

**WEAK RESULT BUT EXPECTED SIGNIFICANT PRICE PREMIUM WITH BIO-LNG****SIGNIFICANT EVENTS IN THE FIRST QUARTER OF 2022**

- Biogas volumes at stable levels, 85.4 (90.4) GWh.
- New long-term objective for 2030 defined – 3 TWh biogas production
- Strengthening of the growth function and the Program Office in the Group management to meet the growing demand for Bio-LNG.
- In Sweden, the Stockholm Bio-LNG project and the process of ISCC certification of plants have started.
- In Norway, the Skogn II project is on track and is in an advanced stage of construction.
- Profitability significantly impacted by production subsidy in Sweden not being paid in the first quarter but only from 1 July 2022.

**RESULTS FOR FIRST QUARTER OF 2022**

- Energy sold decreased by 5.5% to 85.4 (90.4) GWh, due to that the comparative period included revenue of 5.8 GWh of LNG that this quarter was 0.0 Gwh.
- Net sales totalled SEK 92.9 (97.5) million, representing a decrease of 4.7%.
- Total revenue, including capitalised work, decreased by 6.6% and was SEK 98.4 (105.3) million.
- EBITDA was SEK 3.7 (16.9) million.
- Operating EBITDA was SEK 3.7 (16.9) million.
- Operating EBITDA margin was 3.9 (17.0) %.
- Loss after tax was SEK -11.9 (-7.3) million.
- Basic and diluted earnings per share was SEK -0.39 (-0.24).
- Cash flow from operating activities was SEK -15.4 (-2.4) million.

**SIGNIFICANT EVENTS AFTER THE END OF THE PERIOD**

- Given recent energy and emission price levels in selected export markets and user segments, Bio-LNG is assumed to have a 50-100 % premium compared to Group's current CBG prices.
- The Group remains committed to its growth plan and long-term objectives, and will under current circumstances, assess viable financing options including both current growth projects as well as new project opportunities in the pipeline.
- In a press release issued on 11 April, it was reported that profitability in the first quarter of 2022 will be significantly lower than planned.

GROUP SEK million, unless otherwise stated	3 months			
	Jan-Mar 2022	Jan-Mar 2021	Δ	Full year 2021
Sold GWh	85.4	90.4	-5.5%	366.3
Net sales	92.9	97.5	-4.7%	393.8
Other revenue	0.5	2.2	-76.0%	36.6
Total revenue, including capit. work	98.4	105.3	-6.6%	451.1
EBITDA	3.7	16.9	-78.2%	90.1
Operating EBITDA	3.7	16.9	-78.2%	80.9
Operating EBITDA %	3.9%	17.0%	-76.8%	19.2%
Operating income	-16.9	-3.4	na	5.0
Earnings per share (SEK)	-0.39	-0.24	na	-1.27
Cash flow from operating activities	-15.4	-2.4	na	55.7
Equity/assets ratio	29.9%	34.2%	-4.3pe	30.2%

## The Group remains committed to its growth plan and long-term objectives



### MATTI VIKKULA

*President and CEO*

#### GROUP GOALS

- Production capacity to be at least 700 GWh of biogas by 2024.
- Total revenue to be at least SEK 750 million by 2024.
- Operating EBITDA margin to be at least 30% by 2024.
- Equity/assets ratio to be at least 25% on an ongoing basis.

#### LONG-TERM OBJECTIVE

- Biogas production to be 3 TWh by 2030.

In last year's autumn budget, the Swedish Parliament decided on a commitment to biogas until 2040. The budget includes biogas production support of SEK 500 million for 2022, increasing to SEK 700 million per year thereafter. At the end of March, partially new rules and a new process for production support were published, meaning that production support will not be obtainable for the first half of 2022, which will have a negative impact on the profitability of the industry and our own profitability.

During the first quarter we continued to develop and invest in capacity expansion in line with our growth plan. In January it was announced that we are investing SEK 300 million in Gladö Kvarn, one of our facilities, which will liquefy biogas from that plant as well as the biogas from the production plant in Henriksdal in Stockholm. The latter reaches Gladö Kvarn through an expanded gas network, where it is converted into liquid form. The advantage of liquefying the gas is that it takes up only one-sixth as much tank volume as compressed gas, making logistics and use much more cost-effective and enabling the product to be sold throughout Europe.

In terms of sales and earnings, the first quarter was weak in relation to the previous year and our plan, as announced to the market on 11 April. The lower profitability is mainly due to two factors. Firstly, the production support decided by the Swedish Government will not be paid for the first half of the year, but only from July 2022. In addition, the deteriorating global situation has sharply pushed up energy and commodity prices, affecting those elements it has not been possible to hedge. As the majority of the Group's prices to customers are index-linked on an annual basis, this has a negative impact in the short term. Sweden is our market that has been hit hard by the effects described above and accounts for most of the decline in profitability in the first quarter. The

Norwegian business has delivered a stable quarter with higher sales and profitability slightly above the previous year. The same applies to the Korean business.

Bio-LNG (liquid biogas) prices have been rising across Europe, even faster than energy prices in general. This trend for Bio-LNG is mainly driven by the increased demand in heavy transport. Liquefied biogas and its ability to be transported far more cost-effectively over longer distances has fundamentally changed the market. We have strengthened our organisation and broadened our market to cover northern Europe. Scandinavian Biogas is now aiming to reach at least 3 TWh of biogas production by 2030.

To summarise, we have delivered a somewhat weak quarter. Biogas deliveries totalled 85.4 GWh, compared to 84.6 GWh (excluding LNG deliveries in 2021) in the comparative period. Total revenue, including capitalised work, decreased by 6.6 percent and was SEK 98.4 (105.3) million. Operating EBITDA for the period was SEK 3.7 (16.9) million, representing a margin of 3.9 (17.0) %.

Given recent energy and emission price levels in selected export markets and user segments, Bio-LNG is assumed to have a 50-100 % premium compared to Group's current CBG prices. The positive price development is mainly a result of new business opportunities and Bio-LNG's emission reduction. The Group remains committed to its growth plan and long-term objectives, and will under current circumstances, assess viable financing options including both current growth projects as well as some new project opportunities in the pipeline.

## SIGNIFICANT EVENTS IN THE FIRST QUARTER OF 2022

### NEW LONG-TERM OBJECTIVE

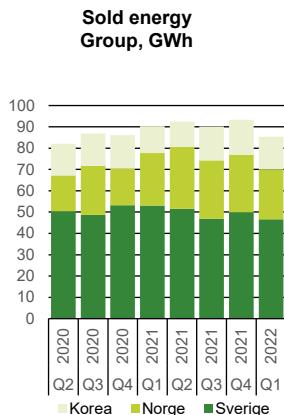
Scandinavian Biogas has defined a long-term target for 2030: to produce 3 TWh, mainly Bio-LNG. Future growth will be based on both organic growth and acquisitions. The investments will be made in northern Europe. To accelerate growth, a dedicated department at Group level has been established to focus on growth opportunities.

### FURTHER STRENGTHENING OF THE ORGANISATION

Scandinavian Biogas is strengthening its Group management and has established a Program Office function. Robert Hammarstedt is responsible for the Program Office and worked in Scandinavian Biogas in 2021 and has been a member of the Group management since 1 April 2022.

### NOTICE OF ANNUAL GENERAL MEETING

Scandinavian Biogas gives notice of its Annual General Meeting to be held on 28 April. The AGM will be held at the Clarion Sign Hotel in Stockholm.



## GROUP SALES AND PROFIT OR LOSS

### FIRST QUARTER

Group net sales decreased by 4.7% and totalled SEK 92.9 (97.5) million. The change is mainly due to the discontinuation of minor sales of LNG from the beginning of the year. Sales for this business in the first quarter of 2021 were approximately SEK 5 million. Adjusted for this business, net sales were in line with the comparative quarter. The profitability of LNG sales was modest and does not have a significant impact on EBITDA.

Total revenue, consisting of sales, biogas support and capitalised work, was SEK 98.4 (105.3) million. Other operating income mainly includes biogas production support and other types of EU subsidies.

Costs of raw materials and supplies were broadly in line with the previous year and were SEK

SEK 48.8 (48.1) million. Personnel costs totalled SEK 23.9 (21.5) million, up SEK 2.4 million on the previous year.

Group EBITDA was SEK 3.7 (16.9) million in the quarter. Operating EBITDA was SEK 3.7 (16.9) million.

Operating income was SEK -16.9 (-3.4) million. Group profit or loss after tax was SEK -11.9 (-7.3) million, of which SEK 19.3 (6.1) million is due to translation differences. Depreciation, amortisation and impairment of fixed assets was SEK -23.9 (-21.5) million. Financial expenses totalled SEK -15.9 (-10.0) million. Financial expenses consist mainly of interest on the corporate bond and lease liabilities. A small portion of the financial expenses relates to accrued financial expenses related to the issued bond.

## BUSINESS AREA SWEDEN



### SWEDEN

### 3 months

SEK million, unless otherwise stated	Jan-Mar	Jan-Mar	Δ	Full year
	2022	2021		2021
GW <sub>h</sub> sold	46.6	53.1	-12.2%	201.5
Net sales	55.3	62.0	-10.9%	240.7
Other revenue	0.0	1.8	na	24.3
Total revenue, including capitalised work	58.7	67.9	-13.6%	279.6
Operating expenses	-53.3	-52.7	-1.1%	-205.8
EBITDA	5.4	15.2	-64.6%	73.8
Operating EBITDA	5.4	15.2	-64.6%	69.7
Operating EBITDA %	-9.7%	-23.8%	-14.1pe	26.7%

#### Events during the quarter

- Biogas volume at a stable level, adjusted for a small LNG business which was discontinued during the period. The business has had little impact on profitability.
- No biogas production subsidy received during the period.
- The Stockholm Bio-LNG growth project is on track. The process of ISCC certification of the Söderörn plant has started.

Energy sold was 12.2% lower than in the same period of the previous year. However, adjusted for the discontinued natural gas business, production is stable and in line with the previous year for the first quarter. Total revenue including capitalised work was 13.6% lower than in the same quarter of 2021, mainly as a result of higher energy and substrate prices. Production subsidy received for the quarter was SEK 0.0 (0.0) million, as part of a government decision. In the 2021 financial year, production assistance totalled SEK 11.9 million.

Biogas support is expected to be received from 1 July 2022. Operating EBITDA was SEK 5.4 (15.2) million. Business Area Sweden on average processed a total of 208 (194) tonnes of organic waste per day during the quarter.

## BUSINESS AREA NORWAY



### NORWAY

### 3 months

SEK million, unless otherwise stated	Jan-Mar	Jan-Mar	Δ	Full year
	2022	2021		2021
GW <sub>h</sub> sold	23.4	24.6	-4.9%	108.0
Net sales	24.3	23.5	3.5%	100.9
Other revenue	1.1	0.1	na	7.5
Total revenue, including capitalised work	26.9	25.1	7.0%	114.1
Operating expenses	-22.3	-21.1	5.7%	-89.1
EBITDA	4.6	4.0	14.2%	25.0
Operating EBITDA	4.6	4.0	14.2%	19.9
Operating EBITDA %	18.0%	17.0%	1.0pe	19.3%

#### Events during the quarter

- Production remained stable and high.
- The Skogn II project is on schedule and is expected to be in production by the end of 2022.

Production remained stable and high. As a result of high production, operating EBITDA was better than in the same period of the previous year. Total revenue, including work in progress, was 7.0% higher than in the same quarter of 2021. Operating EBITDA was SEK 4.6 (4.0) million. EBITDA was SEK 4.6 (4.0) million.

Business Area Norway processed an average of 172 (200) tonnes of organic waste per day during the quarter.

## BUSINESS AREA KOREA



### KOREA

### 3 months

SEK million, unless otherwise stated	Jan-Mar	Jan-Mar	Δ	Full year
	2022	2021		2021
GW <sub>h</sub> sold	15.4	12.7	21.3%	56.8
Net sales	13.2	12.0	10.1%	52.0
Other revenue	-	-	-	-
Total revenue, including capitalised work	13.2	12.0	10.1%	52.0
Operating expenses	-10.6	-9.6	10.7%	-41.3
EBITDA	2.6	2.4	7.8%	10.7
Operating EBITDA	2.6	2.4	7.8%	10.7
Operating EBITDA %	19.8%	20.3%	-0.5pe	20.6%

#### Events during the quarter

- Stable production and delivery to the customer.

Production slightly higher than in the same period of the previous year. Operating EBITDA is in line with the same period of the previous year and was SEK 2.6 (2.4) million.

Business Area Korea processed an average of 174 (177) tonnes of organic waste per day during the quarter.

## EARNINGS AND EARNINGS PER SHARE

Profit/loss after tax was SEK -11.9 (-7.3) million for the period. Basic and diluted earnings per share was SEK 0.39 (-0.24).

## CASH FLOW

Cash flow from operating activities for the quarter was SEK -15.4 (-2.4) million. Total cash flow for the first quarter was SEK -42.0 (-52.7) million and is mainly attributable to operating and investing activities. Cash flow from investments in property, plant and equipment, gross of investment grants, was SEK 26.8 (8.6) million in the first quarter and is mainly attributable to the expansion of the plant in Skogn, Norway and Stockholm Bio-LNG, Sweden. During the quarter, investment grants of SEK 7. (0.0) million were received. The contribution is reported on a separate line within cash flow from investing activities.

## INVESTMENTS

Investments in tangible and intangible fixed assets before investment support in the first quarter were SEK 27.9 (9.6) million. Investments in tangible and intangible fixed assets, net of investment support, totalled SEK 20.3 (9.6) million.

At 31 March 2022, the carrying amount of the Group's tangible and intangible assets was SEK 1,102.4 (1,042.9) million, of which SEK 287.5 (294.3) million relates to right-of-use assets.

## GROWTH

Financial targets up to 2024 were adopted at the time of the IPO in December 2020. The growth plan moved forward in 2021. Investment decisions for the Skogn II project in Trondheim, Norway and the Stockholm Bio-LNG project in Södertörn, Sweden were taken in April 2021 and December 2021, respectively. The project in Norway is progressing according to plan.

In Stockholm Bio-LNG, the project is cooperating with Gasnätet Stockholm regarding the gas infrastructure, with the aim of connecting the Södertörn plant to the gas network in Stockholm, enabling liquefaction of the biogas produced in Henriksdal. The plant is being built with proven technology but is the first to be delivered at this size.

The investment decision for the next project in the growth plan concerns the project in Mönsterås, and will be taken in the second quarter of 2022.

## FINANCING

Cash and cash equivalents at 31 March 2022 totalled SEK 412.4 (327.5) million.

Operations are financed by equity, corporate bonds and leasing. In Sweden, a large proportion of the production facilities are leased with an initial term of about 25 years. Borrowing related to lease liabilities totalled SEK 300.4 (305.2) million. Borrowings, excluding leases, totalled SEK 668.9 (556.9) million at 31 March 2022.

For the future, the Group has an ambition to achieve further growth, and is actively working on new growth projects. The Group expects that financing of major future projects will require various types of collaboration and financing, depending on the project's structure and positioning, both equity and borrowed capital.

The equity ratio was 29.9 (34.2) % at 31 March 2022.

## Green financing – equity framework

Scandinavian Biogas was reviewed in 2020 by CICERO Shades of Green AS ('CICERO'), which provides a market-leading independent, research-based evaluation of green bonds and sustainability bonds and ranks liabilities on a scale from pale to dark shades of green to offer investors better insight into environmental quality and climate risks as well as full company assessments. CICERO has also developed a new method for assessing companies by expanding the green financing framework to include the entire company and its equity.

## Scandinavian Biogas's ratings

CICERO completed its second opinion for Scandinavian Biogas in August 2020, rating the Company's debt financing as dark green and its governance as good. In November 2020 CICERO awarded Dark Green shading to all Scandinavian Biogas's revenue streams and investments, and rated its corporate governance

as good. The 2021 Annual Report contains the Green Framework Report.

## SIGNIFICANT OPERATIONAL RISKS AND UNCERTAINTIES

The Swedish government budget includes biogas production support of SEK 500 million for 2022, increasing to SEK 700 million per year thereafter. At the end of March, partially new rules and a new process for production support were published, meaning that production support will not be obtainable for the first half of 2022, which will have a negative impact on the whole industry.

The long-term support system is not yet clear, and there is therefore a risk that the planned future levels of support will not be achieved.

## Disputes

Updates on what has happened regarding the Group's unsettled disputes are provided below. The status is otherwise unchanged; for a more detailed description of the disputes, please refer to the 2021 Annual Report. The Korean subsidiary has initiated civil litigation regarding certain service costs, as previously reported. First initial negotiations took place in May 2021 and the outcome was received in September 2021. The judgment had a negative outcome and is under appeal. The service costs have already been recognised in full.

Significant risks and uncertainties are detailed in the most recent annual report, which is available at [www.scandinavianbiogas.com](http://www.scandinavianbiogas.com).

## FINANCIAL POSITION

The balance sheet total on 31 March 2022 was SEK 1,645.8 (1,531.6) million. Non-current and current lease liabilities totalled SEK 300.4 (305.2) million. Equity changed during the quarter with the profit for the period and the change in translation differences on foreign subsidiaries.

## THE SHARE

The number of shares is 30,533,852 (30,533,852) as of 31 March 2022. The quotient value is SEK 2.0 (2.0) per share, and each share carries one vote. All outstanding shares are ordinary shares and therefore carry the right to equal shares in the assets and profits of Scandinavian Biogas Fuels International AB (publ).

The Company's shares have been listed on Nasdaq First North Premier Growth Market since 16 December 2020. The subscription price at listing was SEK 37.5 per share. The closing price at 31 March 2022 was SEK 23.2 per share.

The shares are listed with ticker BIOGAS, with ISIN code SE001542896. The LEI code is 549300VWBIVTYSH87870.

## OWNERSHIP STRUCTURE AT 31 MARCH, IN PERCENT

Shareholders at 31 March 2022	Number of shares	%
TrønderEnergi AS	3,713,272	12.2%
Bengtssons Tidnings AB	3,648,376	11.9%
Northern Trust	2,667,432	8.7%
Ilija Batjan Invest AB	2,666,400	8.7%
Länsförsäkringar Småbolag	2,258,887	7.4%
Apriori AB	1,434,284	4.8%
Handelsbanken Hållbar Energi	1,323,790	4.3%
Lannebo Sverige Hållbar	959,127	3.1%
Skandia Sverige Hållbar	800,000	2.6%
Fondita 2000+	755,244	2.5%
<b>Other</b>	<b>10,307,040</b>	<b>33.8%</b>
<b>Total shares</b>	<b>30,533,852</b>	<b>100.0%</b>

## RELATED-PARTY TRANSACTIONS

The company did not have any related party transactions during the quarter. Other than that, there have been no related party transactions.

## EMPLOYEES

At 31 March 2022, the business had a total of 103 (91) employees: 68 (56) in Sweden, 19 (20) in Korea and 16 (15) in Norway.

## PARENT COMPANY

Scandinavian Biogas Fuels International AB (publ) (the 'Company') is the Parent Company of the Scandinavian Biogas Group, which comprises several wholly and partly owned companies registered in Sweden, Norway and Korea. The Group's business is mainly operated through subsidiaries. Scandinavian Biogas Fuels International AB (publ) is domiciled and headquartered in Stockholm, Sweden.

The Parent Company's total revenue for the first quarter of 2022 was SEK 0.7 (0.6) million. Profit/loss after tax was SEK -17.2 (-3.4) million for the period January to March 2022. Cash and bank balances at 31 March 2022 totalled SEK 230.5 (266.3) million. The balance sheet total was SEK 1,438.7 (1,115.4) million on the same date.

## OUTLOOK

Scandinavian Biogas has defined long-term growth targets. The European biogas market is experiencing a paradigm shift and is developing very rapidly, particularly in the Bio-LNG (liquid biogas) market. Clear evidence has been seen of rapid growth in demand in the heavy transport segment. Shipping and industrial uses are also expected to follow.

The market for heavy transport vehicles is expected to grow from 2,800 to 280,000 vehicles in the 2020s (source: NGVA), a customer segment that requires a significant share of the energy to be Bio-LNG. Over the same period, biogas and Bio-LNG production in Europe is expected to grow from 191 TWh to 467 TWh (source: European Commission/EBA). Scandinavian Biogas expects a significant part of the growth to be in Bio-LNG.

Given the very attractive industrial prospects for biogas, Scandinavian Biogas aims to reach an annual biogas production capacity in Europe by 2030 of at 3 TWh of biogas, mainly Bio-LNG (liquid biogas). Based on the previously communicated business plan, the target to reach at least 700 GWh annual capacity by 2024 remains unchanged. Targeted growth will be based on both organic growth and acquisitions. In the first phase, investments will be made in northern and central Europe. To accelerate growth, a dedicated department at Group level has been established to focus on growth opportunities.

The current pipeline of potential growth projects and opportunities is very well aligned with the new production target of 2030 to reach annual biogas production of 3 TWh.

The Group sees positive long term price development for Bio-LNG, especially in selected export markets and user segments. Prices are assumed to be closer linked to the dynamic market prices. Given recent energy and emission price levels in selected export markets and user segments, Bio-LNG is assumed to have a 50-100 percent premium compared to Group's CBG prices lately. The positive price development is mainly a result of new business opportunities and Bio-LNG's emission reduction. When more favourable feedstock is used as raw material, the premium can be even higher. Bio-LNG sales on export markets will typically not be entitled to Swedish production subsidy.

Due to the postponed biogas production subsidy in Sweden, uncertainties with the production subsidy per produced Nm3 going forward and partly due to the negative impact of some of the raw materials, as earlier communicated at 11<sup>th</sup> of April, the Group's profitability is estimated to be lower than planned in 2022.

However, the Group remains committed to its growth plan and long-term objectives, and will under current circumstances, assess viable financing options including both current growth projects as well as some new project opportunities in the pipeline.

## Signatures

Scandinavian Biogas Fuels International AB (publ)

Stockholm, 28 April 2022

Anders Bengtsson  
*Chairman*

David Schelin  
*Board member*

Petra Einarsson  
*Board member*

Tina Helin  
*Board member*

Sara Anderson  
*Board member*

Håkon Welde  
*Board member*

Matti Vakkula  
*Chief Executive Officer*

Lars Bengtsson  
*Employee member*

Anders Bergvatten  
*Employee member*

*This interim report has not been reviewed by the Company's auditors.*

## OTHER INFORMATION

Scandinavian Biogas Fuels International AB (publ)  
company registration number 556528-4733, info@scandinavianbiogas.com, [www.scandinavianbiogas.se](http://www.scandinavianbiogas.se)

## PRESS AND ANALYST CONFERENCE AT 10.00 AM ON 28 APRIL

Investors, analysts and media are invited to a Teams presentation, where CEO Matti Vakkula and CFO Anna Budzynski will give a brief presentation of the report followed by a Q&A session. The presentation will be given in English and recorded in order to be made available online afterwards. To attend the conference, click on To join the conference, click on the [TEAMS](#) link or visit the Scandinavian Biogas website, where you will also find the presentation material and related information. No in-person meeting will be held.

### Contacts

Matti Vakkula, CEO, phone: +46 70 597 99 38  
Anna Budzynski, CFO, phone: +46 70 043 43 13

### Calendar

Annual General Meeting	28 April
Interim report January–June 2022	20 July
Interim Report January–September 2022	28 October

*This information is such that Scandinavian Biogas Fuels International AB (publ) is obliged to make public pursuant to the EU Market Abuse Regulation. The information was submitted for publication on behalf of the contacts on Thursday, 28 April 2022 at 7:30 am (CET).*

## CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME, SUMMARY

GROUP	Note	3 months		
		Jan-Mar 2022	Jan-Mar 2021	Full year 2021
<b>SEK thousand</b>				
Net sales		92,896	97,537	393,821
Capitalised work on own account		4,931	5,483	20,661
Other revenue		527	2,247	36,619
<b>Total</b>	<b>4</b>	<b>98,354</b>	<b>105,267</b>	<b>451,101</b>
Raw materials and consumables		-48,834	-48,087	-194,675
Other external costs		-21,944	-18,749	-78,582
Personnel costs		-23,894	-21,482	-87,731
Depreciation, amortisation and impairment of tangible and intangible assets		-20,185	-20,173	-84,325
Other operating expenses		-362	-139	-795
<b>Total</b>		<b>-115,219</b>	<b>-108,630</b>	<b>-446,108</b>
<b>Operating income</b>		<b>-16,865</b>	<b>-3,363</b>	<b>4,993</b>
Translation differences		19,327	6,068	11,849
Other financial income		1,008	29	392
Other financial expenses		-15,861	-9,957	-62,720
<b>Net financial items</b>		<b>4,474</b>	<b>-3 860</b>	<b>-50,479</b>
<b>Profit/loss before tax</b>		<b>-12,391</b>	<b>-7,223</b>	<b>-45,486</b>
Income tax		539	-78	6,755
<b>Profit/loss for the period</b>		<b>-11,852</b>	<b>-7,301</b>	<b>-38,731</b>
<b>Other comprehensive income</b>				
<i>Items that may be reclassified to profit or loss for the period</i>				
Translation differences		4,336	8,042	7,067
<b>Other comprehensive income for the period, net after tax</b>		<b>4,336</b>	<b>8,042</b>	<b>7,067</b>
<b>Total comprehensive income for the period</b>		<b>-7,516</b>	<b>741</b>	<b>-31,664</b>
<b>Profit/loss for the period attributable to:</b>				
Parent Company shareholders		-10,137	-5,939	-34,145
Non-controlling interests		-1,715	-1,362	-4,586
<b>Total</b>		<b>-11,852</b>	<b>-7,301</b>	<b>-38,731</b>
<b>Total comprehensive income for the period attributable to:</b>				
Parent Company shareholders		-5,707	2,485	-26,928
Non-controlling interests		-1,809	-1,744	-4,736
<b>Total</b>		<b>-7,516</b>	<b>741</b>	<b>-31,664</b>
<b>Earnings per share, basic and diluted, SEK</b>		<b>-0.39</b>	<b>-0.24</b>	<b>-1.27</b>

## CONSOLIDATED STATEMENT OF FINANCIAL POSITION, SUMMARY

SEK thousand	Note	2022-03-31	2021-03-31	2021-12-31
<b>ASSETS</b>				
<b>Non-current assets</b>				
Intangible assets		103,016	119,721	108,774
Tangible assets		711,807	628,816	682,388
Right-of-use assets	4	287,531	294,348	275,133
Financial assets		35,470	53,095	33,446
Other non-current assets		333	778	444
<b>Total non-current assets</b>		<b>1,138,157</b>	<b>1,096,758</b>	<b>1,100,185</b>
<b>Current assets</b>				
Inventories		8,460	8,992	8,636
Accounts receivable		53,842	45,499	56,743
Other receivables	5	10,943	23,646	15,210
Prepaid expenses and accrued income		21,630	29,268	19,815
Cash and cash equivalents		412,441	327,480	452,568
<b>Total current assets</b>		<b>507,316</b>	<b>434,885</b>	<b>552,972</b>
<b>TOTAL ASSETS</b>		<b>1,645,473</b>	<b>1,531,643</b>	<b>1,653,157</b>
<b>EQUITY</b>	Note	2022-03-31	2021-03-31	2021-12-31
<b>Equity attributable to equity holders of the Parent Company</b>				
Share capital		61,067	61,067	61,067
Other paid-in capital		1,271,372	1,271,372	1,271,372
Translation reserve		12,707	9,467	8,280
Retained earnings, incl. comprehensive income for the period		-844,546	-805,887	-834,093
		<b>500,600</b>	<b>536,019</b>	<b>506,626</b>
Non-controlling interests		-8,387	-12,077	-6,577
<b>Total equity</b>		<b>492,213</b>	<b>523,942</b>	<b>500,049</b>
<b>LIABILITIES</b>				
<b>Non-current liabilities</b>				
Borrowings	7	655,841	490,673	655,580
Lease liabilities		274,589	279,982	264,667
Deferred tax liabilities		10,800	11,937	11,209
Other provisions		-	193	-
<b>Total non-current liabilities</b>		<b>941,230</b>	<b>782,785</b>	<b>931,456</b>
<b>Current liabilities</b>				
Borrowings	7	13,061	66,264	14,629
Lease liabilities		25,847	25,255	23,243
Accounts payable		73,520	70,036	80,036
Other liabilities		61,993	15,429	58,692
Accrued expenses and deferred income		37,609	47,932	45,052
<b>Total current liabilities</b>		<b>212,030</b>	<b>224,916</b>	<b>221,652</b>
<b>TOTAL EQUITY AND LIABILITIES</b>		<b>1,645,473</b>	<b>1,531,643</b>	<b>1,653,157</b>

## CONSOLIDATED STATEMENT OF CHANGES IN EQUITY SUMMARY

Amount in SEK thousand	Attributable to shareholders of the Parent Company					Non-con-trolling interests	Total equity
	Share capital	Other paid-in capital	Conversion re-serve	Retained earnings incl. profit/loss for the period	Total		
<b>Opening balance at 1 Jan 2021</b>	<b>61,067</b>	<b>1,271,372</b>	<b>1,048</b>	<b>-799,948</b>	<b>533,538</b>	<b>-11,733</b>	<b>521,805</b>
Profit/loss for the period				-5,939	-5,939	-1,362	-7,301
Translation differences			8,419		8,419	-382	8,037
<b>Total comprehensive income</b>			<b>8,419</b>	<b>-5,939</b>	<b>-2,480</b>	<b>-1,744</b>	<b>736</b>
Contribution from non-controlling interests						1,400	1,400
<b>Total contributions from and value transfers to shareholders recognised directly in equity</b>						<b>1,400</b>	<b>1,400</b>
<b>Closing balance at 31 Mar 2021</b>	<b>61,067</b>	<b>1,271,372</b>	<b>9,467</b>	<b>-805,887</b>	<b>536,018</b>	<b>-12,077</b>	<b>523,941</b>
<b>Opening balance at 1 Jan 2022</b>	<b>61,067</b>	<b>1,271,372</b>	<b>8,280</b>	<b>-834,092</b>	<b>506,626</b>	<b>-6,577</b>	<b>500,049</b>
Profit/loss for the period				-10,454	-10,454	-1,715	-12,169
Translation differences			4,427		4,427	-95	4,332
<b>Total comprehensive income</b>			<b>4,427</b>	<b>-10,454</b>	<b>-6,027</b>	<b>-1,810</b>	<b>-7,837</b>
Contribution from non-controlling interests							
<b>Total contributions from and value transfers to shareholders recognised directly in equity</b>							
<b>Closing balance at 31 Mar 2022</b>	<b>61,067</b>	<b>1,271,372</b>	<b>12,707</b>	<b>-844,546</b>	<b>500,599</b>	<b>-8,387</b>	<b>492,213</b>

## CONSOLIDATED STATEMENT OF CASH FLOWS, SUMMARY

GROUP	Note	3 months		
		Jan-Mar 2022	Jan-Mar 2021	Full year 2021
<b>SEK thousand</b>				
<b>Cash flow from operating activities</b>				
Operating income		-16,865	-3 860	4,993
Depreciation, amortisation and impairment		20,185	20,173	84,325
Other non-cash items		-1,077	3,418	7,010
Interest received		940	-	-
Interest paid		-11,004	-3,322	-30,229
Income tax paid		-2,730	-	-
<b>Cash flow from operating activities before changes in working capital</b>		<b>-10,551</b>	<b>16,409</b>	<b>66,099</b>
<b>Cash flow from changes in working capital</b>				
Increase/decrease in inventories		176	915	1,271
Increase/decrease in operating receivables		5,353	2,784	3,800
Increase/decrease in operating liabilities		-10,421	-16,924	-15,429
<b>Total changes in working capital</b>		<b>-4,892</b>	<b>-18,793</b>	<b>-10,358</b>
<b>Cash flow from operating activities</b>		<b>-15,443</b>	<b>-2,384</b>	<b>55,741</b>
<b>Cash flow from investing activities</b>				
Acquisition of intangible assets		1,093	-1,041	-4,351
Acquisition of tangible assets		-26,828	-8,555	-152,296
Investment grants received		7,597	-	100,515
Acquisition of subsidiaries		-	-	-13,703
Restricted bank and other changes in financial assets		-	-12,293	12,765
<b>Cash flow from investing activities</b>		<b>-20,324</b>	<b>-21,889</b>	<b>-57,070</b>
<b>Cash flow from financing activities</b>				
Loans raised	5	-	2,103	627,403
Loan and lease repayment	5	-8,969	-31,953	-561,263
Contributions to/from non-controlling interests		-2,640	1,400	7,247
<b>Cash flow from financing activities</b>		<b>-6,329</b>	<b>-28,450</b>	<b>73,387</b>
<b>Total cash flow for the period</b>		<b>-41,997</b>	<b>-52,723</b>	<b>72,058</b>
<b>Decrease/increase in cash and cash equivalents</b>				
Cash and cash equivalents at beginning of period		452,568	378,771	378,771
Exchange differences in cash and cash equivalents		1,869	1,432	1,234
<b>Cash and cash equivalents at end of period</b>		<b>412,441</b>	<b>327,480</b>	<b>452,568</b>

## PARENT COMPANY INCOME STATEMENT SUMMARY

PARENT COMPANY SEK million	3 months		
	Jan-Mar 2022	Jan-Mar 2021	Full year 2021
<b>Operating income</b>			
Net sales	729	608	3,933
<b>Total operating income</b>	<b>729</b>	<b>608</b>	<b>3,933</b>
Operating expenses	-3,514	-2,033	-6,874
<b>Operating income</b>	<b>-2,785</b>	<b>-1,425</b>	<b>-2,941</b>
Net financial items	-19,861	4,869	3,849
<b>Profit/loss before appropriations and tax</b>	<b>17,076</b>	<b>3,444</b>	<b>908</b>
<b>Appropriations</b>			
Group contributions received/paid	-	-	29,865
<b>Total appropriations</b>	<b>-</b>	<b>-</b>	<b>29,865</b>
<b>Profit/loss before tax</b>	<b>17,076</b>	<b>3,444</b>	<b>30,773</b>
Income tax	-	-	-
<b>Profit/loss for the period</b>	<b>17,076</b>	<b>3,444</b>	<b>30,773</b>

## PARENT COMPANY BALANCE SHEET SUMMARY

Amount in SEK thousand	Note	2022-03-31	2021-03-31	2021-12-31
<b>ASSETS</b>				
<b>Non-current assets</b>				
<b>Financial assets</b>				
Participations in Group companies		383,958	357,527	381,958
Receivables from Group companies		744,123	464,343	721,041
<b>Total financial assets</b>		<b>1,128,081</b>	<b>821,870</b>	<b>1,102,999</b>
<b>Total non-current assets</b>		<b>1,128,081</b>	<b>787,624</b>	<b>1,102,999</b>
<b>Current assets</b>				
<b>Current receivables</b>				
Receivables from Group companies		77,888	36,084	76,748
Other receivables		2,224	296	119
Prepaid expenses and accrued income			2,463	679
<b>Total current receivables</b>		<b>80,112</b>	<b>27,255</b>	<b>77,546</b>
<b>Cash and bank balances</b>		<b>230,539</b>	<b>266,311</b>	<b>237,336</b>
<b>Total current assets</b>		<b>310,651</b>	<b>293,566</b>	<b>314,882</b>
<b>TOTAL ASSETS</b>		<b>1,438,732</b>	<b>1,115,436</b>	<b>1,417,881</b>
<b>EQUITY AND LIABILITIES</b>				
<b>Equity</b>				
Restricted equity		63,111	63,111	63,111
Non-restricted equity		745,011	700,604	727,935
<b>Total equity</b>		<b>808,122</b>	<b>763,715</b>	<b>791,046</b>
<b>Non-current liabilities</b>				
Borrowings	7	623,716	200,000	622,964
Liabilities to Group companies		-	142,217	-
<b>Total non-current liabilities</b>		<b>623,716</b>	<b>342,217</b>	<b>622,964</b>
<b>Current liabilities</b>				
Borrowings	7	-	19	-
Accounts payable		830	905	465
Liabilities to Group companies		1,948	7,508	-
Accrued expenses and deferred income		4,116	1,025	3,406
<b>Total current liabilities</b>		<b>6,894</b>	<b>9,502</b>	<b>3,871</b>
<b>TOTAL EQUITY AND LIABILITIES</b>		<b>1,438,732</b>	<b>1,115,436</b>	<b>1,417,881</b>

## NOTES

### NOTE 1 GENERAL INFORMATION

Scandinavian Biogas Fuels International AB (publ). 556528-4733, is engaged in business activities in the form of a limited liability company and has its registered office in Stockholm, Sweden. The address of the head office is Holländargatan 21A, 111 60 Stockholm.

Unless otherwise specified, all amounts are stated in SEK thousand. Figures in brackets pertain to the same period of the previous year.

### NOTE 2 SUMMARY OF ACCOUNTING POLICIES

Scandinavian Biogas Fuels International AB (publ) (the 'Company') applies IFRS (International Financial Reporting Standards) as adopted by the European Union. This interim report has been prepared in accordance with IAS 34, Interim reporting and the Annual Accounts Act. The report for the Parent Company has been prepared in accordance with Chapter 9 of the Annual Accounts Act and RFR 2, Accounting for Legal Entities. The interim report should be read in conjunction with the annual financial statements for the year ended 31 December 2021.

Accounting policies used in this report are in accordance with the policies applied in the previous financial year.

No other IFRS or IFRIC interpretations that are not yet effective are expected to have any significant impact on the Group.

### NOTE 3 RIGHT-OF-USE ASSETS

During the interim period January to March 2022, EBITDA improved by approximately SEK 7.4 (8.3) million, as IFRS 16 reduces operating expenses while simultaneously increasing aggregate depreciation/amortisation and financial expenses by a corresponding amount. Non-current and current lease liabilities totalled SEK 287.9 (305.2) million at 31 March 2022.

### NOTE 4 SEGMENT REPORTING

Scandinavian Biogas has identified three operating segments on the basis of geographical location based on internal reporting to the most senior executive decision maker. The Group's operations are managed and reported based on the operating segments Business Area Sweden, Business Area Norway and Business Area Korea. Operations also include the Service Centre and Research & Development segment. The business areas are geographical organisations, with the head of each business area reporting directly to the Group's CEO. In 2022, the organisation has been expanded to include a growth function and a Program Office function. The Growth Manager and the Program Office report to the Group CEO and form part of the Group management. They form part of the Service Centre and Research and Development segment.

Segment data is based on the same accounting policies as those applied by the Group as a whole and is consolidated, i.e. net of intragroup items).

All staff in Sweden are employed by the subsidiary Scandinavian Biogas Fuels AB in the Service Centre and R&D segment, which then invoices other Group companies for time spent.

### NOTE 4 SEGMENT REPORTING, CONT.

	3 months		
	Jan-Mar 2022	Jan-Mar 2021	Full year 2021
<b>Revenue</b>			
Business Area Sweden	58,667	67,872	279,608
Business Area Norway	26,869	25,077	114,102
Business Area Korea	13,213	12,021	52,046
Service Centre and R&D	5,977	5,545	23,216
Eliminations	-6,372	-5,248	-17,870
<b>Group total</b>	<b>98,354</b>	<b>105,267</b>	<b>451,101</b>
<b>Operating expenses</b>			
Business Area Sweden	-53,283	-52,653	-205,773
Business Area Norway	-22,302	-21,072	-89,076
Business Area Korea	-10,593	-9,580	-41,319
Service Centre and R&D	-14,865	-10,260	-42,690
Eliminations	6,372	5,248	17,870
<b>Group total</b>	<b>-94,672</b>	<b>-88,318</b>	<b>-360,988</b>
<b>Profit/loss</b>			
<b>EBITDA</b>			
Business Area Sweden	5,384	15,219	73,834
Business Area Norway	4,567	4,004	25,025
Business Area Korea	2,620	2,441	10,727
Service Centre and R&D	-8,888	-4,716	-19,474
<b>Group total</b>	<b>3,682</b>	<b>16,949</b>	<b>90,113</b>
<b>Depreciation, amortisation, impairment &amp; other operating expenses, SEK thousand</b>			
Depreciation, amortisation, impairment & other operating expenses	-20,547	-20,173	-85,120
<b>Group total</b>	<b>-20,547</b>	<b>-20,173</b>	<b>-85,120</b>
<b>Financial items – net, SEK thousand</b>			
Financial items – net	4,474	-3 860	-50,479
<b>Group total</b>	<b>4,474</b>	<b>-3 860</b>	<b>-50,479</b>
<b>Profit/loss before tax</b>	<b>-12,391</b>	<b>-7,223</b>	<b>-45,486</b>

	3 months		
	Jan-Mar 2022	Jan-Mar 2021	Full year 2021
<b>Net sales</b>			
Sales of goods, Sweden	42,110	44,982	179,537
Sales of goods, Norway	23,229	22,694	97,529
Sales of goods, Korea	4,213	3,201	14,139
Sales of services, Sweden	13,241	23,189	61,331
Sales of services, Norway	1,102	2,381	3,378
Sales of services, Korea	9,000	8,820	37,906
Onward invoicing of activities	-	-	-
<b>Group total</b>	<b>92,896</b>	<b>105,267</b>	<b>393,821</b>
<b>Parent Company</b>			
Sales of services	729	608	963
<b>Parent Company, total</b>	<b>729</b>	<b>608</b>	<b>963</b>

**NOTE 5 BORROWINGS**

The carrying amounts and fair values of long-term borrowings are presented below:

	Carrying amount			Fair value		
	31 Mar 2022	31 Mar 2021	31 Dec 2021	31 Mar 2022	31 Mar 2021	31 Dec 2021
<b>Non-current</b>						
Liabilities to credit institutions	8,795	261,992	8,868	8,795	261,992	8,868
Corporate bond	622,964	-	622,964	648,419	-	648,419
Bridge financing	-	200,000	-	-	200,000	-
Other non-current borrowings	24,082	28,348	23,748	24,082	28,681	23,748
	<b>655,841</b>	<b>490,340</b>	<b>655,580</b>	<b>681,296</b>	<b>490,673</b>	<b>681,035</b>
<b>Current</b>						
Liabilities to credit institutions	3,609	35,253	4,363	3,609	35,253	4,363
Other current borrowings	9,452	17,493	10,266	9,452	17,493	10,266
	<b>13,061</b>	<b>52,746</b>	<b>14,629</b>	<b>13,061</b>	<b>52,746</b>	<b>14,629</b>

The fair value of current borrowing represents the carrying amount, as the discounting effect is not of a material nature. The corporate bond, excluding repurchase, has a fair value of SEK 642,9 (0,0) million at 31 March 2022. The maturity of the bond is 5 years from the date of issue of 8 June 2021 and bears interest (Stibor (3m) + 6%). Transaction costs totalled approximately SEK 15.0 million and are accrued over the life of the bond. In total, corporate bonds with a nominal value of SEK 700 million were issued on 8 June 2021. On the same day as the issue, a nominal amount of SEK 63.8 million was repurchased.

The outstanding nominal amount after repurchase is SEK 636.2 (0,0) million at 31 March 2022. Scandinavian Biogas has the right to sell the SEK 63.8 million on the market at any time. It is estimated that this will happen within the next 2 years.

The corporate bond is listed on the Nasdaq Stockholm corporate bond list with ISIN: SE0015812441. The bond is subject to loan terms based on an equity/assets ratio of at least 22.5% each quarter. Over the life of the bond, the equity/assets ratio will be gradually increased to a maximum of 27.5%. The loan terms have been satisfied for the period. In connection with the issuance of the bond loan, a revolving credit facility of up to SEK 300 million was signed, which can be used for guarantees or cash and cash equivalents. This facility is also subject to terms. At the end of the period on 31 March 2022, SEK 13.6 million of the credit facility had been used for guarantees.

Security for the corporate bond consists of pledging of shares in subsidiaries and long-term intragroup loans.

## NOTE 6 ALTERNATIVE KEY PERFORMANCE INDICATOR DEFINITIONS

### Operating income/EBIT

Operating income provides an overview of the Group's total earnings generation and is calculated as operating profit or loss before financial items and tax.

### Items affecting comparability

Items affecting comparability are the results of events or transactions that are not exceptional, but are important to note when making comparisons with other periods.

### EBITDA

EBITDA is a measure of profitability considered by the Group to be relevant for investors interested in earnings generation before investments in fixed assets. The Group defines EBITDA (Earnings Before Interest, Tax, Depreciation and Amortisation) as operating profit or loss excluding other operating expenses and amortisation, depreciation and impairment of tangible and intangible assets.

EBITDA	3 months		
	Jan-Mar 2022	Jan-Mar 2021	Full year 2021
SEK thousand			
Operating income	-16,865	-3,363	4,993
Depreciation, amortisation and impairment of tangible and intangible assets	20,185	20,173	84,325
Other operating expenses	362	139	795
EBITDA	3,682	16,949	90,113

### Operating EBITDA

Operating EBITDA is defined as EBITDA adjusted for items affecting comparability.

OPERATING EBITDA	3 months		
	Jan-Mar 2022	Jan-Mar 2021	Full year 2021
SEK thousand			
EBITDA	3,682	16,949	90,113
Change in additional purchase consideration	-	-	-4,085
Compensation agreement Norway	-	-	-5,127
Operating EBITDA	3,682	16,949	80,902

### Operating EBITDA percentage

Operating EBITDA percentage is defined as operating EBITDA divided by net sales plus other operating income adjusted for items affecting comparability.

### Gross profit/loss

Gross profit or loss is a measure of profitability that shows total revenue including capitalised work minus variable production costs

### Equity/assets ratio

The equity/assets ratio shows the proportion of assets financed with equity. The equity/assets ratio is calculated as the sum of total equity (including non-controlling interests) divided by total assets.

EQUITY/ASSETS RATIO	31 Mar 2022	31 Mar 2021	31 Dec 2021
Total equity (incl. non-controlling interests)	492,212	523,942	521,805
Total assets	1,645,473	1,531,643	1,539,498
Equity/assets ratio	29.9%	34.2%	33.9%

## NOTE 7 EVENTS AFTER THE END OF THE PERIOD

Given recent energy and emission price levels in selected export markets and user segments, Bio-LNG is assumed to have a 50-100 % premium compared to Group's CBG prices lately. The positive price development is mainly a result of new business opportunities and Bio-LNG's emission reduction.

The Group remains committed to its growth plan and long-term objectives, and will under current circumstances, assess viable financing options including both current growth projects as well as some new project opportunities in the pipeline.

In a press release issued on 11 April, it was reported that profitability in the first quarter of 2022 would be significantly lower than planned. This was based on two main factors: production support is not paid in the first quarter but only from 1 July 2022, and the deteriorating global situation has sharply pushed up energy and commodity prices, for elements for which hedging has not been possible. Maintenance costs at the Södertörn facility have also been higher than normal.

No other significant events have occurred after the end of the period.

## ABOUT SCANDINAVIAN BIOGAS

As one of the Nordic region's largest producers of biogas, Scandinavian Biogas helps customers and partners with what we are best at – designing and operating biogas plants with high resource and energy efficiency. In this way, we support the transition from fossil to renewable energy.

Scandinavian Biogas was founded in 2005 and today markets renewable energy based on both compressed (CBG) and Bio-LNG (liquid biogas) and several related services. With world-leading expertise in the design and operation of biogas facilities to optimise biogas and bio-fertiliser production, we are market leaders in large-scale biogas production in the Nordic region and Korea.

A fundamental part of Scandinavian Biogas's strategic focus is the development of methods and services to improve biogas and bio-fertiliser production efficiency for established as well as new types of waste. The main feedstocks currently used are wastewater sludge, food waste, salmon farming waste, and residues from industrial processes. Based on our research and development work with new and more efficient methods, biogas can be produced far more cost- and resource-efficiently than ever before, and we work continuously to develop and improve the digestion process when producing biogas from biomass. We also have leading expertise in purification processes for upgrading biogas to vehicle fuel quality and in biogas liquefaction.

Our main products are biogas used in heat production, upgraded and liquid biogas used as vehicle fuel, and bio-fertiliser as a substitute for artificial fertiliser. Focus is on markets in the Nordic region and Korea.

In close collaboration with partners and customers, we also work to identify growth projects outside our Nordic home market. These projects may include value-creation services in the design, construction and operation of new plants and improving existing plants' efficiency through process improvements.

Scandinavian Biogas currently has five plants in operation: three in Sweden, one in Korea, and one in Norway where liquid biogas is produced.

### STRATEGY AND BUSINESS MODEL

Through its operations, Scandinavian Biogas supports a sustainable transition from fossil to renewable energy. The Company's strategy is based on utilising the Group's unique engineering expertise and in-depth knowledge of microbiology to expand the production and sale of biogas, in Sweden and internationally.

Scandinavian Biogas's aim is to be world-leading in large-scale biogas and bio-fertiliser production. The Company currently holds a leading position in renewable energy and biogas production in the Nordic region. Scandinavian Biogas works to ensure an increased use of biogas in the energy mix.

The Nordic heavy road transport sector is currently the most significant area for the Company's growth ambitions, although the biogas market is also expected to grow within maritime transport and industry. At the same time, demand for Bio-LNG (liquid biogas) has increased in recent years, and the supply of biogas-powered vehicles has grown. This affects the market for compressed biogas (CBG), which is currently local but is expected to develop into regional or national markets in future.

### Investments in renewable energy

In recent years, Scandinavian Biogas has made extensive investments to support a fossil-free, circular and sustainable society. The Company's core business is focused on producing renewable energy in the form of biogas. Increased production, and the Company's consequent growth, requires investments in new or existing plants. This applies in particular to the capacity to produce Bio-LNG (liquid biogas). The investment in Skogn, Norway, and the plans for Södertörn are examples of this.

Scandinavian Biogas intends to make significant investments to improve and expand plants in Sweden and Norway.

### MARKET AND KEY DRIVERS

Today's infrastructure for gas is well developed, and biogas can easily be blended into existing natural gas flows. Biogas has many advantages as an energy source. It is normally produced from organic waste that has few other uses, which means that biogas extraction increases the circularity of the energy system and the economy. As particle and nitric oxide emissions from biogas are low, there are also local environmental benefits.

### The biogas market

Biogas has a wide range of applications. The purpose for which biogas is used is partly determined by conditions and demand in markets where it is produced. In Scandinavia, biogas is used primarily as a vehicle fuel or for heating, with the greatest growth potential found in the vehicle fuel market and industrial processes. In Korea, biogas is more commonly used to produce industrial heat or electricity.

### Bio-LNG (liquid biogas)

A paradigm shift is taking place as the benefits of Bio-LNG (liquid biogas) become increasingly apparent for heavy transport and shipping in the Nordic region. The Swedish Environmental Protection Agency, through the 'Klimatkivet' initiative, has granted subsidies for 45 filling stations and the procurement of over 400 heavy lorries powered by Bio-LNG (liquid biogas). More and more gas-powered vessels are being procured by Nordic shipping companies. These could eventually be fuelled by Bio-LNG (liquid biogas). Industry has also begun to show interest in Bio-LNG, and among the first was Toyota Material Handling in Mjölby, which manufactures forklift trucks. A prerequisite for realising the long-term potential of biogas is continuing to scale up the production of Bio-LNG, as it is easier to use gas in liquid form in industry and as a vehicle fuel. Bio-LNG (liquid biogas) is also better suited for longer distance transport and can thus open up a Scandinavian biogas market. Biogas is currently distributed locally and regionally by lorry or via a gas pipeline network.

