

The background of the slide is a close-up photograph of numerous small, bright green, oval-shaped leaves scattered across a dark, rich brown soil. The leaves are densely packed in some areas and more sparse in others, creating a textured, naturalistic pattern. The lighting is soft, highlighting the vibrant green of the foliage against the dark earth.

*Plasticity and
Sustainable Finance*

*Maarten Biermans
Rabobank*



Introduction



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Maarten Biermans

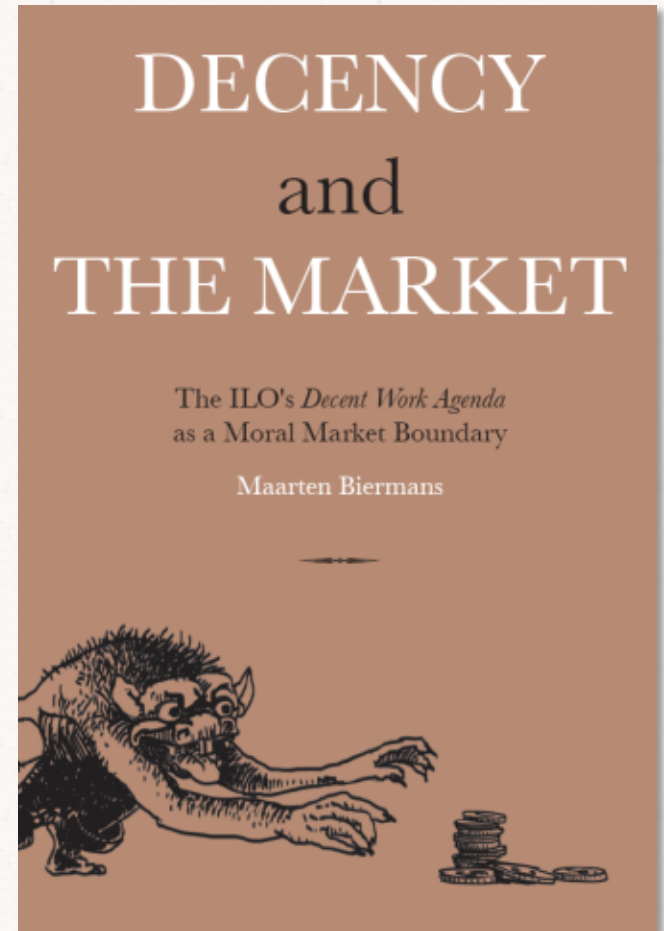
Economics and Philosophy (UvA)

Work: Lost Boys, Citibank, SEO Economic Research, Spring Associates

Dissertation in 2012

In 2017 Rabobank Sustainability and recently Head of Sustainable Capital Markets

Dedicated fan of Bob Dylan



1

The rise and rise of Sustainability



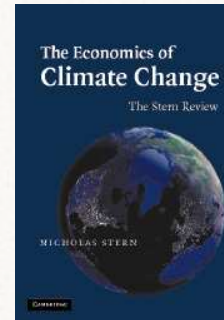
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Sustainability has become part of the business vernacular

The New York Times

Rebel Economists Add Ecological Cost To Price of Progress

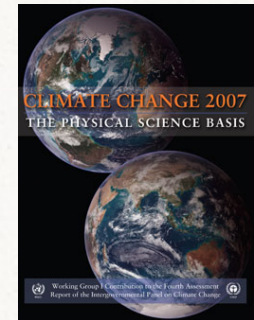
by PETER PASSELL
Published: November 27, 1990



2006

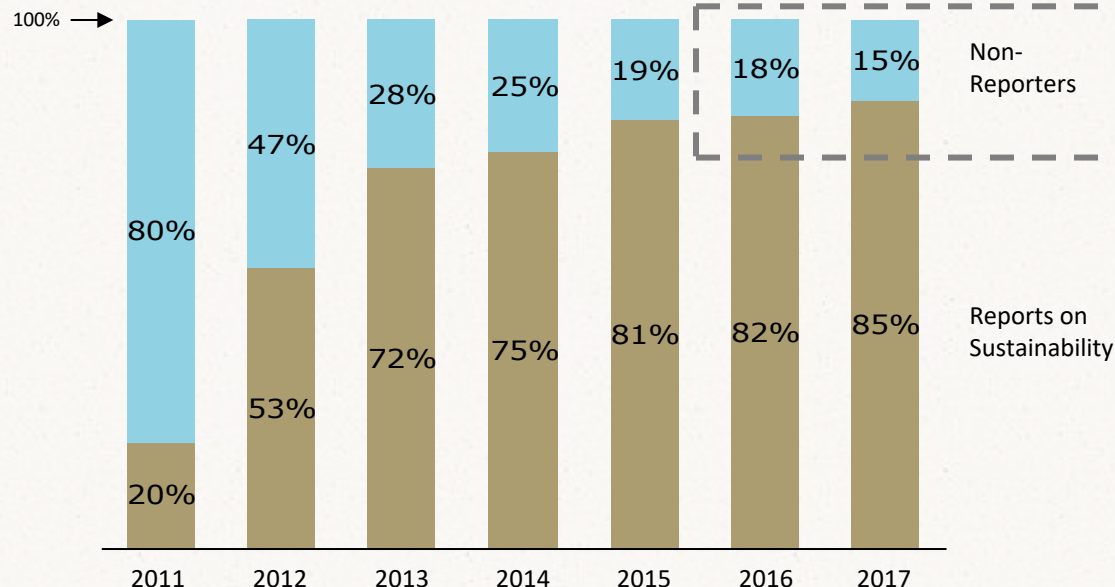


2006



2007

S&P 500 Companies Sustainability Reporting (2011-2017)



SECTOR	2016 NON-REPORTERS	2017 NON-REPORTERS
Consumer Discretionary	22	15 (+7)
Financials	15*	14 (+1)
Real Estate*	7*	8 (-1)
Information Technology	10	10 (NC)
Industrials	11	8 (+3)
Health Care	14	13 (+1)
Energy	8	4 (+4)
Consumer Staples	2	2 (NC)
Telecommunication Services	1	0 (+1)
Materials	0	1 (-1)
Utilities	0	0 (NC)
TOTAL	90	75

Source: Governance & Accountability Institute, Inc.(2018)/ * As of 2016, Financials and Real Estate have been separated



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Harmonization of risks assessment methodologies will advance the integration of sustainability risks in the financial sector

Carney warns of risks from climate change 'tragedy of the horizon'

Bank of England governor tells Lloyd's insurers that 'challenges currently posed by climate change pale in significance compared with what might come'



Figure 1

Climate-Related Risks, Opportunities, and Financial Impact

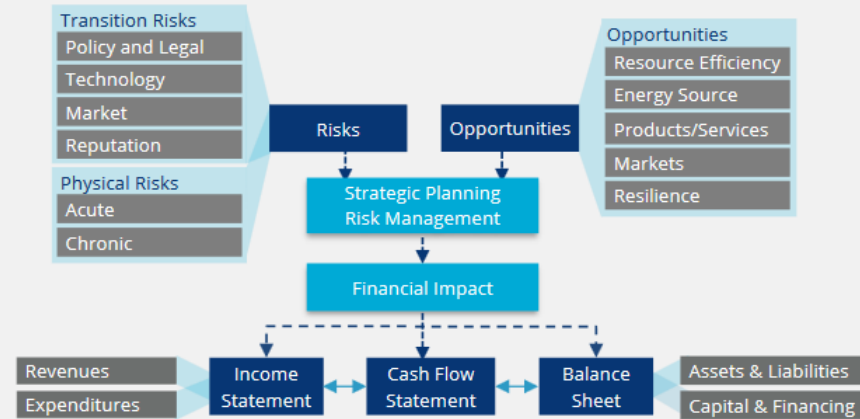


Figure 2

Core Elements of Recommended Climate-Related Financial Disclosures



Governance

The organization's governance around climate-related risks and opportunities

Strategy

The actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning

Risk Management

The processes used by the organization to identify, assess, and manage climate-related risks

Metrics and Targets

The metrics and targets used to assess and manage relevant climate-related risks and opportunities



The risks associated with Sustainability encompass (and can be divided into) Physical and Transition risks

Physical Risk

Examples

Physical risks can be event driven (acute) or longer-term shifts (chronic) in climate patterns; may have financial implications, e.g. direct damage to assets and indirect impacts from supply chain disruption, water availability, food security, etc.

Acute

- Extreme weather events (event-driven) such as cyclones, hurricanes, or floods

Chronic

- Changing weather patterns, rising mean temperature and sea levels

Transition Risk

Transitioning to a lower-carbon economy may entail extensive policy, legal, technology, and market changes to address mitigation and adaptation requirements related to climate change.

Depending on the nature, speed, and focus of these changes, transition risks may pose varying levels of financial and reputational risk to organizations.

Policy and Legal

- Carbon pricing and reporting obligations
- Regulation of high carbon products and services
- Mandates on and regulation of existing products and services
- Exposure to litigation

Technology

- Substitution of existing products and services with lower emissions options
- Unsuccessful investment in new technologies
- Costs to transition to lower emissions technology

Market

- Changing customer behaviour/demands
- Uncertainty in market signals
- Increased cost of raw materials

Reputation

- Shift in consumer preferences
- Stigmatization of high carbon sectors
- Increased stakeholder concern/negative feedback

But with Risks there are also sustainability opportunities!

Figure 1

Climate-Related

Opportunities, and Financial Impact



2

Sustainable Finance

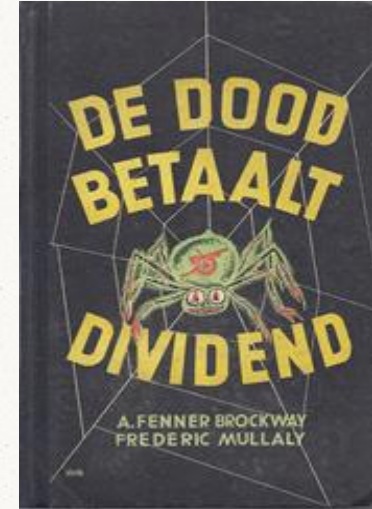


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Understanding Sustainable Finance starts with understanding the rise of Responsible Investing

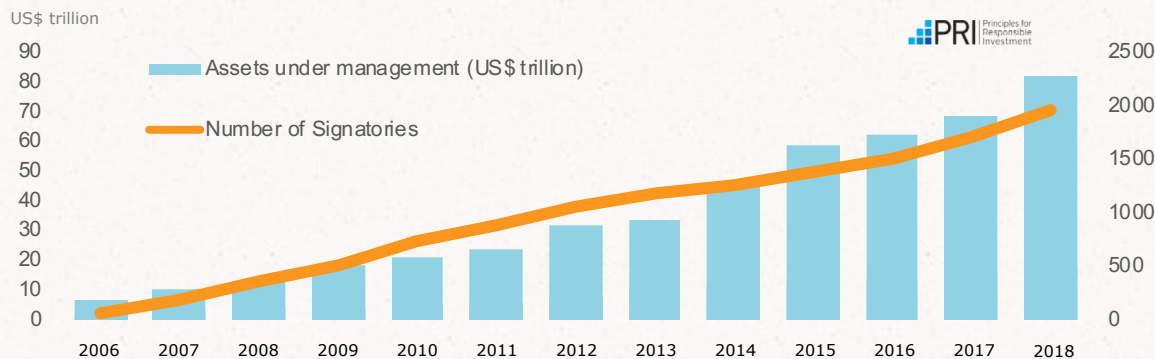
The notion of RI has a long history but only recently has started to pick up steam:

- *VOC & Quaker movement*
- *Casus: 1928 – The first SRI fund, the US Pioneer Fund*
- *Casus: 1986 - Interfaith Center on Corporate Responsibility vs Shell in South Africa*
- *Cases: 2000s Foundations// PRI// SDGs*



1945

The rise of the UN backed Principles for Responsible Investment



Source: Biermans & Deželan (forthcoming)/ PRI (2018)



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3

Sustainable Bonds



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Green Bonds dominate the SRI Bond market, but Social and Sustainability Bond markets are emerging

SRI Bond Type	Green Bonds	Social Bonds	Sustainability Bonds																																																																								
Market development	<p>\$ bn.</p> <table><thead><tr><th>Year</th><th>Value (\$ bn.)</th><th>Growth (%)</th></tr></thead><tbody><tr><td>2013</td><td>13</td><td></td></tr><tr><td>2014</td><td>34</td><td>+161%</td></tr><tr><td>2015</td><td>48</td><td>+38%</td></tr><tr><td>2016</td><td>95</td><td>+100%</td></tr><tr><td>2017</td><td>149</td><td>+56%</td></tr><tr><td>2018</td><td>144</td><td>-4%</td></tr><tr><td>2019*</td><td>85</td><td></td></tr></tbody></table>	Year	Value (\$ bn.)	Growth (%)	2013	13		2014	34	+161%	2015	48	+38%	2016	95	+100%	2017	149	+56%	2018	144	-4%	2019*	85		<p>\$ bn.</p> <table><thead><tr><th>Year</th><th>Value (\$ bn.)</th><th>Growth (%)</th></tr></thead><tbody><tr><td>2013</td><td>0</td><td></td></tr><tr><td>2014</td><td>1</td><td>+349%</td></tr><tr><td>2015</td><td>2</td><td>+269%</td></tr><tr><td>2016</td><td>2</td><td>-16%</td></tr><tr><td>2017</td><td>8</td><td>+327%</td></tr><tr><td>2018</td><td>12</td><td>+52%</td></tr><tr><td>2019*</td><td>7</td><td></td></tr></tbody></table>	Year	Value (\$ bn.)	Growth (%)	2013	0		2014	1	+349%	2015	2	+269%	2016	2	-16%	2017	8	+327%	2018	12	+52%	2019*	7		<p>\$ bn.</p> <table><thead><tr><th>Year</th><th>Value (\$ bn.)</th><th>Growth (%)</th></tr></thead><tbody><tr><td>2013</td><td>0</td><td></td></tr><tr><td>2014</td><td>2</td><td></td></tr><tr><td>2015</td><td>3</td><td>+45%</td></tr><tr><td>2016</td><td>6</td><td>+83%</td></tr><tr><td>2017</td><td>11</td><td>+76%</td></tr><tr><td>2018</td><td>16</td><td>+53%</td></tr><tr><td>2019*</td><td>16</td><td></td></tr></tbody></table>	Year	Value (\$ bn.)	Growth (%)	2013	0		2014	2		2015	3	+45%	2016	6	+83%	2017	11	+76%	2018	16	+53%	2019*	16	
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Volume	<ul style="list-style-type: none">\$580.97bn	<ul style="list-style-type: none">\$32.69bn	<ul style="list-style-type: none">\$55.37bn																																																																								
Market Standards	<ul style="list-style-type: none">ICMA Green Bond Principles (GBP)Climate Bonds Initiative (CBI)Local guidelines	<ul style="list-style-type: none">ICMA Social Bond Principles (SBP)	<ul style="list-style-type: none">ICMA Sustainable Bond Guidance (SDG)																																																																								
Use of Proceeds	<ul style="list-style-type: none">Renewable energyEnergy efficiencyPollution prevention and controlEnvironmentally sustainable management of living natural resources and land useTerrestrial and aquatic biodiversity conservationClean transportationSustainable water and wastewater managementClimate change adaptationEco-efficient and/or circular economy adapted products, production technologies and processesGreen buildings	<ul style="list-style-type: none">Affordable basic infrastructureAccess to essential servicesAffordable housingEmployment generationFood securitySocioeconomic advancement and empowerment	<ul style="list-style-type: none">Green and Social Bond Principles Use of Proceeds																																																																								

Green Bonds are guided by The Green Bond Principles

EU
UPDATE!



Green Bond Principles
Voluntary Process Guidelines for Issuing Green Bonds
June 2018



Key Principles

The Green Bond Principles (GBP) are not specific rules, standards, but are intended to:

- promote transparency and consistency in the market

- ensure alignment with the UN Sustainable Development Goals (SDGs)

- provide guidance on the use of proceeds

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- The GBP recognize several categories of eligible Green Projects, including, but not limited to:
 - Renewable energy
 - Energy efficiency
 - Pollution prevention and control
 - Sustainable management of living natural resources
 - Terrestrial and aquatic biodiversity conservation
 - Clean transportation
 - Sustainable water management
 - Climate change adaptation
 - Eco-efficient products, production technologies and processes
 - Sustainable real estate

1

Use of Proceeds

2

Project Selection

3

Management of Proceeds

4

Reporting

4

Sustainable Loans



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Three proven paths that lead to Sustainable Loan issuance

Green structuring methodology

1. Sustainable Loan linked to an external ESG rating



2. Sustainable Loan linked to sustainability key performance indicators



3. Sustainable Loan used to finance sustainable business or assets

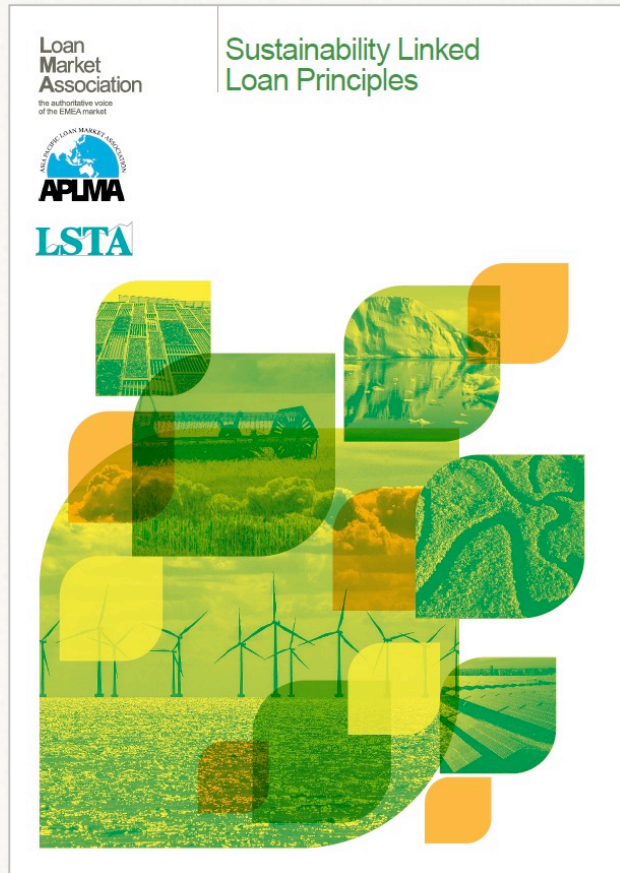


Market examples

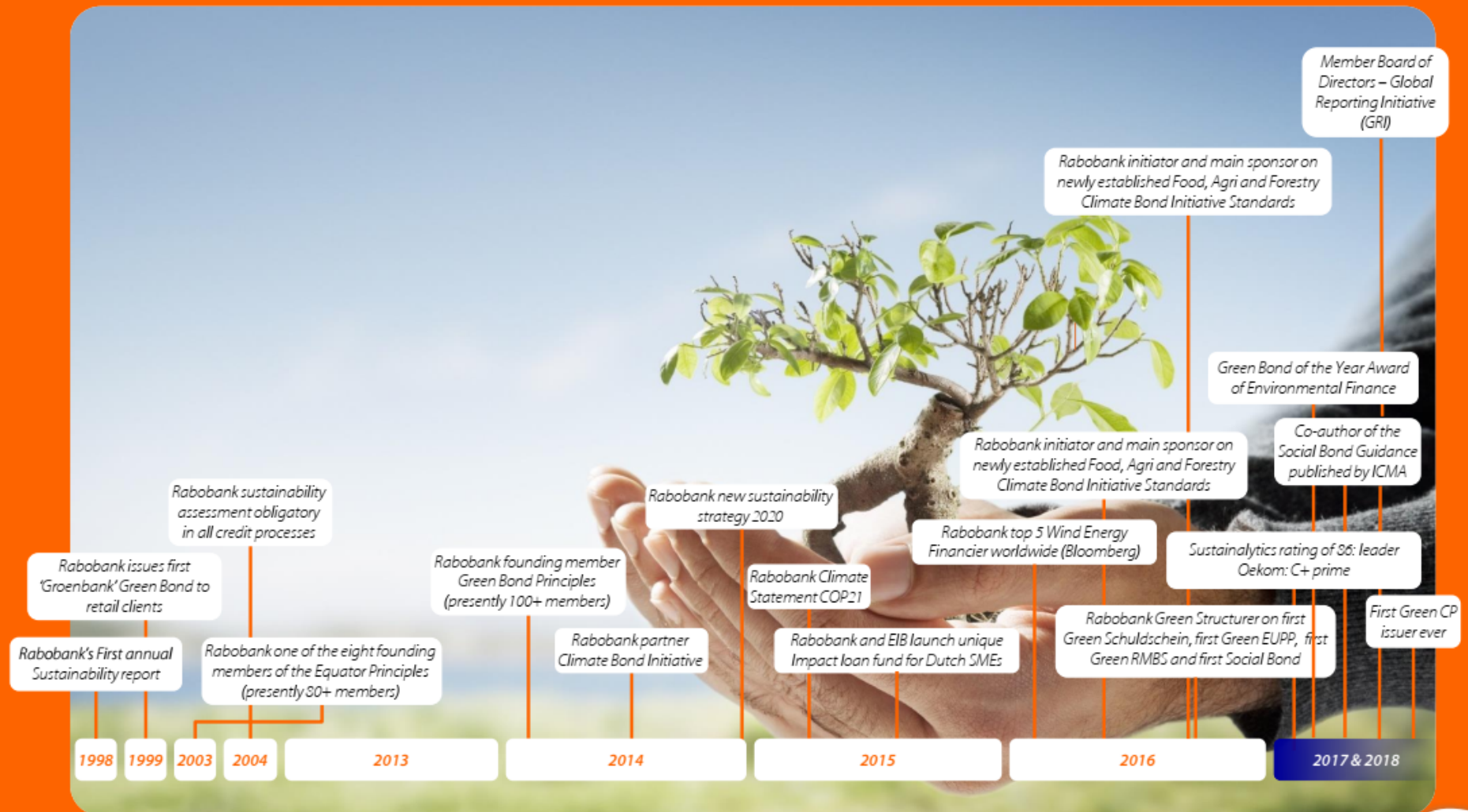




Sustainability Linked Loan Principles as well as the Green Loan Principles offer guidance



Rabobank is a pioneer in Sustainable Debt Capital Markets



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Deals Serving as a Recognition of Our Commitment to Sustainability

		<div><div>NWB) BANK</div><div>Nederlandse Waterschapsbank (The Netherlands)</div><div>Affordable Housing Bond 1.25% Notes due 2032 EUR 500,000,000</div><div>Joint Bookrunner</div><div>May 2017</div></div>	<div><div>The Student Hotel (Netherlands)</div><div>EUR 310,000,000 Syndicated Facilities</div><div>Green Advisor, Coordinator, Mandated Lead Arranger and Agent</div><div>November 2017</div></div>	<div><div>VolkerWessels (The Netherlands)</div><div>EUR 600,000,000 Revolving Credit Facility</div><div>Documentation Agent, Sustainability Coordinator & Bookrunning Mandated Lead Arranger</div><div>May 2018</div></div>	<div><div>Gunvor SA (Switzerland)</div><div>USD 745,000,000 Borrowing Base Facility</div><div>Bookrunning Mandated Lead Arranger</div><div>October 2018</div></div>	<div><div>Mercon B.V.</div><div>\$450 million Sustainability Linked Credit Facility</div><div>Lead Arranger, Bookrunner, Sustainability Structuring Agent and Administrative Agent</div><div>April 2019</div></div>			
		<div><div>KfW (Germany)</div><div>Green Bond 0.05% Notes due 2024 EUR 1,000,000,000</div><div>Joint Bookrunner</div><div>May 2016</div></div>	<div><div>NWB) BANK</div><div>Nederlandse Waterschapsbank (The Netherlands)</div><div>Affordable Housing Bond 0.25% Notes due 2024 EUR 1,000,000,000</div><div>Joint Bookrunner</div><div>May 2017</div></div>	<div><div>Ørsted A/S (Denmark)</div><div>Green Bond 1.500% Notes due 2029 EUR 750 million</div><div>Joint Bookrunner</div><div>November 2017</div></div>	<div><div>DSM (The Netherlands)</div><div>EUR 1 billion Green RCF</div><div>Bookrunning Mandated Lead Arranger</div><div>May 2018</div></div>	<div><div>AVR - Afvalverwerking (The Netherlands)</div><div>EUR 80,000,000 Revolving Credit Facility EUR 20,000,000 Liquidity Facility</div><div>Coordinator Sustainability Coordinator Mandated Lead Arranger</div><div>October 2018</div></div>	<div><div>Ghana Cocoa Board (Ghana)</div><div>USD 300,000,000 Syndicated Trade Finance Facility</div><div>Active Bookrunning Mandated Lead Arranger and Sustainability Coordinator</div><div>March 2019</div></div>		
<div><div>European Investment Bank</div><div>Tennet Taking power further</div><div>FMO Environmental Investment Bank</div><div>European Investment Bank</div><div>State of North-Rhine (Spain)</div><div>ICO Instituto de Crédito Oficial</div><div>Social Bond 0.500% Notes due 2017 EUR 1 billion</div><div>Co-lead</div><div>January 2015</div><div>2015</div></div>	<div><div>Starbucks (United States)</div><div>Sustainability Bond 2.450% Notes due 2026 USD 500 million</div><div>Joint Lead Manager</div><div>May 2016</div></div>	<div><div>FMO (The Netherlands)</div><div>Sustainability Bond 0.125% Notes due 2023 EUR 500,000,000</div><div>Joint Bookrunner</div><div>May 2017</div></div>	<div><div>Bank Nederlandse Gemeenten (The Netherlands)</div><div>Sustainability Bond 0.200% Notes due 2024 EUR 750,000,000</div><div>Joint Bookrunner</div><div>November 2017</div></div>	<div><div>Tennet (The Netherlands)</div><div>Green Bond 1.375% Notes due 2023 2.000% Notes due 2034 EUR 1,250 million</div><div>Joint Bookrunner</div><div>May 2018</div></div>	<div><div>Rabobank (The Netherlands)</div><div>Commercial Paper EUR 300,000,000 Sustainable ESG Leader</div><div>Sole structureur</div><div>August 2018</div></div>	<div><div>Port of Rotterdam Havenbedrijf Rotterdam N.V. (Netherlands)</div><div>Revolving Credit Facility EUR 300,000,000</div><div>Coordinator, Documentation Agent and Mandated Lead Arranger</div><div>March 2019</div></div>			
<div><div>European Investment Bank</div><div>alliander</div><div>Green Bond 0.875% Notes due 2026 EUR 300 million</div><div>Joint Bookrunner</div><div>April 2016</div></div>	<div><div>TenneT (The Netherlands)</div><div>Green Bond 1.250% Notes due 2033 EUR 500 million</div><div>Joint Bookrunner</div><div>October 2016</div></div>	<div><div>obvion Green STORM 2017 (The Netherlands)</div><div>EUR 550 million Second Green RMBS worldwide</div><div>Arranger Joint Lead Manager Swap Provider</div><div>May 2017</div></div>	<div><div>Heerema Marine Contractors (The Netherlands)</div><div>Revolving Credit Facility USD 332.5m</div><div>Documentation Agent & Green Advisor</div><div>July 2017</div></div>	<div><div>obvion Green Storm 2018 (The Netherlands)</div><div>EUR 550 million Green RMBS</div><div>Arranger Joint Lead Manager Swap Provider</div><div>May 2018</div></div>	<div><div>GRUPO SIRO Cultivamos futuro</div><div>Galletas Siro, S.A. (Spain)</div><div>Syndicated Loan EUR240m</div><div>Green Advisor, Joint Lead Agent, Bookrunner</div><div>July 2018</div></div>	<div><div>TBI TBI Holdings B.V. (The Netherlands)</div><div>EUR 105,000,000 Revolving Credit Facility</div><div>Documentation Agent, Sustainability Coordinator & Bookrunning Mandated Lead Arranger</div><div>November 2018</div></div>	<div><div>achmea</div><div>Achmea B.V. (The Netherlands)</div><div>EUR 1,000,000,000 Multicurrency Revolving Credit Facility</div><div>Coordinator, Sustainability Coordinator and Mandated Lead Arranger</div><div>March 2019</div></div>	<div><div>Sucafina (Switzerland)</div><div>Sustainability Linked Loan USD 300 million</div><div>Sustainability Coordinator, Lead Arranger</div><div>May 2019</div></div>	
<div><div>European Investment Bank</div><div>Royal FrieslandCampina (The Netherlands)</div><div>Schuldverschindarlehen EUR 300 million</div><div>Sole Green Structurer Joint Arranger</div><div>April 2016</div></div>	<div><div>Rabobank (The Netherlands)</div><div>Green Bond 0.125% Notes due 2021 EUR 500 million</div><div>Joint Bookrunner</div><div>October 2016</div></div>	<div><div>PHILIPS</div><div>Royal Philips (The Netherlands)</div><div>EUR 1,000,000,000 Revolving Credit Facility</div><div>Bookrunning Mandated Lead Arranger</div><div>April 2017</div></div>	<div><div>TenneT (The Netherlands)</div><div>Green Bond 0.750% Notes due 2025 1.375% Notes due 2029 EUR 1,000 million</div><div>Joint Bookrunner</div><div>June 2017</div></div>	<div><div>Olam Olam Treasury Pte Ltd Olam International Ltd (Singapore)</div><div>USD 500,000,000 Green Revolving Credit Facility</div><div>Mandated Lead Arranger</div><div>March 2018</div></div>	<div><div>Food and Agri company (undisclosed)</div><div>Coordinator, Documentation Agent Mandated Lead Arranger & Security Agent</div><div>June 2018</div></div>	<div><div>GNG (The Netherlands)</div><div>0.500% Notes due 2025 EUR 750,000,000</div><div>Joint Bookrunner</div><div>November 2018</div></div>	<div><div>SBM Offshore N.V. (Netherlands)</div><div>Revolving Credit Facility USD 1,000,000,000</div><div>Sustainability Coordinator, Bookrunning Mandated Lead Arranger</div><div>February 2019</div></div>	<div><div>NWB) BANK</div><div>Nederlandse Waterschapsbank (The Netherlands)</div><div>SDG Housing Bond 0.125% Notes due 2039 EUR 1,000,000,000</div><div>Joint Bookrunner</div><div>May 2019</div></div>	
<div><div>European Investment Bank</div><div>Sainsbury's</div><div>NWB) BANK</div><div>FMO</div><div>rentenbank Rentenbank (Germany)</div><div>Renewable Energy Bond 1.455% Notes due 2020 EUR 50 million</div><div>Sole Bookrunner</div><div>August 2013</div></div>	<div><div>Heerema Marine Contractors (The Netherlands)</div><div>Green European Private Placement EUR 90 million</div><div>Sole Arranger</div><div>March 2015</div></div>	<div><div>Bank Nederlandse Gemeenten (The Netherlands)</div><div>Social Bond 0.050% Notes due 2024 EUR 1,000,000,000</div><div>Joint Bookrunner & Duration Manager</div><div>July 2016</div></div>	<div><div>CEB Council of Europe Development Bank (Supranational)</div><div>Inaugural Social Inclusion Bond 0.125% Notes due 2024 EUR 500,000,000</div><div>Joint Bookrunner</div><div>April 2017</div></div>	<div><div>Agropecuária Rio Paraíso LTDA (Brazil)</div><div>USD 500,000,000 Green Loan</div><div>Loan Provider</div><div>May 2017</div></div>	<div><div>CEB Council of Europe Development Bank (Supranational)</div><div>Social Inclusion Bond 0.375% Notes due 2025 EUR 500,000,000</div><div>Joint Bookrunner</div><div>March 2018</div></div>	<div><div>Corbion (The Netherlands)</div><div>EUR 300,000,000 Revolving Credit Facility</div><div>Coordinator, Sustainability Advisor, Bookrunning Mandated Lead Arranger</div><div>June 2018</div></div>	<div><div>NWB) BANK</div><div>Nederlandse Waterschapsbank (The Netherlands)</div><div>Affordable Housing Bond 1.500% Notes due 2039 EUR 600,000,000</div><div>Joint Bookrunner</div><div>November 2018</div></div>	<div><div>ARCADIS</div><div>Arcadis N.V. (The Netherlands)</div><div>USD 115,000,000 RCF EUR 87,500,000 Term Loan EUR 25,000,000 Term Loan</div><div>Joint Sustainability Coordinator, Documentation Agent, Bookrunner and Facility Agent</div><div>February 2019</div></div>	<div><div>Philips Koninklijke Philips N.V. (The Netherlands)</div><div>0.500% Notes due 2026 EUR 750 million</div><div>Joint Bookrunner</div><div>May 2019</div></div>
<div><div>European Investment Bank</div><div>renewi (United Kingdom)</div><div>Syndicated Loan EUR550m</div><div>Bookrunning Mandated Lead Arranger</div><div>May 2018</div></div>	<div><div>EIB (Supranational)</div><div>Climate Awareness Bond Senior Unsecured 0.50% Notes due 2023 EUR 500 million</div><div>Joint Bookrunner</div><div>January 2016</div></div>	<div><div>Green STORM 2016 (The Netherlands)</div><div>EUR 500 million First Green RMBS worldwide</div><div>Arranger Joint Bookrunner Swap Provider</div><div>June 2016</div></div>	<div><div>Jain Irrigation Systems Ltd. Jain Irrigation (India)</div><div>Green Bond 7.125% Notes due 2022 USD 200 million</div><div>Joint Bookrunner</div><div>January 2017</div></div>	<div><div>BARRY CALLEBAUT Barry Callebaut AG (Switzerland)</div><div>EUR 750,000,000 Revolving Credit Facility</div><div>Documentation Agent & Bookrunning Mandated Lead Arranger</div><div>June 2017</div></div>	<div><div>State of North-Rhine Westphalia (Germany)</div><div>0.950% Notes due 2028 EUR 2,025,000,000</div><div>Joint Bookrunner</div><div>March 2018</div></div>	<div><div>renewi (United Kingdom)</div><div>Syndicated Loan EUR550m</div><div>Bookrunning Mandated Lead Arranger</div><div>May 2018</div></div>	<div><div>ECOM Ecom Agroindustrial Corp Ltd (Switzerland)</div><div>USD 650,000,000 Revolving Credit Facility</div><div>Mandated Lead Arranger</div><div>October 2018</div></div>	<div><div>greencore (Ireland)</div><div>GBP 300,000,000 Revolving Credit Facility</div><div>Joint Coordinator, Bookrunning Mandated Lead Arranger and Sole Sustainability Coordinator</div><div>January 2019</div></div>	<div><div>vesteda Vesteda Finance B.V. (The Netherlands)</div><div>1.500% Notes due 2027 EUR 500 million</div><div>Joint Bookrunner</div><div>May 2019</div></div>
2013 & 2014	2016	2017	2018	2019					



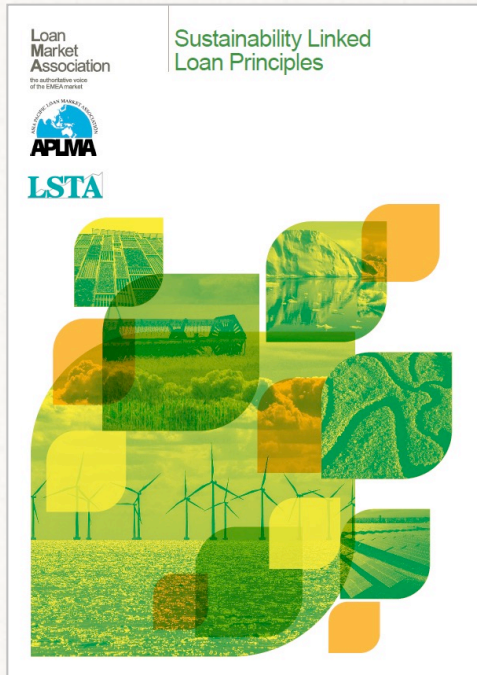
Many Thanks for your Attention

Maarten.Biermans@Rabobank.com



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The APLMA Sustainability Linked Loan Principles



1. Relationship to Borrower's Overall CSR Strategy

The borrower of a sustainability linked loan should clearly communicate to its lenders its sustainability objectives, as set out in its CSR strategy, and how these align with its proposed sustainability performance targets (SPTs).

2. Target Setting – Measuring the Sustainability of the Borrower

Appropriate SPTs should be negotiated and set between the borrower and lender group for each transaction. One “Sustainability Coordinator” or “Sustainability Structuring Agent” may be chosen to be of assistance. The SPTs should be tied to a sustainability improvement related to a predetermined performance target benchmark, SPTS may be either internal or external. Targets should also be based on recent performance levels (often data from the previous 6-12 months).

3. Reporting

Borrowers should, where possible, make and keep readily available up to date information relating to their SPTs (such as any external ESG ratings), with such information to be provided to those institutions participating in the loan at least once per annum.

4. Review

The need for external review is to be negotiated and agreed between the borrower and lenders on a transaction-by transaction basis. For loans where information relating to SPTs is not made publicly available or otherwise accompanied by an audit/assurance statement, it is strongly recommended that a borrower should seek external review of its performance against its SPTs. In cases where no external review is sought, it is strongly recommended that the borrower demonstrates or develops the internal expertise to validate the calculation of its performance against its SPTs. Once reporting has been completed and external review (if any) has taken place, the lenders will evaluate the borrower's performance against the SPTs based on the information provided.



The APLMA Green Loan Principles



1. Use of Proceeds

The fundamental determinant of a green loan is the utilization of the proceeds for Green Projects (including other related and supporting expenditures, including R&D), which should be described in the finance documents. Where funds are to be used, in whole or part, for refinancing, it is recommended that borrowers provide an estimate of the share of financing vs refinancing. Where appropriate, they should also clarify which investments or project portfolios may be refinanced, and, to the extent relevant, the expected look-back period for refinanced Green Projects. The categories follow the Use of Proceeds as outlined in the Green Bond Principles.

2. Process for Project Evaluation and Selection

The borrowers of a green loan should clearly communicate to its lenders: its environmental sustainability objectives, the process by which the borrower determines how its projects fit within the eligible Use of Proceeds, the related eligibility criteria, including exclusion criteria or any other process applied to identify and manage potentially material environmental risks associated with the proposed projects. Borrowers are also encouraged to disclose any green standards or certifications to which they are seeking to conform.

3. Management of Proceeds

The proceeds of a green loan should be credited to a dedicated account or otherwise tracked by the borrower in an appropriate manner, so as to maintain transparency and promote the integrity of the product.

4. Reporting

Borrowers should make and keep readily available up to date information on the use of proceeds to be renewed annually until fully drawn, and as necessary thereafter in the event of material developments. This should include a list of the Green Projects to which the green loan proceeds have been allocated and a brief description of the projects and the amounts allocated and their expected impact. Where confidentiality agreements, competitive considerations, or a large number of underlying projects limit the amount of detail that can be made available, the GLP recommend that information is presented in generic terms or on an aggregated project portfolio basis. Information need only be provided to those institutions participating in the loan. Transparency is of particular value in communicating the expected impact of projects. The GLP recommend the use of qualitative performance indicators and, where feasible, quantitative performance measures (for example, energy capacity, electricity generation, greenhouse gas emissions reduced/avoided, etc.) and disclosure of the key underlying methodology and/or assumptions used in the quantitative determination. Borrowers with the ability to monitor achieved impacts are encouraged to include those in regular reports.

