPUS KJELLER

Location	Kjeller
Website	www.campuskjeller.no
Area of focus	Energy, Safety, Civil Protection and Environment
Examples of cleantech companies	Hystorsys, Hybrid Energy, Ocean Saver

CHALMERS INNOVATION

Location	Göteborg
Website	www.chalmersinnovation.com
Area of focus	Various
Examples of cleantech companies	Altitech, Lamera, Xylophane

IDEON SCIENCE PARK

Location	Lund
Website	www.ideon.se
Area of focus	IT, biotech and other high-tech areas
Examples of cleantech companies	Bioprocess Control, Compower, Zemission, BioCompo Tech, NanoEnergy

LAHTI SCIENCE AND BUSINESS PARK

Location	Lahti
Website	www.lahtisbp.fi
Area of focus	Coordinator of the Finnish Environmental Cluster
Examples of cleantech companies	Envistone, Lakecleaner, Matti Ruuti

SCION-DTU SCIENCE PARK

Location	Hørsholm and Lyngby
Website	www.sciondtu.dk
Area of focus	Biotech, Nanotech, Environmental, IT
Examples of cleantech companies	Aquaporin, Biolocus, Oreco

STOCKHOLM INNOVATION & GROWTH

Location	Stockholm
Website	www.stockholminnovation.com
Area of focus	ICT, Medtech and Cleantech
Examples of cleantech companies	myFC, Predect, Transic

TECHNOPOLIS VENTURES

Location	Espoo and Vantaa
Website	www.technopolisventures.fi
Area of focus	Various
Examples of cleantech companies	Canatu, Enfucell, Genano, Kenno, Reachway

UPPSALA INNOVATION CENTRE

Location	Uppsala
Website	www.uic.se
Area of focus	Various
Examples of cleantech companies	Thermoseed, Chromogenics

3. Profile of 24 promising cleantech companies

The companies listed below are some of the most promising cleantech start-ups found during the screening process, based on a preliminary assessment using criteria similar to those used to select companies to present at Cleantech Capital Day events. Most but not all are part of one of the incubators listed in the previous section. Each company was contacted to gather additional information to that available from their websites. In case those fields are left empty, this simply means no answer was received. It is also important to note that no further qualitative assessment was conducted to assess the potential for these companies as investment opportunities for the venture capital industry e.g. no evaluation of the actual market potential.

AQUAPORIN

Country	Denmark (Lyngby)
Cleantech segment	Water and wastewater
Incubator	Scion DTU
Product offering	Purification and desalinisation membrane technology
Foundation year	2005
Number of employees	6 employees, 5 co-workers
Development stage	Proof of concept passed, product launch planned in 2010
Targeted market	Worldwide
Patent	2 pending families of patents
Past and current investors	M. Goldschmidt Capital A/S (private investor), Teknologisk Innovation A/S (VC), The European Commission, The Danish National Advanced Technology Foundation
Capital needs	No specific capital needs at the moment, but always looking for the right investor at the right price
Website	www.aquaporin.dk
Contact person	Peter Holme Jensen, CEO phj@aquaporin.dk - +45 2810 5272

BIOCOMPO TECH

Country	Sweden (Lund)
Cleantech segment	Materials
Incubator	Idéon
Product offering	Bio composite materials
Foundation year	2005
Number of employees	-
Development stage	-
Patent	-
Past and current investors	-
Capital needs	-
Website	www.biocompotech.com
Contact person	-

BIOLOCUS

Country	Denmark (Hørsholm)
Cleantech segment	Materials
Incubator	Scion DTU
Product offering	Bio-paints for ships and offshore constructions
Foundation year	2001
Number of employees	5
Development stage	Commercialisation
Targeted market	Global presence together with partners
Patent	Three international patent applications and one exclusive license from a US patent from DUKE University. Two more applications are in preparation.
Past and current investors	Seed Capital, business angels
Capital needs	Planning a new private placement of 7-9 million DKK this year. This will be followed by an IPO at First North next year with an expected capital yield of 30-50 million DKK.
Website	www.biolocus.com
Contact person	Knud Allermann, CEO ka@biolocus.com - +45 40505521

BIOPROCESS CONTROL

Country	Sweden (Lund)
Cleantech segment	Energy generation / energy efficiency
Incubator	Idéon
Product offering	Supervisory and control applications for optimising the commercial production of biogas
Foundation year	2006
Number of employees	3
Development stage	Real scale testing
Patent	N/A
Past and current investors	Two business angels
Capital needs	Rights issue in June 2008 of approx. 10 million SEK
Website	www.bioprocesscontrol.com
Contact person	Kristofer Cook, Managing Director kc@bioprocesscontrol.com - +46 (0)708796580

CANATU

Country	Finland (Espoo)
Cleantech segment	Materials
Incubator	Technopolis Ventures
Product offering	Carbon nano-materials based components
Foundation year	2004
Number of employees	1
Development stage	Proof of concept
Targeted market	Worldwide
Patent	15 pending patents
Past and current investors	Spin off of Helsinki University of Technology, currently raising seed investment from both public/governmental bodies and private investors.
Capital needs	Canatu plans to raise approximately 1.2 million € in the near future and aims to raise an additional 3 to 5 million € in 2008.
Website	www.canatu.com
Contact person	David P. Brown, CEO David.Brown@canatu.com - +358 50 344 4204

CHAPDRIVE

Country	Norway (Trondheim)
Cleantech segment	Energy generation
Incubator	Gløshaugen Innovation Center
Product offering	Hydraulic transmission for wind turbines
Foundation year	2006
Number of employees	-
Development stage	-
Patent	-
Past and current investors	NorthZone Ventures, Hafslund Venture, Statoil New Energy, Norwegian Research Council
Capital needs	-
Website	www.chapdrive.com
Contact person	Åsmund Furuseth, CEO asmund.furuseth@chapdrive.com - +47 95 76 46 41

CHROMOGENICS

Country	Sweden (Uppsala)
Cleantech segment	Materials / Energy efficiency
Incubator	Uppsala Innovation Center
Product offering	Energy efficient windows
Foundation year	2003
Number of employees	10
Development stage	Different stages for different products; one in small scale production on October 2007, the others being developed with industrial partners
Patent	Yes, extensive portfolio of patents
Past and current investors	Innovationsbron Uppsala AB, Uppsala University Holding AB, DuPont Ventures.
Capital needs	Closing: $6 million Sept 2007, Future: $ 15 million 2008
Website	www.chromogenics.se
Contact person	Lars-Olof Bäckman, Chariman lars-olof.backman@chromogenics.se - +46 708 575 775

CLARITY WATER SYSTEMS

Country	Norway (Ås)
Cleantech segment	Water and wastewater
Incubator	Bioparken
Product offering	Organic waste removal
Foundation year	2005
Number of employees	3
Development stage	Commercialisation and expansion
Patent	Granted in Norway and the USA, pending in Europe and several other countries
Past and current investors	Plastspesialisten AS v/Steinar Joneid (60,97 %), Bioparken AS (12,74 %), Saboro Investment Ltd. (14,29 %) Øyvind Thøgersen (5,76 %), Akershus Næringsfond (2,52 %) Others (3,72 %)
Capital needs	5-7 MNOK needed in 2008 for expansion into new markets and setting up a fully operational company
Website	www.clarity-wts.com
Contact person	Morten L. Isaksen mi@clarity-wts.com - +47 92 69 15 17

COMPOWER

Country	Sweden (Lund)
Cleantech segment	Energy generation
Incubator	Idéon
Product offering	Small, turbine-based power-generating systems
Foundation year	2004
Number of employees	5 and 2 working founders
Development stage	Real scale testing
Targeted market	Worldwide
Patent	1 granted and 3 pending
Past and current investors	Teknoseed, Energy Future Invest, Innovationsbron
Capital needs	2,5 million € in 2007 and 2,5 million € in 2009
Website	www.compower.se
Contact person	Anders Malmquist, CEO amalmquist@compower.se - +46 70 590 60 21

DANERGI

Country	Denmark (Holstebro)
Cleantech segment	Energy generation / Energy efficiency
Incubator	Nupark
Product offering	Wood pellet furnaces
Foundation year	2005
Number of employees	1
Development stage	Commercialisation: ongoing cooperation with Danfoss
Targeted market	Europe
Patent	European patent
Past and current investors	Company owned 100% by the founder
Capital needs	3-4 M DKK as soon as possible
Website	www.danergi.dk
Contact person	Magnus Jonsson, Founder and Managing Director dan@danergi.dk - +45 2723 7560

ENFUCELL

Country	Finland (Espoo)
Cleantech segment	Materials / Energy storage
Incubator	Technopolis Ventures (Otaniemi Science Park)
Product offering	Fexible thin batteries from environmentally friendly materials
Foundation year	2002
Number of employees	15
Development stage	Early stage commercialisation
Targeted market	Europe, China and the China/far east
Patent	2 granted and 1 pending
Past and current investors	State-backed and Avera (VC fund)
Capital needs	2 million €
Website	www.enfucell.com
Contact person	Risto Huvila, CEO risto.huvila@enfucell.com - + 358 400 755 66

ENVISTONE

Country and location	Finland (Lahti)
Cleantech segment	Water and wastewater
Incubator	Lahti Science and Business Park
Product offering	Nitrogen removal
Foundation year	2007 (spin off from Envitop launched in 2004)
Number of employees	2 and 2 in the process of being recruited
Development stage	Commercialisation
Targeted market	Primary Scandinavian (currently focused on Finland, penetration of Norwegian and Swedish markets in 2008)
Patent	One approved patent
Past and current investors	Management 25% and Envitop 75%
Capital needs	Around 1 M€ in 2007/2008
Website	http://www.envitop.com/en_envistone.php
Contact person	Juha Saajoranta, CEO juha.saajoranta@envistone.com - + 358 40 514 0657

GENANO

Country	Finland (Espoo)
Cleantech segment	Air and environment
Incubator	Technopolis Ventures
Product offering	Air purification units
Foundation year	1999
Number of employees	16
Development stage	Commercialisation/expansion
Targeted market	Nordic, Central Europe, USA
Patent	Accepted in 10 countries, pending in 33 countries
Past and current investors	Business angels
Capital needs	Planned 1 Million EURO 2007, 2 Million Euro 2008
Website	www.genano.fi
Contact person	Mikael Rentto, Managing Director mikael.rentto@genano.fi - +358-40-5003736

HYSTORSYS

Country	Norway (Kjeller)
Cleantech segment	Energy storage / Energy generation
Incubator	Campus Kjeller
Product offering	Hydrogen storage and compression systems
Foundation year	-
Number of employees	-
Development stage	-
Patent	-
Past and current investors	-
Capital needs	-
Website	www.hystorsys.no
Contact person	-

LAMERA

Country	Sweden (Göteborg)
Cleantech segment	Materials
Incubator	Chalmers Innovation
Product offering	Stainless steel material
Foundation year	2005
Number of employees	5
Development stage	Commercialisation
Patent	Product patent approved in Sweden, UK, South Korea, and pending in Japan, Canada. Process patent approved in China, pending in the USA, Canada and Japan.
Past and current investors	Volvo Technology Transfer, Private Investors
Capital needs	Raising 10 million SEK during Q3-Q4 2007.
Website	www.lamera.se
Contact person	Anders Axelsson, CEO anders.axelsson@lamera.se - +46 31 7728045

myFC

Country	Sweden (Stockholm)
Cleantech segment	Energy storage
Incubator	Stockholm Innovation & Growth
Product offering	Fuel cells for portable electronic devices
Foundation year	2005
Number of employees	8
Development stage	Pre- commercialisation
Targeted market	Worldwide
Patent	A number of pending ones
Past and current investors	Stockholm Innovation & Growth Capital and Business Angels
Capital needs	Not specified
Website	www.myfc.se
Contact person	Björn Westerholm, CEO bjorn.westerholm@myfc.se - +46706562007

NANOENERGY

Country	Sweden (Lund)
Cleantech segment	Energy efficiency
Incubator	Idéon
Product offering	Energy efficient chip
Foundation year	2005
Number of employees	-
Development stage	-
Patent	-
Past and current investors	-
Capital needs	-
Website	www.nanofreeze.se
Contact person	Erik Ryding Erik.Ryding@nanoenergy.se – +46 (0)46 286 45 20

OCEAN SAVER

Country	Norway (Høvik)
Cleantech segment	Water and wastewater
Incubator	Campus Kjeller
Product offering	Ballast water treatment
Foundation year	2003
Number of employees	8 employees as well as project employees and consultants
Development stage	Real scale testing
Targeted market	Worldwide
Patent	Several national and international patents and pending ones
Past and current investors	Kongsberg Innovation AS (Norway), Campus Kjeller AS (Norway), Fednav Ltd (Canada), Sumitomo Corporation (Japan), Statoil ASA (Norway), Storebrand Livsforsikring ASA (Norway) and Leif Hoegh & Co AS (Norway)
Capital needs	Currently fully financed
Website	www.oceansaver.com
Contact person	Stein Foss, Managing Director stein.foss@oceansaver.com - +47 90 08 60 90

SNOWPOWER

Country	Sweden (Luleå)
Cleantech segment	Energy generation / Energy Efficiency
Incubator	Aurorum Science Park and Business Incubator
Product offering	Snow-cooling and heating
Foundation year	2006
Number of employees	1
Development stage	Commercialisation
Targeted market	Worldwide
Patent	Swedish patent, international patent pending
Past and current investors	ETK Investment owns 34%
Capital needs	2-10 MSEK in one to two years when expanding abroad
Website	www.snowpower.se
Contact person	Kjell Skogsberg, Managing Director kjell.skogsberg@snowpower.se - +46 (0)73-83 753 10

SORBISENSE

Country	Denmark (Tjele)
Cleantech segment	Water and wastewater
Incubator	Agro Business Park
Product offering	Water quality monitoring technology
Foundation year	2004
Number of employees	3 full time staff and 1 co-worker
Development stage	Commercialisation/market penetration
Targeted market	Worldwide but current focus is Europe
Patent	Two pending applications
Past and current investors	Østjysk Innovation and private investors
Capital needs	Confidential
Website	www.sorbisense.dk
Contact person	Hubert de Jonge, Co-founder hubert@sorbisense.com - +45 8999 2505

THERMOSEED

Country	Sweden (Uppsala)
Cleantech segment	Agriculture
Incubator	Uppsala Innovation Center
Product offering	Chemical-free seed treatment
Foundation year	-
Number of employees	-
Development stage	-
Patent	-
Past and current investors	-
Capital needs	-
Website	www.acanova.se
Contact person	-

XYLOPHANE

Country	Sweden (Göteborg)
Cleantech segment	Materials
Incubator	Chalmers Innovation
Product offering	Biodegradable barrier material for packaging
Foundation year	2004
Number of employees	3
Development stage	Real scale testing
Patent	1 approved and 1 pending
Past and current investors	KTH Chalmers Capital (VC), Chalmers Innovation (business incubator), the three founders (private persons), Innovationsbron Väst (public investor), Private investors. Grants received from Vinnova, SKAPA etc.
Capital needs	To be decided (new CEO currently being hired)
Website	www.xylophane.com
Contact person	Lisa Eriksson (temporary contact until the new CEO is confirmed) lisa.eriksson@xylophane.com - +46 (0)31-772 80 56

ZEMISSION

Country	Sweden (Lund)
Cleantech segment	Air and environment
Incubator	Idéon
Product offering	Low emission combustion
Foundation year	-
Number of employees	-
Development stage	-
Patent	Yes
Past and current investors	-
Capital needs	-
Website	www.zemission.se
Contact person	-

4a. Annex: List of all science and innovation parks reviewed

Marked in grey are those incubators listed in section 2.

DENMARK

Aahrus Science Park	www.sp-aarhus.dk
Agro Business Park	www.agropark.dk
Business and Innovation Centre Nord	www.bic-nord.dk
CAT Science Park	www.catscience.dk
Copenhagen Business Park	www.nytdomicil.dk
East Jutland Innovation	www.oeiuk.itide.dk
Horsens Business and Innovation Centre	www.innovation-horsens.dk
Incuba Science Park	www.incuba-sp.dk
Innovation MidtVest Incubator	www.hih-development.dk
NOVI Innovation Incubator	www.noviinnovation.dk
Nupark	www.nupark.dk
Science Park of Southern Denmark	www.syddanskeforskerparker.dk
Scion-DTU Science Park	www.sciondtu.dk
Symbion Science Park	www.symbion.dk
Teknologisk Innovation	www.tekinno.dk

FINLAND

Agropolis Science Park	www.agropolis.fi
Culminatum	www.culminatum.fi
Green Net Finland	www.greennetfinland.fi
Helsinki Business and Science Park	www.hbsp.net
Hyvinkäa TechVilla	www.techvilla.fi
Joensuu Science Park	www.carelian.fi
Jyväskylä Science Park	www.jsp.fi
Kajaani Technology Centre	www.measurepolis.fi
Lahti Science and Business Park	www.lahtisbp.fi
Merinova	www.merinova.fi
Mikkeli Technology Centre	www.miktech.fi
Oulu Innovation	www.ouluinnovation.com
Prizztech	www.prizz.fi
Seinäjoki Technology Centre	www.stoy.fi
Snowpolis	www.snowpolis.com
Steelpolis	www.steelpolis.com
Technology Centre Hermia	www3.hermia.fi
Technology Centre Innopark	www.innopark.fi
Technology Centre Ketek	www.ketek.fi
Technology Centre Teknia	www.teknia.fi

Technoloplis Ventures	www.technopolisventures.fi
Turku Science Park	www.turkusciencepark.com

NORWAY

Bioparken	www.bioparken.no
Bodø Science Park	www.kpb.no
Campus Kjeller	www.campuskjeller.no
Energiparken	www.energiparken.no
Gløshaugen Innovation Center	www.ig.ntnu.no
Gjøvik Science Park	www.gkp.no
Inkubator Ålesund Kunnskapspark	www.aakp.no
Innovation Centre Hedmark	www.kunnskapsparken-hedmark.no
IT Fornebu Inkubator	www.itfi.no
Kongsberg Innovasjon	www.k-i.no
Kongsvinger Kunnskapspark	www.kpark.no
Kristiansand Science Park	www.kkp.no
Leiv Eriksson Inkubator	www.len.no
Lillehammer Kunnskapspark	www.lkp.no
Mo Industriinkubator	www.kub.as
Molde Knowledge Park	www.mkp.no
Narvik Innovation Park	www.fpn.no
NCE Subsea	www.ncesubsea.no
Nord Alta Science Park	www.kunnskapsparken-nord.no
NorInnova	www.norinnova.no
Oslo Innovation Center	www.forskningsparken.no
Rana Sicence Park	www.kunnskapsparken.com
Rogaland Science Park	www.kunnskapsparken.no
Sarsia Innovation	www.sarsia.com
Sørlandets Teknologisenter	www.sts.no
Steinkjer Knowledge Park	www.kunnskapspark1.no
Tel-Tek Inkubator	www.tel-tek.no
Tretorget Inkubator	www.tretorget.no
TTO Nord	www.ttonord.no

SWEDEN

Acusticum	www.acusticum.se
Aurorum Business Incubator	www.a-b-i.se
Blekinge Business Incubator	www.b-b-i.se
Business Incubator Östersund	www.miun.se/businessincubator
Chalmers Innovation	www.chalmersinnovation.com
Chalmers Science Park	www.chalmerssciencepark.com
ESPIRA Tillväxtcenter	www.espira.se

Faxepark	www.faxepark.se
Gothia Science Park	www.gsp.se
Gotland Interactive Park	www.gotlandinteractive.com
Idélabs	www.mdh.se/idelab
Ideon Science Park	www.ideon.se
Inova	www.inova.nu
Innovatum Inkubator	www.innovatuminkubator.se
Kalmar Science Park	www.kalmar-science-park.se
Karolinska Institutet Science Park	www.ki.se/sciencepark
Kista Science City	www.kista.com
Krinova Science Park	www.krinova.se
Lindholmen Science Park	www.lindholmen.se
Liveum	www.liveum.se
Medeon	www.medeon.se
MINC	www.minc.se
Mjärdevi Business Incubator	www.incubator.se
Munktell Science Park	www.munktellsciencepark.se
Norrköping Science Park	www.nosp.se
Novum Research Park	www.novum.se
Örebro Innovation Center	www.oic.nu
Sahlgrenska Science Park	www.sahlgrenskasciencepark.se
Sandbacka Park	www.sandbackapark.com
Science Park Jönköping	www.sciencepark.se
Silverdal	www.silverdal.se
SSE Business Lab	www.ssebusinesslab.com
Stiftelsen Teknikdalen	www.teknikdalen.se
Stockholm Cleantech Park	N/A
Stockholm Innovation & Growth	www.stockholminnovation.com
Teknikbyn	www.teknikbyn.se
Teknikhöjden	www.teknikhojden.se
Teknocenter Science Park	www.teknocenter.se
Uminova Innovation	www.uminova.se
Uppsala Innovation Centre	www.uic.se
Videum Science Park	www.videum.se
Åkroken Science Park	www.akroken.se

4b. Annex: List of cleantech and environmental-tech companies

The table below consists of cleantech as well as a number - not all - of more traditional environmental technology companies found during the screening of science parks and innovation incubators. In addition, while most are early stage companies, some are more established companies. Hence, not all companies listed here are to be considered as actual investment opportunities for the venture capital industry.

The purpose of aggregating the information presented below is to provide an overview of current focus areas within the cleantech and broader environmental field. For practical reasons, all companies have been classified according to the 11 cleantech segments defined by the Cleantech Network. Note that some companies fitting in more than one category are counted twice in the totals presented at the bottom of the table.

		Energy generation	Energy storage	Energy infrastructure	Energy efficiency	Transportation	Water & wastewater	Air & environment	Materials	Manufacturing & industrial	Agriculture	Recycling & waste
ABALONYX	NO								✓			
AJOCON	FI						✓					
ALCASOL	SE	✓										
ALTITECH	SE								✓	✓		
AQUAPORIN	NO						✓					
AQUA VITALE	NO						✓					
AQUAVIVA	NO						✓					
ARCTIC SPILL CONTROL	NO										✓	
BIOALFA	FI						✓					
BIOCOMPO TECH	SE								✓			
BIOLOCUS	DK						✓		✓			
BIOPROCESS CONTROL	SE	✓			✓							
CALIGNUM	SE								✓			
CANATU	FI								✓			
CELLKRAFT	SE		✓									
CHAPDRIVE	NO	✓										

		Energy Generation	Energy storage	Energy infrastructure	Energy efficiency	Transportation	Water & wastewater	Air & environment	Materials	Manufacturing & industrial	Agriculture	Recycling & waste
CHROMOGENICS	SE				✓				✓			
CLARITY WATER	NO						✓					
CLEAN HULL	NO						✓					✓
COMPOWER	SE	✓										
CONTERRA	DK							✓				
DANERGI	DK	✓			✓							
ECO CAT	SE							✓				
ECO REACTOR	DK						✓					
ECO SIR	FI											✓
ECOXY	NO							✓				
ELF AIR	NO							✓				
ENFUCELL	FI		✓						✓			
ENVISTONE	FI						✓					
GENANO	FI								✓			
GLOBALWATER	SE						✓					
HS KRAFT	SE	✓										
HYBRID ENERGY	NO				✓							
HYSTORSYS	NO	✓	✓									
INFINIGEAR	SE				✓	✓						
LAKECLEANER	FI						✓					
LAMERA	SE								✓			
myFC	SE		✓									
NAAVA ENERGY	FI	✓		✓								
NANO ENERGY	SE		✓		✓							

		Energy Generation	Energy storage	Energy infrastructure	Energy efficiency	Transportation	Water & wastewater	Air & environment	Materials	Manufacturing & industrial	Agriculture	Recycling & waste
NODA	SE				✓							
NOTICIA	SE											✓
ORECO	DK						✓					✓
OCEAN SAVER	NO						✓					✓
POLYPLANK	SE								✓			✓
POWER MORTAR	FI						✓					
SCANDRY	SE	✓			✓							
SEMPRECIA	SE							✓				
SNOWPOWER	SE	✓			✓							
SORBISENSE	DK						✓					
SYMO	FI							✓				
THERMOSEED	SE								✓		✓	
TRANSIC	SE			✓								
UVOX	SE				✓							
VESIHUOLTO EEROLA	FI						✓					
WATERMENT	NO						✓					
XERGI	DK	✓		✓								
XYLOPHANE	SE								✓			
ZEMISSION	SE							✓				
TOTAL	-	11	5	3	10	1	18	7	13	1	2	6

As shown by the totals above, the majority of companies can be found in the energy, water and materials segments. Cleantech Scandinavia's first Cleantech Capital Day in Stockholm in May this year focused on energy related cleantech companies. Our next event, which will take place in Lahti (Finland) on the 28th of November, will outline both the water and materials segment and will feature some of the companies listed in section 3.

Cleantech Scandinavia