

List of key actors on the gas market in Sweden

Del. 2.4.1-2



This publication is a result of
the project Madagascar, EIE/07/180/S12.466795
supported by



Deliverable nr	D2.4.1-2
Dissemination level	Public
Partner name	SEA, ESS and Malarnet
Work Package	WP 2: Building of knowledge
Country	Sweden
Region	South Sweden and Mälardalen
Are there existing filling stations and natural gas and biogas driven cars already in the region?	Yes

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Introduction

There are many different types of key actors on the gas market. In the table beneath you find a classification of the key actors that will be used within this document.

Field	Key actor classification	Code
Supply	Energy companies/gas suppliers	S1
	Companies that owns and runs biogas plants	S2
	Companies that build biogas plants	S3
	Companies that sell/produce/develop components for biogas plants	S4
	Companies with potential to produce biogas	S5
Treatment and Distribution	Owners of biogas upgrading plants	T1
	Owners of gas filling stations	T2
	Gas net owners	T3
	Companies that sell/produce/develop components for biogas upgrading plants	T4
Utilisation	Vehicle manufacturers	U1
	Vehicle salesmen/car-dealers	U2
	Major vehicle fleet owners	U2
	Companies that convert petrol vehicles to run on gas	U4
	NGV service stations	U5
LPG	Companies that can convert LPG vehicles to run on methane gas	L1
Other	Research institutes	O1
	Municipalities	O2
	Local, regional and national authorities	O3
	Non-profit organizations	O4

Key actors on the gas market

Supply

Company/Organisation name	Actor Code	Homepage	Brief description of company/organisation
Kalmar Biogas AB	S2	http://www.kvab.kalmar.se/sites/kvrab/templates/KvrabPage.aspx?id=3935	Since January 2008 is run the biogas plant and gas filling stations of Kalmar Biogas Ltd. This new subsidiaries within Kalmar municipality group were formed at the turn of the year 2008.
Växjö kommun, Tekniska förvaltning	S2	http://www.vaxjo.se/vaxjo_templates/Page.aspx?id=3343	A part of Växjö municipality that is responsible for the waste water's treatment
EON Gas	S1	www.eon.se/templates/InformationPage.aspx?id=12004	Energy company and gas supplier
BioMil AB	S3	www.biomil.se	Consultant company within the biogas area
OP System AB	S4	www.opssystem.se	Selling equipment for pre-treatment of substrates to biogas plants, for example packed food etc.
Astimac	S4	www.astimac.se	Selling pumps and stirring equipment for manure systems
Lunds Energi	S1	www.lundsenergi.se	Energy company and gas supplier
Öresundskraft	S1	www.oresundskraft.se	Energy company and gas supplier
KRAB (Karpalund)	S2	www.krab.se	Municipal company which runs a biogas plant
NSR	S2	www.nsr.se	Waste company which runs a biogas plant
Danmat AB	S3	www.danmat.se	Consultant dealing with energy and environmental questions.
Hushållningssällskapet Skåne	S3	www.hs-l.hush.se	Advising for farmers
Bioprocess control	S4	www.bioprocesscontrol.se	Develops equipment for optimizing the digestion process
VA SYD	S2	www.vasyd.se	Municipal company running 2 waste water treatment plants with biogas production
SYSAV	S2	www.sysav.se	Waste company
Uppsala Kommun (Uppsala	O2, S2, T2,	www.uppsala.se	The municipality produce, upgrade and use bio methane in their

Municipality)	T1, S3		public transportation fleet.
Sala Heby Energi (Sala Energy company)	S5, S1	www.sheab.se	Local energycompany with interest in environmental issues and renewable energy.
Växtkraft (Vafab energy company)	S1, S2, S3, T1, T2	www.vafabmiljo.se	
Gasilage Sala AB	S5	www.gasilage.se	Runs different projects related to biogas.
Katrineholms Energi	S5, S1	www.keab.se	Energy company with plans of building a biogas plant
Eskilstuna Energi & Miljö	S2, S1	www.eskilstuna-em.se	Energy company which owns and operates production and filling station.
Vattenfall AB	S5, S1	www.vattenfall.se	Energy company with potential to produce biogas
Telge Energi	S5, S1	www.telgeenergi.se	Energy company with environmental profile and potential to produce biogas or own filling stations.
Nynäs Gård, Ökna skolan	S5	www.oknaskolan.se	Farming school with plans of producing biogas
Lantmännen energi	S5	www.lantmannenenergi.com	Energy company for farmers.
Scandinavian Biogas	S4, T1,S3	www.scandinavianbiogas.se	Private company that specializes in making the biogas processes as efficient as possible.

Treatment and distribution

Company/Organisation name	Actor Code	Homepage	Brief description of company/organisation
Kalmar Biogas AB	S2	http://www.kvab.kalmar.se/sites/kvab/templates/KvabPage.aspx?id=3935	Since January 2008 is run the biogas plant and gas filling stations of Kalmar Biogas Ltd. This new subsidiaries within Kalmar municipality group were formed at the turn of the year 2008.
Växjö kommun, Tekniska förvaltningen	S2	http://www.vaxjo.se/vaxjo_templates/Page.aspx?id=3343	A part of Växjö municipality that is responsible for the waste water's treatment
Kalmar Biogas AB	T1	http://www.kvab.kalmar.se/sites/kvab/templates/KvabPage.aspx?id=3935	Since January 2008 the biogas plant and gas pump station is operates by Kalmar Biogas AB. This new subsidiaries within Kalmar municipality group were formed at the end of the year 2008.

E.ON Gas Sverige AB	T2	http://www.eon.se	E.ON is a big actor on the gas market in Sweden. Currently there is some 50 filling stations in Sweden and E.on is planning to establish the same number again over the next few years.
Läckeby Water Group	T4	http://www.purac.se/sv/	Purac is a part of Läckeby Water Group, an independent, privately-owned Swedish group, which offers contracting, products and servicing for water treatment and biogas production. Established in three continents and have to date completed contracts in 70 countries worldwide. Whith sales of around USD 70 milion, Läckeby Water Group is a leader company in its field.
VA Syd	T1	www.vasyd.se	Waste water treatment with upgrading plant
EON	T1		Energy company and gas supplier, owner of filling stations
NSR	T1, T2	www.nsr.se	Upgrading biogas produced from waste
C4 Teknik	T1	www.kristianstad.se/sv/Om-kommunen/Styrning-och-forvaltning/Forvaltningarna/C4-Teknik/	Municipal waste water treatment facility with biogas upgrading plant
Helsingborgs kommun	T1	www.helsingborg.se	Municipality with production of biogas and soon also upgrading plant.
Lunds Energi	T2	www.lundsenergi.se	Energy company and gas supplier, owner of filling stations
Öresundskraft	T2	www.oresundskraft.se	Energy company and gas supplier, owner of filling stations
AGA Linde Gas	T2, S1	www.aga.se	The company sells and distributes a large number of different types of gas, e.g. Biomethane, LNG, LPG
Luftfartsverket	T2	www.lfv.se	Airport owner, has biogasbusses and tankstation.
Statoil	T2	www.statoil.se	Petrol company, owner of biogas fuel station.
OKQ8	T2	www.okq8.se	Petrol company, owner of biogas fuel station.
Uno-X	T2	www.uno-x.se	Petrol company, owner of biogas fuel station.
Shell	T2	www.shell.com	Petrol company, owner of biogas fuel station.
EON	T2	www.eon.se	Petrol company, owner of biogas fuel station.
Svensk Biogas	T2, T1, S2	www.tekniskaverken.se	Owner of biogas fuelling stations and biogas plants

Fordonsgas Sverige	T2	www.fordonsgas.se	Owner of biogas fuelling stations.
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Utilisation

Company/Organisation name	Actor Code	Homepage	Brief description of company/organisation
Sun Fleet	U3	www.sunfleet.se	Companies organizing car rental (bilpooler)
Municipalities in Skåne using NGVs	U3		Malmö, Trelleborg, Ystad, Kristianstad, Helsingborg, Eslöv, Lund, Båstad, Hässleholm, Landskrona
Din Bil	U2	http://www.volkswagenmalmo.se/default.shtml	Volkswagen retailer
Hedin Bil	U2	www.hedinbil.se	Mercedes retailer
Opel	U2	www.opel.se	Selling NGVs in Sweden
Fiat	U2	www.fiat.se	Selling NGVs in Sweden
Region Skåne	U3	www.skane.se	Regional Authorities of Skåne
Italienska Bil	U2	www.fiat.se	Sells Fiat NGVs
Upplands lokaltrafik	U3	www.ul.se	Local and regional public transportation, Uppland county
Västmanlands lokaltrafik	U3	www.vl.se	Local and regional public transportation, Vastmanland county
Länstrafiken Sörmland	U3	www.lanstrafiken.se	Local and regional public transportation, Sodermanland county
Hertz	U3	www.hertz.se	Car Rental company
Box Delivery	U3		Delivering service
Taxi kurir	U3	www.taxikurir.se	Taxi company
Taxi 020	U3	www.taxi020.se	Taxi company
Kranz Åkeri	U3		Logistic company
Luftfartsverket	U3	www.lfv.se	Airport with biogasbuses and fillingstation
Sunfleet	U3	www.sunfleet.com	Car pool

LPG

Company/Organisation name	Actor Code	Homepage	Brief description of company/organisation
AGA, Linde Gas		www.aga.se	Sells LPG

Other

Company/Organisation name	Actor Code	Homepage	Brief description of company/organisation
Vägverket	O3	www.vv.se	Swedish national road authority
Bioteknik LTH	O2	www.lu.se	University with research in the biogas field
Länsstyrelsen	O3	www.m.lst.se	Regional authority with supervision within the energy sector etc.
Svenska Biogasföreningen	O4	www.sbgf.info	Swedish biogas association
Gasföreningen	O4	www.gasforeningen.se	Swedish energy gas association
Municipalities in Skåne	O2		33 municipalities
Gröna Bilister	O4	www.gronabilister.se	Green Car association
Hushållningssällskapet	O4	www.hush.se	Farmers association
LRF	O4	www.lrf.se	Farmers association
SLU	O1	www.slu.se	University
JTI	O1	www.jti.se	Research institute
Uppsala Universitet	O1	www.uu.se	University
Mälardalens Högskola	O1	www.mdh.se	University
IVL	O1	www.ivl.se	Research institute
Länsstyrelsen i Uppsala	O3	www.c.lst.se	County board
Länsstyrelsen i Västmanland	O3	www.u.lst.se	County board
Länsstyrelsen i Södermanland	O3	www.d.lst.se	County board
Uppsala kommun	O2	www.uppsala.se	Municipality
Nyköpings kommun	O2	www.nykoping.se	Municipality
Enköpings kommun	O2	www.enkoping.se	Municipality
Strängnäs kommun	O2	www.strangnas.se	Municipality
Västerås kommun	O2	www.vasteras.se	Municipality
Eskilstuna kommun	O2	www.eskilstuna.se	Municipality
Gnesta kommun	O2	www.gnesta.se	Municipality
Sala kommun	O2	www.sala.se	Municipality
Heby kommun	O2	www.heby.se	Municipality
Knivsta kommun	O2	www.knivsta.se	Municipality
Flens kommun	O2	www.flen.se	Municipality

Katrineholms kommun	O2	www.katrineholm.se	Municipality
Jordbruksverket	O3	www.sjv.se	National board of agriculture
Energimyndigheten	O3	<a href="http://www.energimyndighet
en.se">www.energimyndighet en.se	National Energy Agency