

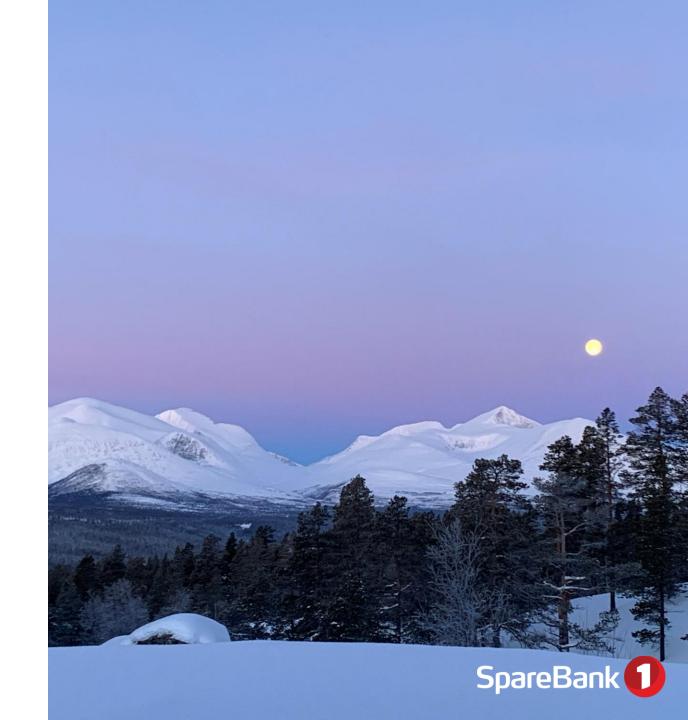
# Green Bond Investor Presentation

March 2022



## Agenda

- Green Bond Framework
  - <u>Highlights</u>
  - <u>Use of Proceeds</u>
  - Allocation Report
  - Impact Report
  - <u>EU Taxonomy Assessment</u>
- ESG and Sustainability in SpareBank
   1 Østlandet
  - <u>Sustainability Overview</u>
  - Strategy Plan 2022-25
  - The Path to Net Zero
  - ESG Assessment in the credit process
  - Sustainable Products
  - Sustainability Ratings





# Green Bond Framework



## Green Bond Framework - Highlights

- Follows best market practice and in line with the ICMA Green Bond Principles (GBP)
- Prepared by the Green Bond Committee, including representatives of Corporate Banking, Retail Banking, SpareBank 1 Finans Østlandet AS, Treasury and Sustainability
- Consideration and commitment to align with the EU Taxonomy on a best efforts basis
- Green Eligible categories:
  - Green buildings
  - Agriculture
  - Forestry
  - Renewable Energy (hydro power)
  - Clean Transportation (electric only)

- Pre-issuance impact reporting calculated by specialist consultant Multiconsult
- Cicero second party opinion: Medium Green
- Cicero assessment on EU Taxonomy eligibility: Technical Screening Criteria, DNSH & MS









°CICERO
Shades of
Green





#### Use of Proceeds

Strict Eligibility Criteria in line with ICMA Standards, best market practices and upcoming EU regulation

ICMA GBP¹ Eligible Category	Description of the Eligible Loans	UN SDGs	EU Objectives
Green Buildings	<ul> <li>Residential buildings in Norway</li> <li>✓ Before 31<sup>st</sup> of December 2020: Buildings belonging to the top 15% Low-Carbon residential buildings in the local context</li> <li>✓ From 1<sup>st</sup> January 2021: Buildings at least a 20% more energy efficient than regulation at time of construction (NZEB² – 20% in terms of Primary Energy Demand)</li> <li>Commercial buildings in Norway</li> <li>✓ Before 31st of December 2020: Buildings belonging to the top 15% Low-Carbon commercial buildings in the local context</li> <li>✓ From 1st January 2021: Buildings at least a 20% more energy efficient than regulation at time of construction (NZEB – 20% in terms of Primary Energy Demand)</li> <li>Refurbished residential and commercial buildings in Norway with improved energy efficiency of 30% versus baseline</li> </ul>	9 INDUSTRY, INNOVATION AND WEASTRUCTURE  11 SUSTAINABLE CITIES AND COMMUNITIES	Climate Change Mitigation
Renewable Energy	<ul> <li><u>Solar Power</u>: Photovoltaic energy projects</li> <li><u>Geothermal Power</u>: projects with life cycle emissions of less than 100g CO2e/kWh</li> <li><u>Hydro Power</u>: Small-scale hydropower projects (less than 25MW), and large-scale projects (more than 25MW) with life cycle emissions of less than 100g CO2/kWh</li> <li><u>Transmission Systems</u>: aimed at transmission and integration of renewable energy</li> </ul>	7 AFFORDABLE AND CLEAM DEFROY  13 ACTION	
Clean Transportation	<ul> <li><u>Low carbon vehicles</u>: Fully Electric, Hydrogen or otherwise zero-emission passenger vehicles</li> <li><u>Low carbon public and mass transportation</u>: Fully Electric or Hydrogen busses</li> </ul>	11 SUSTAINABLE CITIES AND COMMUNITIES	
Environmentally Sustainable Management of Living Natural Resources and Land Use	<ul> <li><u>Sustainable Agriculture</u>: Substantial positive climate impact has to be established. Compliance with KSL-standard and ESG due diligence assessment is mandatory</li> <li><u>Sustainable Forestry</u>: FSC or PEFC certified forestry</li> </ul>	11 SUSTAINABLE CITIES 15 UFF ON LAND	Climate Change Mitigation and Protection of healthy ecosystems

The Use of Proceeds is line with the ICMA GBP, the recommendation of the CBI Low-Carbon Building Standard<sup>3</sup> and takes into account the EU Green Bond Standard<sup>4</sup>

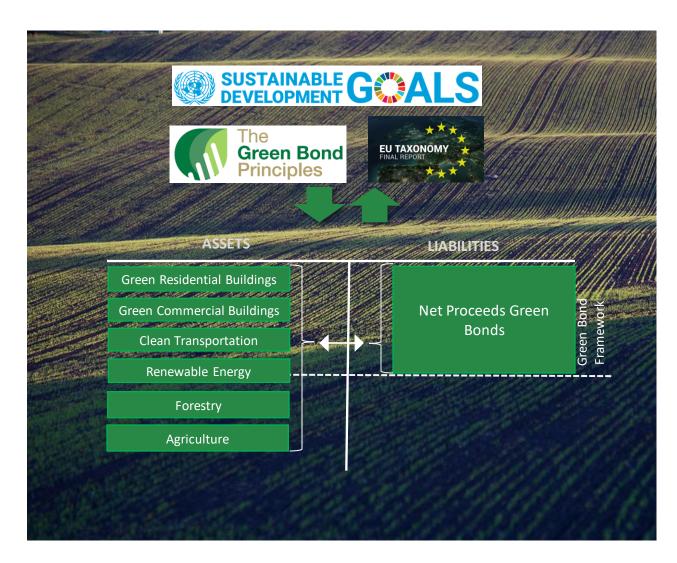
- 1. Green-Bonds-Principles-June-2018-270520.pdf (icmagroup.org)
- 2. NZEB "Nearly Zero Energy Buildings" has not yet been established in Norway in terms of corresponding Norwegian Building Regulation
- 3. Climate Bond Initiative Low Carbon Building Standard: Buildings | Climate Bonds Initiative

4. The EU Green Bond Standard (EU GBS) is a voluntary standard for green bond issuers. We do take into consideration its recommendations. The final EU GBS is expected to be released by the EU Commission in the course of 2021



## Management of Proceeds

- Allocate amount equal to net proceeds from the issue of Green Bonds to Eligible Green Loan Portfolio
- Size Eligible Green Loan Portfolio should match or exceeds balance of net proceeds from outstanding Green Bonds
- Pending allocation of net proceeds of any tranche of Green Bonds to an Eligible Green Loan Portfolio will be held in treasury liquidity portfolio, cash, or other short term liquid instruments

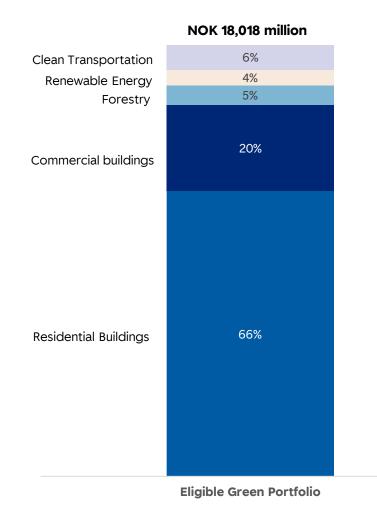


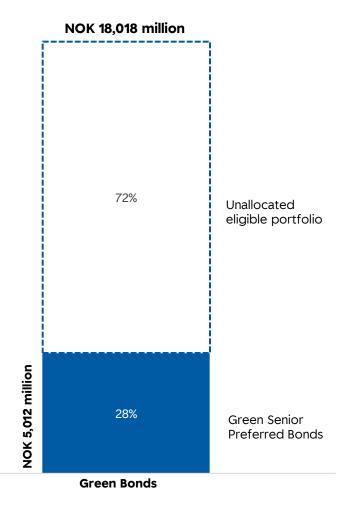


## Eligible Green Asset Allocation

- Eligible Assets
  - NOK 18,018 million
  - 14.9 % of Gross Lending to Customers
- Green eligible assets transferred to SB1 Boligkreditt
  - NOK 9,644 million
  - 18.7 % of loans transferred
- Allocated green loan portfolio
  - NOK 5,012 million
  - 27.8 %
- Unallocated green loan portfolio
  - NOK 13,005 million
  - 72.2 %
- Value added to the portfolio in 2021
  - NOK 1,110 million
  - + 7 %







# Allocation Report 4Q2021 Own Balance

Portfolio date: 31 December 2021

Eligible Green Loan Portfolio						
		Portfolio Growth				
	Amount (EURm) <sup>1</sup>	Amount (NOKm)	<b>4Q 21</b> (NOKm)	<b>2021</b> (NOKm)		
Residential buildings		11,900	141	(831)		
Commercial buildings		3,605	603	1,355		
Forestry		819	(44)	(24)		
Renewable energy		662	42	330		
Clean Transportation		1,032	88	280		
Total	1,797	18,018	830	1,110		

	Green Funding							
Instrument (ISIN)	Bond	Issuance Date	Due Date	Amount (EURm)	Amount (NOKm) <sup>1</sup>			
XS2308586911	SPOLNO EUR 03/28	02/24/21	03/03/28	500	5,012			
				500	5,012			

Percentage of Eligible Green Loan Porfolio allocated	27.8%	16,908
Percentage of Net Proceeds of Green Funding allocated to Eligible	100.0%	
Eligible Green Loan Portfolio - Unallocated (NOKm)	13,005	
Value added to the portfolio since YE 2020 Value added to the portfolio since YE 2020 - per cent	1,110 7%	

<sup>&</sup>lt;sup>1</sup>EURNOK 31 December 2021 = 10.0244



# Impact Report

Portfolio date: 31 December 2021

Eligible Project Category	Eligible Project Subcategory	Eligible portfolio (NOKm)	Share of Total Financing	Eligibility for Green Bonds	Estimated reduced energy (in GWh/year)	Estimated renewable energy produced (GWh/year)	Direct emissions avoided vs baseline in tons of CO2 / year (Scope 1)	Indirect emissions avoided vs baseline in tons of CO2 / year (Scope 2)	Total CO2 Storage (tonnes)	Estimated annual avoided / reduced emissions (tons of CO2 / year)
a/	b/	c/	d/	e/	f/	f/	f/	f/	f/	f/
Green Buildings	Residential Commercial	11,900 3,605	66% 20%	100% 100%	39 17					4,290 1,872
Renewable Energy	Hydropower	662	4%	100%		152				19,766
Clean Transportation	Electric Vehicles	1,032	6%	100%			3,763	-2,684		1,079
Environmentally Sustainable Management of Living Natural resources and Land Use <sup>1</sup>	Sustainable Forestry	819	5%	100%					3,787,526	202,315
Total		18,018	100%	100%	56	152	3,763	-2,684	3,787,526	229,322

Avoided Emissions per NOK million invested 12.73

Avoided Emissions per EUR million invested<sup>2</sup>



<sup>&</sup>lt;sup>1</sup>Relates to the Annual Increase in CO2 Storage of the financed assets. The mean (50%) has been taken from Multiconsult's estimated range, which is considered a conservative approach given that Multiconsult states: "the annual sequestration capacity of forest-based loan portfolio of SpareBank 1 Østlandet is likely to be closer to the highest estimates, given that the forest properties are actively managed and belongs to the productive forest areas in Norway."

<sup>&</sup>lt;sup>2</sup>EURNOK 31 December 2021 = 10.0244

## EU Taxonomy Assessment: TSC, DNSH & MS

High-level assessment<sup>1</sup> vs EU Taxonomy Delegated Acts (June 2021)

Eligible Green Asset Category	Green Buildings le Green Asset Category (Residential & Commercial)		Sustainable Forestry Hydro Power	
Geography		Nor	way	
Eligibility Criteria	Top 15 % (via Building code / EPC label)	PEFC certification (as part of ISO 14001)	Facilities with <100gCO2e/kWh life cycle emissions (all facilities <20MW)	Electric vehicles
Technical Screening Criteria	Partial Alignment <sup>2</sup> Built <2021: 100 % Aligned  Built >2021: 0% Out of Scope  Large commercial buildings: 0 %  Not Aligned	Aligned	Aligned	Aligned
Oo No Significant Harm	Aligned	Aligned	Aligned	Aligned
Minimum Social Safeguards	Aligned	Aligned	Aligned	Aligned

<sup>&</sup>lt;sup>2</sup> Residential buildings built pre-2021 are fully aligned (as they conform with the CBI top 15% approach). Residential buildings built ≥2021 are unable to comply with the EU Taxonomy, as there is currently no equivalent standard available in the Norwegian context for nearly zero-energy building (NZEB) requirements. Commercial buildings built to the standards of LEED (Gold) and BREEAM (Excellent) have not (yet) been accepted by the EU Taxonomy for inclusion as a proxy. The Taxonomy stipulates that where the building is a large non-residential building (with an effective rated output for heating systems, systems for combined space heating and ventilation, air-conditioning systems or systems for combined air-conditioning and ventilation of over 290 kW) it is efficiently operated through energy performance monitoring and assessment – the bank currently does not track this information for large non-residential buildings, hence is unable to comply with this requirement.



<sup>&</sup>lt;sup>1</sup>Taxonomy alignment assessments presented within Cicero's SPO may differ to the above, as Cicero's EU Taxonomy assessment is based on the outdated penultimate draft EU Climate Delegated Acts (published in Nov '20).

# Allocation Report 4Q2021 Included eligible green loans transferred to SpareBank 1 Boligkreditt

Portfolio date: 31 December 2021

Eligible Green Loan Portfolio								
			Portfolio Growth					
	Amount (EURm) <sup>1</sup>	Amount (NOKm)	<b>4Q 21</b> (NOKm)	<b>2021</b> (NOKm)				
Residential buildings		11,900	141	(831)				
Residential buildings - transferred to SB1 Boligkreditt		9,644	265	1,937				
Commercial buildings		3,605	603	1,355				
Forestry		819	(44)	(24)				
Renewable energy		662	42	330				
Clean Transportation		1,032	88	280				
Total	2,759	27,662	1,095	3,046				

Green Funding							
Instrument (ISIN)	Bond	Issuance Date	Due Date	Amount (EURm)	Amount (NOKm) <sup>1</sup>		
XS2308586911	SPOLNO EUR 03/28	02/24/21	03/03/28	500	5,012		
XS1760129608	SPABOL EUR 01/25	01/23/18	01/30/25	216	2,164		
XS2182121157	SPABOL SEK 06/25	05/27/20	06/02/25	200	2,008		
SX2234568983	SPABOL EUR 09/27	09/15/20	09/22/27	243	2,439		
				1,159	11,623		

24,615

Percentage of Eligible Green Loan Porfolio allocated	42.0%	
Percentage of Net Proceeds of Green Funding allocated to Eligible		
Green Loan Portfolio	100.0%	
Eligible Green Loan Portfolio - Unallocated (NOKm)	16,038	
Value added to the portfolio sinceYE 2020	3,046	
Value added to the portfolio since YE 2020 - per cent	12%	

<sup>&</sup>lt;sup>1</sup>EURNOK 31 December 2021 = 10.0244



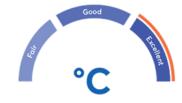
## **External Review**

- SpareBank 1 Østlandet has obtained an independent Second Party Opinion from Cicero, confirming the validity of the Green Bond Framework & compliance with the ICMA Green Bond Principles
- Green Shading given per Use of Proceeds category, where overall Framework has received: **Medium Green**
- Cicero finds the governance structure & procedures in SpareBank 1 Østlandet's framework to be: Excellent
- Cicero has assessed the alignment of the Green Bond Framework and the due diligence and selection processes in place with the **EU Taxonomy** 
  - Technical screening criteria, do no significant harm & minimum safeguards criteria have been taken into account
  - Based on both the TEG Report (March '20) & the Delegated Acts (Nov '20)









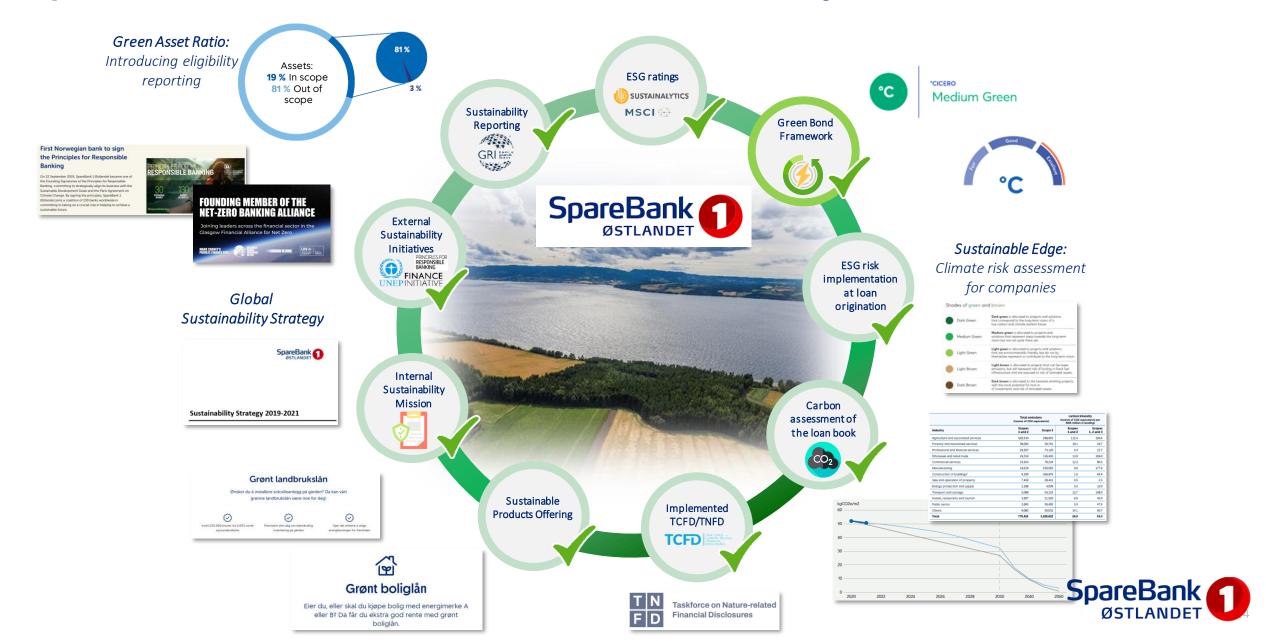




# ESG and Sustainability



# SpareBank 1 Østlandet's sustainability overview



**Business idea** 

We exist so that people and businesses can succeed Together we create sustainable growth and development in Eastern Norway

**Vision** 

**Creating together** 

**Targets 2025** 



We know our customers and we create the best customer experience



We create tomorrow's relationship bank in an open and engaging working environment



We are a significant driver of the sustainable transition



We have one of the most attractive equity certificates on Oslo Børs

**Ambition** 

**Strategic focus areas** 

SpareBank

Relation, service and distribution

Data- and insights driven operations and development

We are Norway's best relationship bank!

Leadership, competence and organisation

Cooperation and partnership

Sustainable operations and development

Profitable growth

**Values** 

**Proficient** 

**Nearby** 

**Engaged** 

# Sustainable operations and develop a running theme through our history of more than 175 years

The Bank will take a leading role in the green transition, both as a facilitator and a driver for sustainable solutions:

- Green lending and funding
- Advisory services
- Responsible consumption
- Measure and price climate risk





### We are a driver for sustainable transition

#### This means that we

- Contributes to a sustainable transition in our market
- Ensures that sustainability is an integral part of the bank's operations and that we actively contribute to achieving the UN's sustainability
- Make investments that are necessary to achieve the bank's longterm goals in the area of sustainability
- Facilitates and makes it easy for customers to make sustainable choices
- Our approach to sustainability is science based
- Focus areas:
  - Responsible lending
    - Residential and commercial buildings
    - Agriculture
    - Responsible consumption
  - Financial crime
  - Ethics
  - Anti corruption
  - AML
  - Value chain demands
- Maintain and develop competence and knowledge within ESG

#### We have succeeded in 2025 if

- We have contributed to a sustainable zero-emission society by reducing CO2 emissions from our business and in our lending and investment portfolios. We will have net zero emissions by 2050.
- We have contributed to a society that safeguards the planet's limits, which also includes consideration for nature and vulnerable ecosystems
- We have guided customers to make smart choices through responsible consumption and have good control over their own finances
- We have actively contributed to the fight against economic crime
- We have offered an appropriate and sustainable product offering adapted to the needs of different customer groups.
- Our sponsorships make a clear contribution to society.



#### The Path to Net Zero

#### Specific ESG and climate targets

#### **Retail Division**

- By 2050, 40 % of residential buildings built before 2012 (TEK 10) has been upgraded and has improved their energy efficiency by 30 %.
- By 2050, 80 % of Residential buildings built from the 1st January 2021 are in line with the EU taxonomy.
- By 2050, Net Zero lending portfolio
- By 2022, double volume of Green Mortgage
- By 2022, increase volume of Green Car loans by 50 %

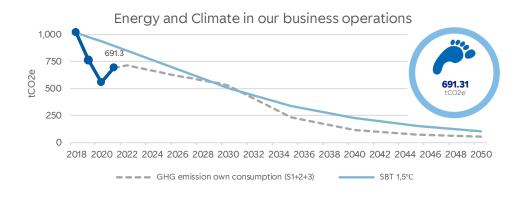
#### **Corporate Division**

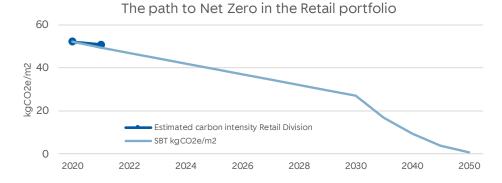
- By 2050, Net Zero lending portfolio
- Commercial buildings
  - By 2025, more than 40 % defined as green by the Green Bond Framework
  - By 2030, more than 50 % defined as green
  - From 2025 demanding GHG accounting for real estate projects
- Renewable Energy
  - By 2025, 50 % growth in lending to renewable energy
- Agriculture
  - By 2025, 80 % of agricultural customers have used the "Agricultural Climate Calculator" – a methodical way of defining the carbon footprint of every agricultural customer.
  - By 2025, 80 % of agricultural customers have established plans for reductions in GHG emissions.
    - 25 % of these customers have implemented measures for GHG reductions

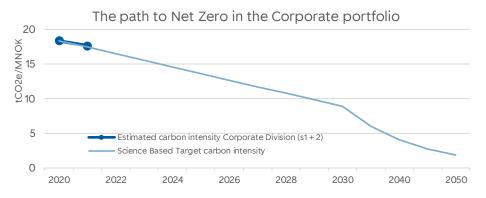
#### SpareBank 1 Finans Østlandet

By 2022, reduction in GHG emissions with more than 10 %.











## Climate Risk assessments in the credit process



Incorporation of climate risk, as well as other ESG-risks into the credit process have been prioritized. Relevant sector specific questions are asked at each credit approval. But this is still a work in progress.



All relevant parts of the bank include climate and ESG in their risk assessments.

Governance Strategy<sup>1</sup> Risk Management Metrics and Targets

- Climate risk is treated yearly by the board through ICAAP, specific as credit risk in cases that need attention and
- Work on reporting CO2, GHG, scenario analysis and environmental leadership is reported to board
- Climate risk embedded in all policy documents
- Guidelines and action plan for ESG and climate risk

- Incorporate climate risk into the credit process, mainly exposed to climate risk through lending to the SME market and retail lending
- Medium to low risk, but also leeway for having a positive impact, in two of the largest sectors, real estate and agriculture, and in retail lending
- Increase data availability in order to do in-depth reporting and analysis
- Assessment of ESG risk related to products solutions and processes.

- Due diligence assessment also assessing climate risk when granting loans
- Analysis of physical risk in geographic areas
- Scenario analysis related to NGFS scenarios for the banks credit portfolio as whole(2020)
- Scenario analyses for the banks largest sectors were created in partnership with CICERO (2019)
- Scenario analysis on specific scenarios highly relevant for the bank

- Scope 3 emissions reporting of our loan portfolio
- Targets on the energy efficiency of real estate properties and in the household portfolio
- See slide on specific ESG and Climate targets

For a full TCFD overview click here



# ESG due diligence assessment at loan origination

#### The following themes are covered in the due diligence assessments (example):

General under- standing Environmental and climate risk (the environ-	General understanding of the risk of human rights violations, environmental challenges or corruption risk in own industry and business.	Social/human	The company's familiarity with industry risk related to human rights, workplace crime, e.g. social dumping.		
	Risk in input factors or suppliers/supply chain.	rights risk (social)	The extent to which the company has relevant guidelines.		
	Environmental certification and environmental management	,	Acts and regulations regarding health, safety and the environment (HSE).		
	system.		The company's familiarity with industry risk related to econo-		
	Measures to cut greenhouse gas emissions.		mic crime such as corruption, money laundering and bribe		
	Measures to cut energy consumption.	Finances/ governance risk	The extent to which the company has relevant guidelines a or routines.		
	Energy labelling (construction).	(governance)	or rodures.		
and climate risk	Risk of natural disasters: How the project impacts vulnerable ecosystems.		Separate form for anti-money laundering due to the anti- money laundering regulations.		
nent)	Familiarity with, and any measures implemented from, the industry's roadmap.		Other measures that have a positive impact on the		
			environment or social or economic conditions.		
		Other	Other things that indicate the company is involved in barrainal		
	Climate risk: How the project has been adapted for climate change and changing framework conditions.  More specific questions here for agriculture.		Other things that indicate the company is involved in harming/ having a negative impact on the environment or social/ economic conditions?		
	Environmentally certified input factors (e.g. construction materials).				



## Loan book CO2 reporting (Scope 1, 2 & 3)

Carbon-related credit exposure – 4Q 2021

	Total e	missions	Carbo	on intensity
	(tonnes of CC	02 equivalents)		equivalents per NOK in lending)
Industry	Scopes 1 and 2	Scope 3	Scopes 1 and 2	Scopes 1, 2 and 3
Agriculture and associated services	606,005	218,649	111.5	40.2
Forestry and associated services	21,380	26,143	15.7	19.2
Commercial services	8,694	14,954	9.2	25.0
Wholesale and retail trade	7,843	12,143	9.0	22.8
Sale and operation of property	7,881	28,978	0.4	1.6
Manufacturing	6,273	43,396	4.3	29.8
Construction of buildings	5,135	104,160	1.0	20.0
Transport and storage	3,293	13,839	12.5	65.0
Professional and financial services	1,981	4,329	1.0	3.3
Hotels, restaurants and toursim	1,817	4,202	3.7	12.3
Energy production and distribution	1,721	517	2.6	3.4
Public sector	942	9,839	1.4	14.1
Others	4,975	7,016	9.3	13.2
	677,940	488,165	17.7	30.4

- **Method**: Based on proportion of lending by Norwegian banks and financial institutions the Bank accounts for, then multiplied by total emission from individual industry.
- Assumptions: Individual industry's borrowing needs equally distributed across country. Individual industry's emissions intensity equally distributed across country. Model does not take account of regional differences with respect to borrowing needs and emissions intensity.
- Application of results: Model provides a rough estimate of carbon-related credit exposure and carbon intensity. Method not precise enough to be used as basis for comparisons with other banks.
- Clarifications regarding industry distribution: Extraction of crude oil and natural gas with associated services, air freight and international shipping have been excluded since the Bank has no exposure to these industries.



# Sustainable Products and ESG Advisory Service



#### Green mortgage

Do you own, or are considering buying a home with EPC level A or B? You get lower interest rates with a green mortgage.



#### Green car loan

Are you buying an electrical car? We give you even better conditions when buying an environmentally friendly car.

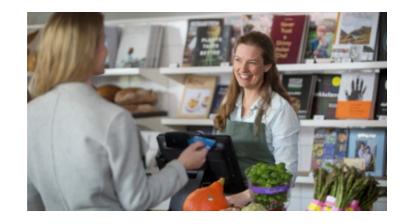


#### Green agricultural loan

Installing a solar panel on your farm?
Our green agricultural loan will match your needs.



Are you concerned about what your savings are contributing to? Green deposits supports a sustainable future.



#### How to have the right focus

We aim to be a significant agent for sustainable development and to be an ESG partner for our corporate customers.

- We hope our ESG Guide can be a help in focusing on the right things, says our Head of Sustainability, Karoline Bakka Hjertø and Head of Corporate Banking, Hans Olav Wedvik.



# Sustainability Ratings





**ESG 100 - Oslo Stock Exchange** 

A

#1 among savings banks

**CDP – Carbon disclosure project** 

A-

1 of 9 Norwegian companies

**MSCI** 

AA

**Sustainalytics** 

12.3 ESG Risk Rating ("Low Risk")

**Fair Finance Guide** 

- #3 Overall
- #1 Among Norwegian listed banks









For more information on our ESG priorities, please visit https://www.sparebank1.no/en/ostlandet/about-us/sustainability.html

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# Creating together

We have worked for more than 175 years for people and businesses to succeed

Our work continues



