



# Introduction

- › 195 countries have signed the Paris Climate Agreement which aims to reduce greenhouse gas emissions in order to keep temperature increase to below 2°C
- › ESG goes further than greenhouse gasses: the 193 UN countries have signed the Sustainable Development Goals (SDGs):  
  
230+ indicators to measure progress on poverty, education, equality, energy, climate, nature and peace.



# Introduction

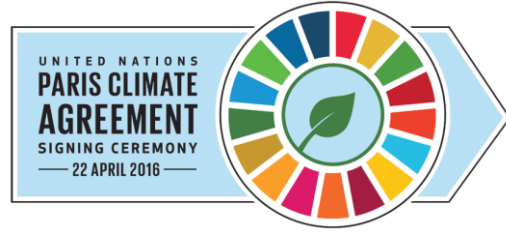
- › Countries have committed themselves to KPIs and are implementing policies and regulations
- › Most of the measurement is based on statistics and mathematical models
- › It will take years for governments to enforce sustainability reporting on a large scale
- › Some industries need more data already: the Financial Services Industry



# Financial Services Industry

- › Central banks across Europe and the world are urging financial institutions to express climate-related financial risks on their balance sheets.
- › Banks should put a price on carbon-heavy industries to avoid “stranded assets”
- › The Task Force on Climate-related Financial Disclosures (TCFD) helps companies to enhance their disclosures of climate-related information.
- › A number of frameworks help organizations to collect the required information, e.g. PCAF.

# Supra-national



Policies



## National climate policies

# National / public sector

<b>Tafel Elektriciteit</b> <b>Doelen</b> <b>20,2 Mt</b> Doel: 100% elektriciteit uit hernieuwbaar <b>Maatregelen</b> 1. Meer zonnepanelen en windenergie 2. Overstroom opslag 3. Overstroom opslag op landbouwgebied 4. Overstroom opslag op industrieel gebied	<b>Tafel Gebouwde Omgeving</b> <b>Doelen</b> <b>3,4 Mt</b> <b>Maatregelen</b> 1. Energie efficiëntie 2. Overstroom opslag op landbouwgebied 3. Overstroom opslag op industrieel gebied	<b>Tafel Mobiliteit</b> <b>Doelen</b> <b>7,3 Mt</b> <b>Maatregelen</b> 1. Elektrische auto's 2. Elektrische fietsen 3. Elektrische vrachtwagens 4. Elektrische vliegtuigen	<b>Tafel Industrie</b> <b>Doelen</b> <b>14,3 Mt</b> <b>Maatregelen</b> 1. Elektrische industrie 2. Elektrische vliegtuigen 3. Elektrische schepen	<b>Tafel Landbouw en Landgebruik</b> <b>Doelen voor energie</b> <b>3,5 Mt</b> <b>Maatregelen</b> 1. Overstroom opslag op landbouwgebied 2. Overstroom opslag op industrieel gebied
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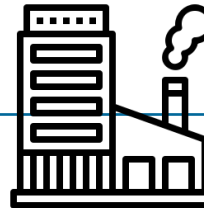
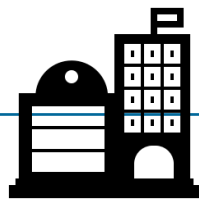
Publiek en privaatedreven inzicht in klimaatrisico's

Reporting



standards-based digital reporting (Standard Business Reporting)

# Private sector





## Example: PCAF

- > In the Netherlands, the Dutch government, banks and the SBR governance are working together with the Partnership for Carbon Accounting Financials (PCAF).
  - > PCAF is a reporting standard to measure emissions, which enable financial institutions to measure the impact of their investments.
- > PCAF is adopted by dozens of financial institutions worldwide and growing fast. The methodology is actively used. However, they are currently not using computer-readable definitions and data exchange, which leads to manual processes and sub-optimal data quality.

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## Example: PCAF

- › PCAF data could be the input for TCFD: “... where TCFD describes metrics to disclose impact and risk for sectors, PCAF allows harmonized accounting for the financial sector at the detailed level of asset classes.”
- › In cooperation with SBR, PCAF will set up a “structured data” working group, leading to a taxonomy and data exchange standards.
- › We aim to use international standards and taxonomy architecture.



# Climate initiatives in the Financial Industry

B Banks	I Investors	BI Banks & Investors	◆ Focus of Initiative	High-level Commitment to Act	Measuring Financed Emissions	Scenario Analysis	Target-setting	Enabling Action	Reporting
B			UNEP FI Principles for Responsible Banking (PRB): Collective Commitment on Climate Action	◆					
B			Climate Action in Financial Institutions	◆					
	I		United Nations-convened Net-Zero Asset Owner Alliance	◆					
	I		Investor Agenda	◆					
BI			Task Force on Climate-related Financial Disclosures (TCFD)						◆
BI			Partnership for Carbon Accounting Financials (PCAF)		◆				
B			Poseidon Principles (for shipping sector only)			◆			
BI			UNEP FI TCFD pilots			◆			
BI			Paris Agreement Capital Transition Assessment (PACTA)			◆			
	I		IIGCC Paris Aligned Investment Initiative			◆			
BI			Science Based Targets for Financial Institutions				◆		
B			Climate Safe Learning Lab					◆	
B			Banking Environment Initiative					◆	
	I		Climate Action 100+					◆	
BI			CDP Financial Services Questionnaire						◆