



Biogas in Southeast Sweden

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IEE Biomethane Regions
2011-2014

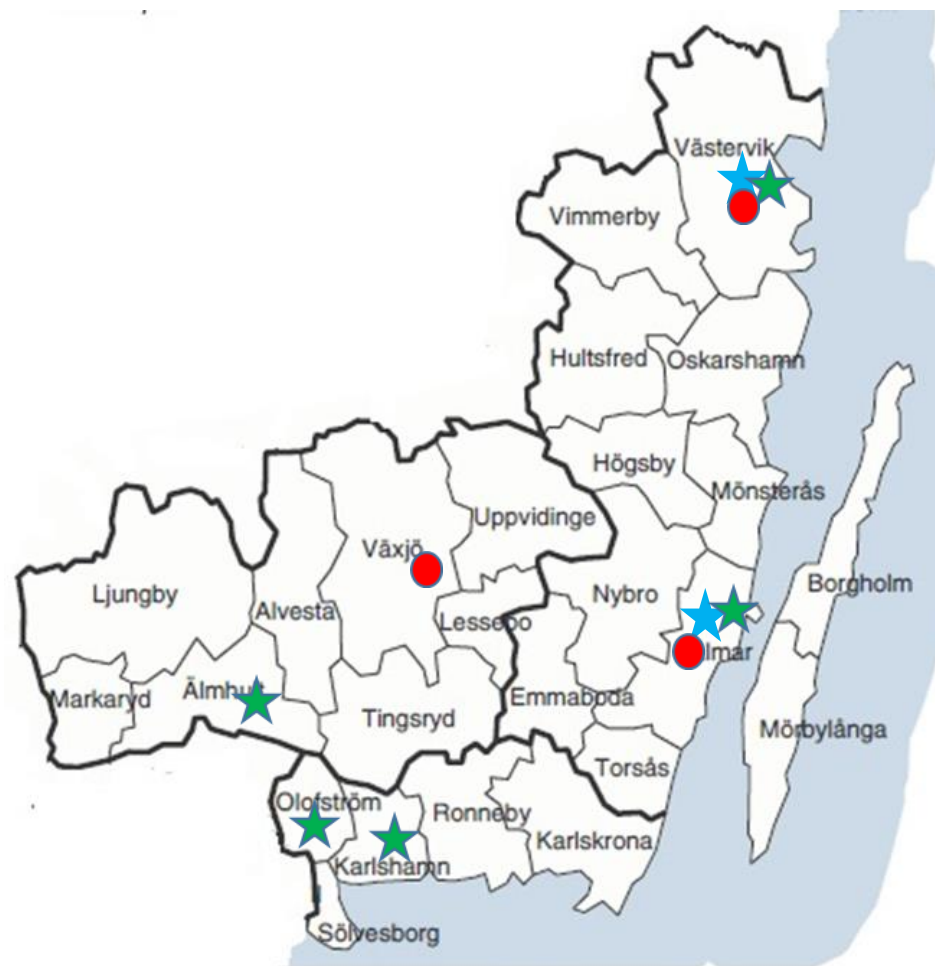
H2020 BiogasAction
2016-2018



MORE BIOGAS



Situation in Southeast Sweden 2008 -



Public procurement of buses
in Kalmar County in 2007 (18
buses)

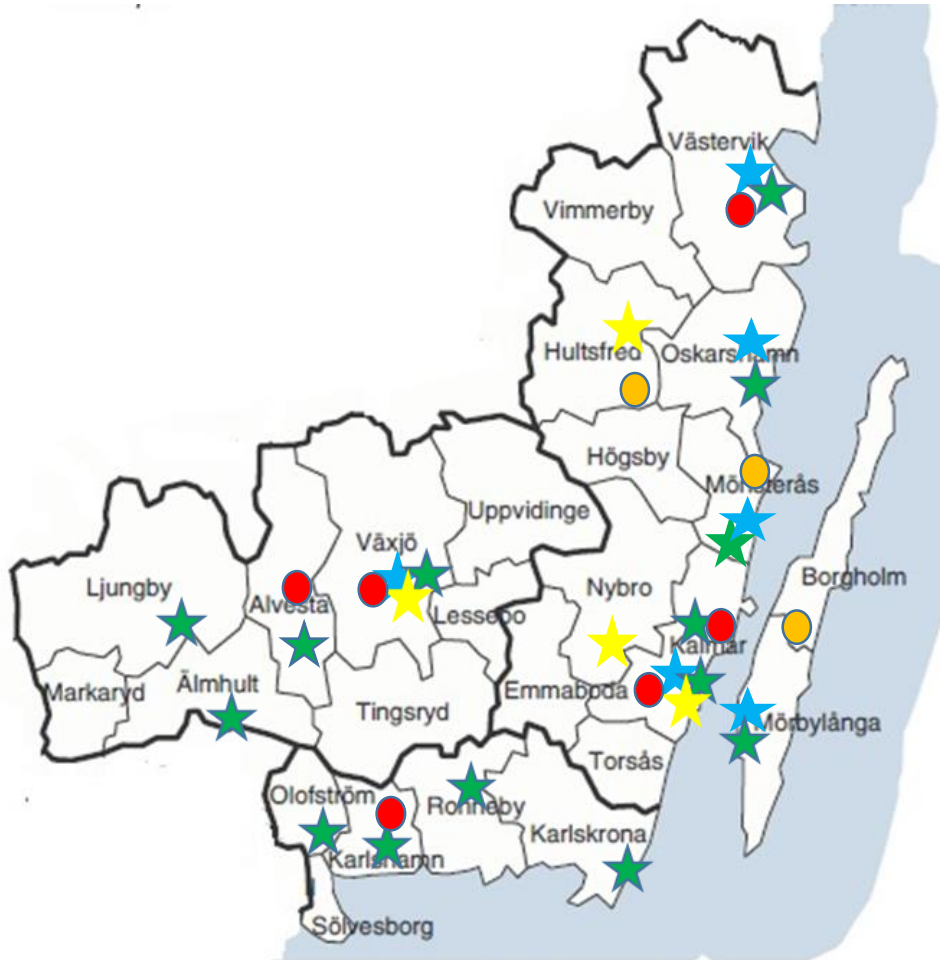
3 biomethane plants
(~10 GW/yr)

2 bus depots

5 public refuelling stations

Biogas Sydost is started

Situation in Southeast Sweden today



- Common strategy and Action Plan for biomethane used as vehicle fuel 2014-17 between all three counties
- 3 new biomethane plants (10 => 80 GWh/yr)
- Another three planned (+187 GWh/yr)
- Public procurement of buses in Växjö 2013 resulted in 38 biomethane buses
- Public procurement of buses in Kalmar county, 2016, 60% or 54 GWh/yr biomethane
- 14 refuelling stations for BioCNG
- >4 planned

Short term biomethane potential in Kalmar County

Plant	Production today GWh/yr	Possible production increase (2020) GWh/yr	Total GWh/yr	Investment support received SEK
Kalmar Biogas	8-10	-	8-10	
More Biogas	20	20	40	
Västervik Biogas	3	-	3	
Mönsterås Biogasproduktion	-	120	120	108
Öland	-	60	60	
Hagelsrum Biogas	(4)	7	7	13
Kalmar County in total	31-33	207	238 -240	
Kronoberg County (2)	30	30	60	

Next step: LBG?

- Pre-study to find out if there is a market for LBG produced in our region 2016-17
 - LBG competitive in heavy vehicles but in for maritime transport or industry
- Road map how to realize a national LBG-demonstration arena in Kalmar County delivered to Swedish Government in February 2018.
 - 200 MSEK granted to the Swedish Energy Agency in beginning of May
 - Open call for an innovation cluster 5 MSEK published end of May. 50 % co-financing only from private sources
 - Next call for remaining 195 MSEK expected any day
- The share of biomethane in BioCNG is now 90,8 % (first half of 2018). The target is 100% in 2030.

