

SUSTAINABLE FINANCE IN NORDIC-BALTIC

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Estonian Banking Association

OPENING BY

PIIA-NOORA KAUPPI MANAGING DIRECTOR FINANCE FINLAND



Financial sector's potential effects* on sustainable targets: approx EUR 400 billion



*corporate loans, and investments in money markets, bonds and shares

INTRODUCTION BY

RISTO MURTO PRESIDENT AND CEO VARMA MUTUAL PENSION INSURANCE COMPANY



Climate policy of Varma essential part of investment strategy in every asset class

The short-term target of Varma's climate policy for investments is to reduce the carbon footprint in different asset classes by 2020. This target was already achieved by the end of 2017.



Nordic pension funds top report on climate change mitigation from AODP

Varma ranks fifth in global climate index

Varma was ranked fifth in AODP's (*Asset Owners Disclosure Project*) assessment of the world's 100 largest global pension funds' approach to climate-related risks and opportunities.

At Varma, climate issues are an integral part of the investments' decision-making process.

In the long term, Varma's goal is to align **the entire investment portfolio to the Paris Agreement.**

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EU Sustainable Finance Action Plan - THE FOUR LEGISLATIVE PROPOSALS

1. Taxonomy

A proposal for a *regulation to establish a framework to facilitate sustainable investment*. The proposed regulation establishes the conditions and the framework to create, over time, a unified classification system (or taxonomy) on what can be *considered environmentally sustainable economic activities*.

2. Disclosure and duties

A proposal for a regulation on *disclosures relating to sustainable investment and sustainability risks*. This regulation will introduce obligations on *institutional investors and asset managers to disclose how they integrate ESG factors in their risk processes*.

3. Benchmarks

The proposed amendment will *create a new category of benchmarks, comprising low-carbon and positive carbon impact benchmarks, to help investors better understand the relative carbon impact of their investments.*

4. Sustainability Preferences (consultation)

In addition, **include ESG considerations into the advice that investment firms and insurance distributors offer to their client**

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Home > Publications > Commission action plan on financing sustainable growth

OFFICIAL DOCUMENT

Commission action plan on financing sustainable growth

First published on	08 March 2018
Author	Financial Stability, Financial Services and Capital Markets Union
Topics	Banking and financial services

VΔR

The action plan on sustainable finance adopted by the European Commission in March 2018 has 3 main objectives

- reorient capital flows towards sustainable investment, in order to achieve sustainable and inclusive growth
- manage financial risks stemming from climate change, environmental degradation and social issues
- foster transparency and long-termism in financial and economic activity

Exhibit 5: This strategic shift will be important to avoid investor divestments, as suffered by the coal industry... # of divesting institutions (LHS) vs Coal stocks EV/EBITDA



Investors and coal stocks

Source: GS.

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VARMA



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Batteries are coming to Europe

Source: Visual Capitalist, Benchmark Mineral Intilligence

VARMA

KEYNOTE SPEECH

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VICE-PRESIDENT FOR EURO AND SOCIAL DIALOGUE, FINANCIAL STABILITY, FINANCIAL SERVICES AND CAPITAL MARKETS UNION, EUROPEAN COMMISSION



PANEL DISCUSSION: EU'S SUSTAINABLE FINANCE AGENDA





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WORK OF EUROPEAN BANKS ON CLIMATE CHANGE

ANTONI BALLABRIGA

GLOBAL HEAD OF RESPONSIBLE BUSINESS AT BBVA & CHAIR OF THE SUSTAINABLE FINANCE WORKING GROUP AT EBF



Work of European Banks on Climate Change

Sustainable Finance in Nordic-Baltic

Antoni Ballabriga Chairman of EBF Sustainable Finance WG Global Head of Responsible Business at BBVA

Helsinki 9th November 2018

EBF





European Banks, leaders in setting new market standards

Green Bond Principles

The Green Bond Principles 2017





Social Bond Principles 2017

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ICMA

Green Loan Principles



2 European Banks, leaders in the development of new methodologies

TCFD recommendations

Pilot group of 16 banks led by UNEP FI (8 European)



Terra project

Methodology to measure whether our client portfolio aligns to the 2^o goal







European Banks, first movers creating new green client and customer solutions

Nordea - now offering green financing to small and medium sized corporates in Sweden

Home > Sustainability > News > Nordea - now offering green financing to small and medium sized corporates in Sweden



18-07-09 14:20 | Our work | Responsible business

13/11/2017 NEWSROOM

investor solutions' activities

Nordea is now offering green financing to small and medium sized corporates in Sweden - financing that promotes sustainable investments. This way, small and medium-sized corporate customers will now be able to level up their sustainability work.

Green bonds have been available for a while, especially for large real estate companies. Nordea is now - as the first player in the market - also offering green financing to small and medium-sized companies in several different industries.



16 May 2018 10:56

Green mortgages to finance green housing



This week SEB launched green mortgages. The new loans are available to anyone with housing that Sweden's National Board of Housing. Building and Planning have assigned an A or B rating for energy efficiency.

ORPORATE LENDING 20 Apr 2018 BBVA leads the first green corporate loan in Latin America



E.ON and BNP Paribas develop "green

BBVA has signed a \$400-million-dollar green loan with Iberdrola, the first green corporate loan to be formalized in Latin America. This reasserts BBVA's commitment to sustainable financing by supporting the development and implementation of financial products in the green format.

mortgages" for energy efficient homes

Home About us Sustainability Investor relations Newsroom Careers Products & services

All news Press release

Societe Generale launches a "Sustainable and Positive

Impact Finance" offering within the global banking &

ING

EUR 100 million green loan to Eneco

Last week, a contract was signed by which ING Groenbank. ASN Groenprojectenfonds and Trio Groenfonds granted a EUR100 million green loa

Media relations contacts

Barclays Green Home Mortgages Buy an energy efficient home and get a lower rate

QL

We'll reward you with a lower mortgage rate on certain deals when you buy an energy efficient home - it's just one of the ways we support greener choices.

beyond green bonds"

"Definitely, there is life for green finance

Press release - 03 August 2017 Sustainability



ABN AMRO helps clients improve the sustainability of their homes







EU Action Plan as top priority for EBF



Sustainable Finance Working Group with the participation of Nordic-Baltic national associations



To be released in 2019

EBF Guidelines to help banks to apply the EU taxonomy in their lending portfolios



_____ ... and engaging with other key stakeholders of civil society

Showcasing Leading Approaches to Climate Change within the European Banking Sector



- Theme 1 Climate-related disclosures and targets
- Theme 2 Scenario analysis
- Theme 3
 Aligning sector policies
 with the Paris Agreement
- Theme 4 Client engagement
- Theme 5 Mobilising capital for the low-carbon transition
- Theme 6 Climate strategy, governance and education
- Summary of recommendations
- Engagement questions for investors

6 Leading the global coalition to align banks to society's goals









7 European Banks are already setting their ambition and defining longterm strategies

BBVA Pledge 2025, our strategy on climate change and sustainable development



To finance

We will help to create the scale of capital mobilization to halt global climate change & attain the UN Sustainable Development Goals



To manage

We will manage our environmental & social risks to minimize potential negative direct & indirect impacts



To engage

We will engage with all our stakeholders to collectively promote the contribution of financial industry to sustainable development



- Green finance
- Sustainable infrastructure and agribusiness
- Financial inclusion & entrepreneurship

70% RENEWABLE ENERGY 68% CO₂ EMISSIONS REDUCTION

- Transparency in carbon-related exposure
- Alignment with 2ºC scenario
- Sector norms in mining, energy, agribusiness & infrastructure
- ACTIVE COLLABORATION
- TCFD recommendations implementation on 2020
- Financial education
- Promotion of Responsible
 Banking standards within the industry

Our purpose: to bring the age of opportunity to everyone



"We need to reimagine the role of banking in society. Banks need to redefine their purpose. A purpose that is as transformational as massive, aimed at having a positive impact on people's lives"

Francisco González

BBVA Executive Group Chairman Sustainable Finance Forum. May 2018. Madrid



Work of European Banks on Climate Change

Sustainable Finance in Nordic-Baltic

Antoni Ballabriga Chairman of EBF Sustainable Finance WG Global Head of Responsible Business at BBVA

Helsinki 9th November 2018

EBF



PANEL DISCUSSION: sustainable finance in action - how to think about the impact in baltics and nordics and how to measure it





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Swedbank Sustainability Indicators

Lija Strašuna, Swedbank Chief economist in Latvia November 8, 2018

	Contraction of		
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Measuring progress towards the 2030 Agenda

Integrating sustainability criteria into business/economic analysis, forecasting, and risk assessment

Swedbank Sustainability Indicators Progress towards UN SDGs, % of benchmark*

	Estonia	Latvia	Lithuania	Sweden	Denmark	Finland	Norway
E Environmental protection	0 58	0 73	0 70	0 83	0 79	68	0 72
Social inclusion	0 ↓56	o 56	0 55	0 \$89	0 81	9 1	91
G Governance and institutions	0 70	o 51	62	● ¥ 97	● ¥94	● ¥ ₉₁	99
G Sustainable medium-term growth	0 69	0 63	0 66	0 ₩87	9 1	0¥83	0 88

↓ – Downward/stable trend during last 5 years (4 years for governance)

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* Benchmark is 90 or 10th percentile of EU28 in 2015. In total 41 indicators covering 14 from 17 SDGs, aggregated to four pillars. Traffic lights - Sweden: >90% for green, 70-90% for yellow; Baltics: >80% for green, 60-80% for yellow. Source: Swedbank Macro Research.



Information class Public

Measuring progress towards the 2030 Agenda

Potential for public and private investment in environmental protection

Swedbank Sustainability Indicators Progress towards UN SDGs, % of benchmark*





Information class Public

PANEL DISCUSSION: sustainable finance in action - how to think about the impact in baltics and nordics and how to measure it





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BREAK AND NETWORKING 10:55-11:20

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sg capital





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EXECUTIVE ADVISER, SUSTAINABILITY, NORDEA & MEMBER OF EUROPEAN COMMISSION TECHNICAL EXPERT GROUP ON SUSTAINABLE FINANCE, RAPPORTEUR OF GREEN BOND SUBGROUP





Sustainable finance in Nordic-Baltic

Aila Aho November 9, 2018





Relevance supported by data



EUROPEAN SHARE PRICE PERFORMANCES BY ESG RATING

Having a strong focus on ESG clearly pays off as there is a clear difference between best and worst performers

Source: MSCI ESG Research, FactSet and Nordea

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Less volatility in ROCE for companies with a better ESG rating



Source: MSCI ESG Research, FactSet and Nordea



Gender diversity as a driver



PERFORMANCE OF TOP 50% MOST DIVERSE BOARDS VS ALL 100 NORDIC STOCKS





Source: Company data, FactSet and Nordea Markets



ROCE VOLATILITY, DIVERSITY IN MANAGEMENT

Source: Company data, FactSet and Nordea Markets

There is no significant impact on share performance on either direction.

Less diverse management teams have had sharply higher volatility in annual ROCE than the most gender diverse half.



Green bonds make it possible to measure the impact of funding





From voluntary frameworks to emerging regulation

The labelled green bond market is growing rapidly





Guidance for industries, issuers and corporates

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Initial initiatives by the legislator for sustainable financing

EU Commission main objectives



EU initiatives

- O EU High-level Expert Group report
- O EU Commission action plan March 2018
- O Legislative proposals May 2018
- O EU Technical Expert Group on Sustainable Finance (TEG)
- O EU Parliament reports
- O Central banks and supervisors network for greening the financial system




The 10 actions proposed by the Commission



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EU sustainable finance proposal to define sustainable economic activities:

Contribute substantively to at least one and not significantly harm any of the other environmental objectives;

- 1) climate change mitigation; (2019)
- 2) climate change adaptation; (2019)
- 3) sustainable use and protection of water and marine resources;
- 4) transition to a circular economy, waste prevention and recycling;
- 5) pollution prevention and control; and
- 6) protection of healthy ecosystems.

✓ Follow minimum social and governance safeguards;

✓ Fullfll specific technical screening criteria

To be used by:

- A) Member States or the Union when setting any requirements on market actors in respect of financial products or corporate bonds that are marketed or deemed as environmentally sustainable.
- B) Financial market participants offering financial products as environmentally sustainable investments or as investments having similar characteristics. They would have to disclose information on how and to what extent the criteria for environmentally sustainable economic activities are used to determine the environmental sustainability of the investment.

Taxonomy has no behavioral requirements

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Reports & brochures



Policies





Nordea

A part of code of conduct

Sustainability policy

Responsible investment policy

Position papers & sector guidelines





Sector guidelines for the defence industry

Position statement on climate change

Other activities/communication efforts



Real stories & real change

Newsletter

Sustainability Sustainable finance ambassadors forum website

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UNEP FINANCE INITIATIVE





Thematic engagement on water pollution of the pharmaceutical industry in India

Annual sustainability reports & Sustainable finance annual report (business oriented)

ESG at Nordea brochure

Meetings by Sector 18.6% A 14.5% 13.1% 15.6%

> Active ownership with publicly disclosed votes in our voting portal



Sustainable funds

- Nordea Swedish Stars
- Nordea Nordic Stars
- Nordea Emerging Stars
- Nordea Global Stars •
- Nordea European Stars
- Nordea Swedish Bond Stars
- Nordea Global Climate and • environment fund

Sustainable financing

- Green bonds
- Green financing for SME (Sweden)

TBD CONTENTION Content Networking and mardem Content Network Javiet Bookcumer	September 2017 MuniFin U 750% due Sep-27 GRCDM ROMO Joint Bookrumer	September 20 USD 160m-201 L375% due Sep- 1 625% due Sep- Sole Bookmann	17 D4405 die4
June 2017 Nordeo EUR 500m 9.30% day Jan-22 GREEN BOND Joint Bostrumer	June 2017 Gddeborgs Stad SEK 1,200m 0625% for Jun 20 GBER BOND Joint Bookrunner	May 2017 NBB EUR 500m 0125% the Jun OREEN SOM Joint Bostrum	24 0.375% 0.4 .
March 2017 EUR 125m 1 50% doc Arr43 Sust Amazin (1% doc Arr43 Sust Amazin (1% doc Arr43 Sust Amazin (1% doc Arr43		MONAN Mon RAUP18 ROND	February 2017 SEE SEX 200m 3rt5+13/bs dys Feb-22 GREEN USAME Sels Bischarmer

- Unique in-house ESG analysis
- Systematic ESG evaluation of large corporate customers

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Nordea





Engagement and

field visits





Nordea also follows the United Nations' Universal Declaration of Human Rights, ILOconventions and the OECD Guidelines for Multinational Enterprises in our operations and business.

Stewardship and international collaborations like the Corporate human rights benchmark

Signatories to international conventions

Stewardship, engagement & active ownership

Nordea

Thank you! aila.aho@nordea.com



GREEN BOND STRUCTURING AND EARLY STAGE SCOPING

LEENA KASSINEN

ASSOCIATE DIRECTOR, GREEN BONDS, OP CORPORATE BANK RAPPORTEUR OF GREEN BOND SUBGROUP



Green Bond Structuring and Early Stage Scoping

Leena Kassinen, Associate Director, Green Bonds, OP Corporate Bank

Introduction

OP Financial Group

- Largest financial services group in Finland and fully-owned by its customers
- Cooperative company form, with 156 cooperative banks, the central institution, other member credit institutions and group entities
- Mission to create sustainable prosperity, security and wellbeing for its owner-customers and operating region as well as responsibility for capital adequacy and efficiency

OP has integrated social and business role



OP develops products and services that will encourage its customers to act in a responsible and environment-friendly manner and take into account the effects of its operations on the environment



By issuing green bonds, OP contributes to increasing sustainable finance and supporting Finland in becoming more sustainable economy.

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What are green bonds and what is the rationale behind it

What are green Bonds?

- Green Bonds are any type of bond instruments that enable raising capital for new or existing projects with environmentally sustainable benefits
- Funds are earmarked and allocated to environmental projects or activities
- Social bonds raise funds for eligible social projects with a clear positive social outcome

Sustainability bonds are a combination of the two



Why Green Bonds?

Responsibility aspect

- Highlights corporate responsibility
- Strengthens company's commitments to ESG (Environmental, Social and Governance) related issues

Funding aspect

- Diversifying the funding sources
- Expanding the investor base
- Responsing to markets' green bond demand



Green Bond Principles are set to help structuring the Framework



As the GBP encourages a high level of transparency, it is recommended that the GBF will be evaluated by **an external review (second party opinion)** from an institution with recognized expertise in environmental sustainability

Nordics can be seen as a forerunner for Green Bonds

Utility and Real Estate sectors are currently seen as the most common Green bond issuers in the corporate sector





Contact details



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PANEL DISCUSSION: SUSTAINABILITY-DRIVEN BUSINESS MODELS, FUNDING VEHICLES AND MECHANISMS



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Climate Change & Transition to Low Carbon Reflections from EIB

Sustainable Finance in Nordic-Baltic

Eric Gällstad, 9 November 2018



09/11/2018

PANEL DISCUSSION: SUSTAINABILITY-DRIVEN BUSINESS MODELS, FUNDING VEHICLES AND MECHANISMS



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CLOSING

SANDA LIEPIŅA CEO, FINANCE LATVIA ASSOCIATION





THANK YOU!

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ASSOCIATION OF LITHUANIAN BANKS



Estonian Banking Association