

**Press release from
Rå Biopark og Barents
NaturGass**



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Rå Biopark with billion-deal on biogas in the north

Smiles all around from the management of both Rå Biopark and Barents NaturGass when the Letter Of Intent for the sale and distribution of biogas was signed in Hammerfest. The deal could potentially be worth 1.2 billion NOK.

- This is a milestone for North-Norwegian businesses. The cooperation between us and Barents NaturGass is not only a long-term agreement on the sale and distribution of the biogas produced, but also a significant contribution to the green shift in the north.

- The deal with Barents NaturGass is a confirmation that Rå Biopark is a good project and that we now are very close to realizing a large renewable energy adventure, says CEO Sigve Daae Rasmussen in Rå Biopark.

A paradigm shift

He gets support from sales manager Mikael Rikstad Iversen in Barents NaturGass, he is pleased that they in the future also can offer their customer a product that is fully climate neutral in addition to natural gas.

- for us in Barents NaturGass this means a paradigm shift where we get Biogas into our product portfolio. Only three years ago, few industrial and shipping customers were interested in biogas - now everybody wants it. This is why it is extremely important for us to be part of this exciting industry project in the north.

Truck Filling stations

Barents NaturGass annually transport 2000 trailer loads of natural gas from Hammerfest to different customers in the north of Norway, Sweden and Finland. The company delivers energy to businesses that create 5000 jobs in our region, including multiple ferry connections. In the deal with Rå Biopark there also lies a cooperation on developing a filling station network for trucks in Northern Norway.

- It is a potential to establish truck filling stations at all major logistical hubs and intersections on Northern Norway, we wish to establish dialogue with potential customers and partners that are interested in having a filling station close by, says Iversen.

Utilizes the energy

The owners of Rå Biopark are all waste companies that has a clear goal to contribute to a far better energy utilization of food waste and sludge than making compost dirt. Through closed systems Rå Biopark will produce liquid biogas equal to more than 5 million liters of diesel per annum.

- It is amazing that we can supply the market with gas from a source that is renewable. The climate neutral fuel we produce will not only help a tightening energy supply but also be a important contribution to the futures energy mix, says Daae Rasmussen

Huge interest

The deal with Barents NaturGass and Rå Biopark has a duration of ten years with options for renewal. The frame is on approximately 1.2 billion NOK. Barents NaturGass will market all the biogas produced in Skibotn.

- The owners will focus on good handling of the waste and have decided to leave sales and distribution to a company with experience in this. There are many that are interested in the biogas and we could have sold our full production to the European market, but Rå Biopark is a north-Norwegian industrial project, and the owners have decided that the gas also should be used in northern Norway to develop our local communities.
- This is why we are pleased to announce the signing of a deal with Barents NaturGass, that we now have a partnership on sale and distribution not only reduces the uncertainty of the project, but also ads experience and knowledge on gas. Now we have taken a significant step forward towards realizing the Biopark in Skibotn. The final investment decision will be taken this fall, says Daae Rasmussen

Captions

(1TOA1804-2):

Rå Biopark, that will produce biogas equivalent to 5 million liters of diesel from food waste and other biowaste, have made a Letter of Intent on sale and distribution with Barents NaturGass with a potential value of 1,2 billion NOK. From the left Simon Ford (CTO, Rå Biopark), Stig Ove Hjelmevoll (HSEQ Manager, Barents NaturGass), Mikael Rikstad Iversen (Sales Manager, Barents NaturGass), Sigve Daae Rasmussen (CEO, Rå Biopark) and Frank Tony Arnesen (COO, Barents NaturGass)

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Sales manager Mikael Rikstad Iversen in Barents NaturGass and CEO in Rå Biopark, Sigve Daae Rasmussen, is very pleased with the agreement of sale and distribution of biogas worth 1.2 billion NOK.

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Smiles all around as the Letter of Intent on sale and distribution of biogas was signed. From the left - Sigve Daae Rasmussen (CEO, Rå Biopark), Stig Ove Hjelmevoll (HSEQ Manager, Barents NaturGass), Simon Ford (CTO, Rå Biopark), Mikael Rikstad Iversen (Sales Manager, Barents NaturGass).

Skibotn image

This is where the new factory for production of biogas shall be established in Skibotn. Final investment decision will be taken by the owners later this year.

Facts

about Rå Biopark

Rå Biopark is the largest environment project in North Norway. Behind the company are the six waste companies Hålogaland Ressursselskap IKS (33,40 %), Remiks Miljøpark AS (33,40 %), Reno Vest IKS (14,20 %) Avfallsservice AS (12,00 %) Lofoten Avfallsselskap IKS (5,00 %) and Finnmark Ressursselskap (2,00 %).

More than 60.000 tons of organic waste (food waste, sludge, fish waste etc.) from households and businesses in 41 municipalities shall be converted to approximately 5 million m³ of biogas in a new factory in Skibotn.

Enova has supported the factory with 39 MNOK and the establishing of truck filling stations with 14,4 MNOK as well as the purchase of 16 trucks with a combined amount of around 3 MNOK. In addition to biogas, other valuable resources like biochar and bio-CO₂ will be produced.

Facts

Barents NaturGass

Barents NaturGass is an energy company with head office in Hammerfest. The company delivers gas as energy to industrial customers, ships and trucks throughout North Norway, Sweden and Finland. The gas is transported on road with custom semi-trailers and containers. Barents NaturGass delivers about 2000 loads of Liquid Natural Gas and up to 5000 workplaces in the North depends on the energy deliveries from Barents NaturGass. The deal with Rå Biopark cements the company's position as the leading distributor of gas in Northern Norway and show the company's commitment to take part in the green shift as a distributor of climate neutral energy.

facts

biogas and natural gas

Biogas and natural gas are terms for the energy gas methane (CH₄). The gas is burned in engines or gas-kettles to create heat and energy. As natural gas and biogas are the same molecule, businesses that today use natural gas could seamlessly shift to using biogas without investing in equipment.

Natural gas is extracted from gas fields like the Snow-white field in the Barents Sea. To transport natural gas over distances it is cooled to -162 c and a liquid state (LNG). The energy content of 1 m³ LNG is equivalent to 600 m³ of gas. Natural gas is today used in the industry, shipping and road transport and mostly replace fuel oil/diesel as energy source. The climate gain compared to fuel oil is about 25% less CO₂ emissions and close to 100% reduction in NO_x and sulfur emissions.

Biogas is gas produced by bio rest materials like food waste, biological industrial waste, sewage sludge, manure and leftovers from agricultural production. Biogas creates energy from waste that would otherwise be lost and is seen as a renewable resource. Biogas is an important part of circular waste management and the circular economy. Biogas that is cooled to a liquid state of -162 c is called liquid biogas or LBG. Biogas could replace diesel in trucks, ships and fuel oil in the industry.