GRI Empowering Sustainable Decisions™

# Sustainability reporting and Climate Change

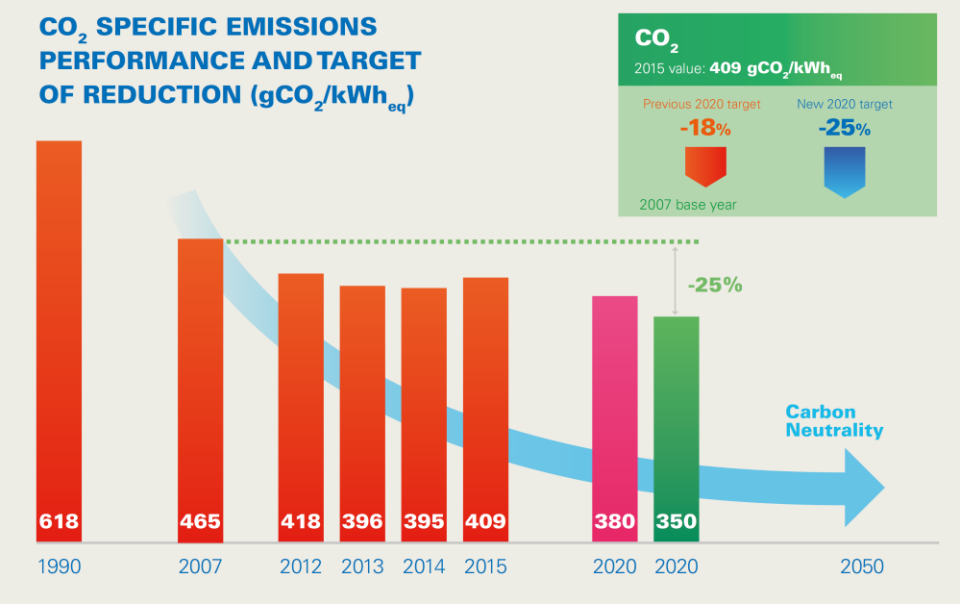
## Case studies

Berlin – 5th May 2017

# Reporting on climate change

## Case study - Enel

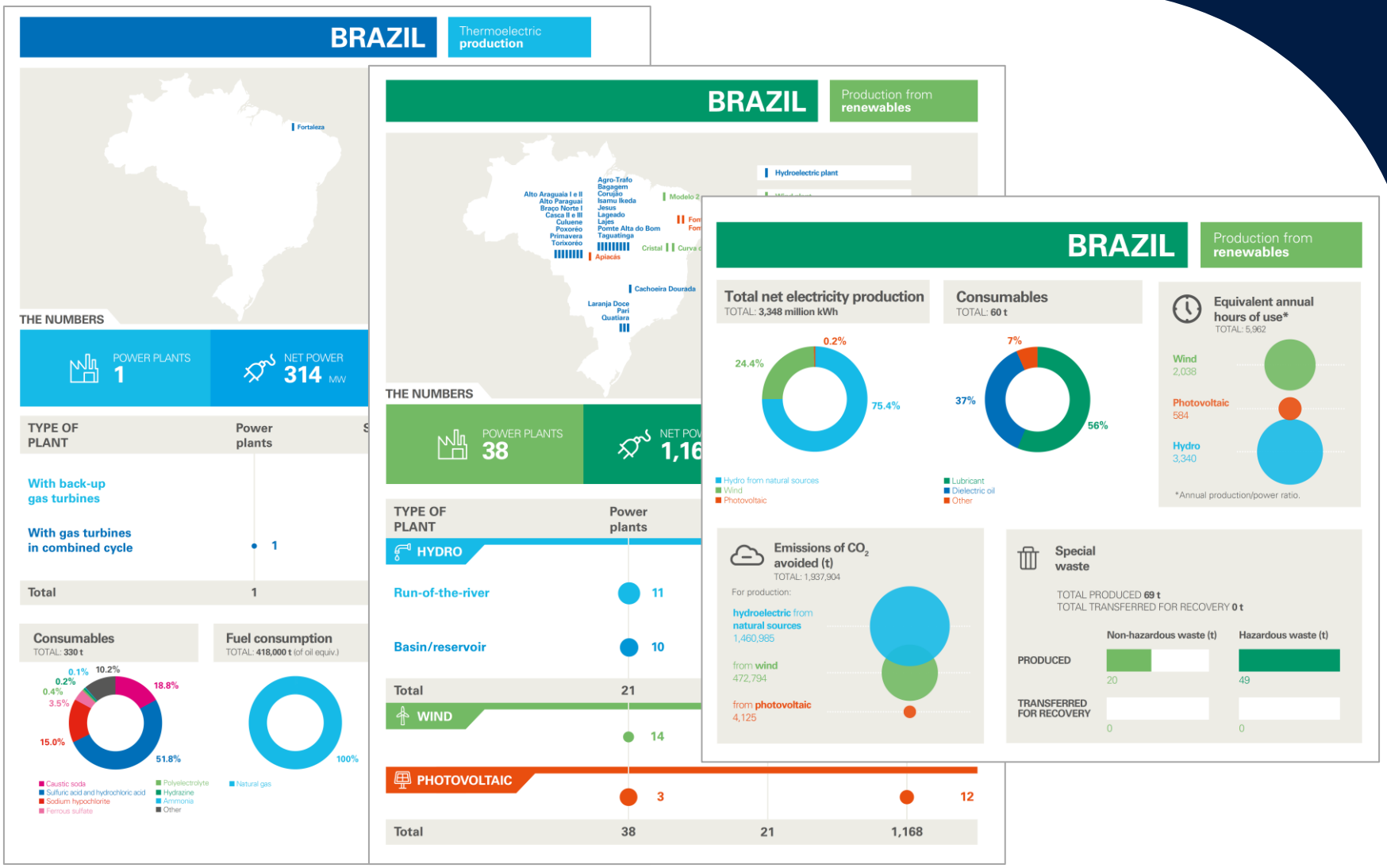
**2015**: Coinciding with the Paris Climate Change Conference (COP21), Enel's new commitments to reduce its CO2 emissions to 2020 and the route **to carbon neutrality in 2050** are **certified as "science based targets"** (i.e. in line with the request of the scientific community) by a working group consisting of the Carbon Disclosure Project, UN-Global Compact, WWF, and the World Resource Institute. Enel is one of the first 12 companies in the world to obtain such recognition




*Enel Sustainability Report 2015*

# Reporting on climate change

## Case study - Enel




*Enel Environmental Country Overview 2015*

# Reporting on climate change

## Case study - Ambuja Cements

> Renewable Energy projects enabled us to reduce about 59,559 tonnes of CO2

> CO2 levels in 2015 further reduced by 29.4% from 1990 as compared to 28.3% for 2014.

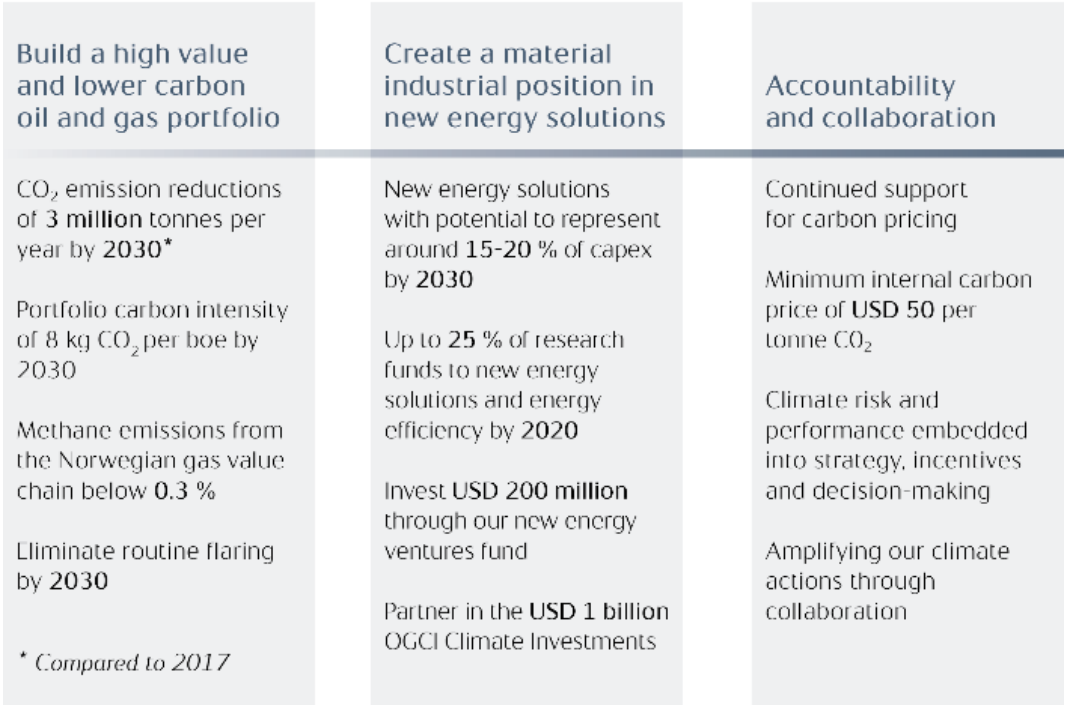
| | | GRI G4 Indicator | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|
| **CO2 Emissions** | | | | | |
| **Total Scope 1 Direct emissions (Absolute gross: cement & onsite power generation)** | **tons of $CO_2$** | **EN15** | **13476725** | **13997274** | **13585987** |
| **Total Scope 2 Indirect emissions** | **tons of $CO_2$** | **EN16** | **634759** | **794347** | **888778** |
| **Indirect Emissions from Imported Electricity** | **tons of $CO_2$** | **EN16** | **536782** | **707362** | **547813** |
| **Indirect emissions from inbound clinker** | **tons of $CO_2$** | | **97977** | **86985** | **340966** |
| Total Scope 3 emissions | **tons of $CO_2$** | **EN4, EN17, EN30** | Not estimated | 167674.4 | 1528250 |
| Number of Integrated Plants included in Scope-3 emissions | | | NA | 1 of 5 | 5 of 5 |
| $CO_2$ from Combustion of Biomass (kiln & non-kiln fuels including biomass content of mixed fuels) | **tons of $CO_2$** | | 104466 | 85193 | 103860 |

*Ambuja Cements Limited Sustainable Development Report 2015*

# Reporting on climate change

## Case study - Statoil

> Reflecting the ambitions set by the Paris climate agreement and the risks and opportunities associated with the long-term transition to a low carbon energy future, our climate roadmap defines three key strategic objectives and an action plan to 2030:



**Build a high value and lower carbon oil and gas portfolio**

$CO_2$ emission reductions of **3 million** tonnes per year by **2030***

Portfolio carbon intensity of 8 kg $CO_2$ per boe by 2030

Methane emissions from the Norwegian gas value chain below **0.3 %**

Eliminate routine flaring by **2030**

* *Compared to 2017*

**Create a material industrial position in new energy solutions**

New energy solutions with potential to represent around **15-20 %** of capex by **2030**

Up to **25 %** of research funds to new energy solutions and energy efficiency by **2020**

Invest **USD 200 million** through our new energy ventures fund

Partner in the **USD 1 billion** OGCI Climate Investments

**Accountability and collaboration**

Continued support for carbon pricing

Minimum internal carbon price of **USD 50** per tonne $CO_2$

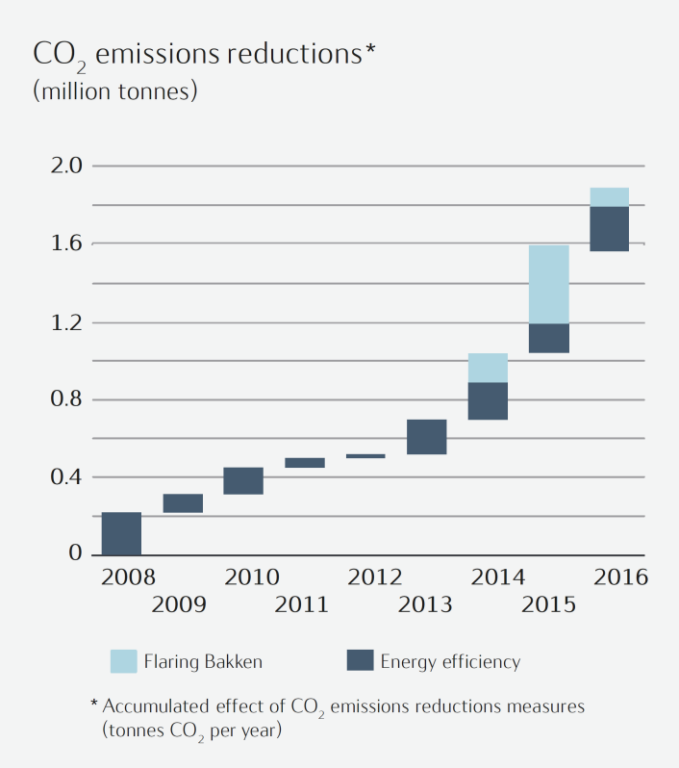
Climate risk and performance embedded into strategy, incentives and decision-making

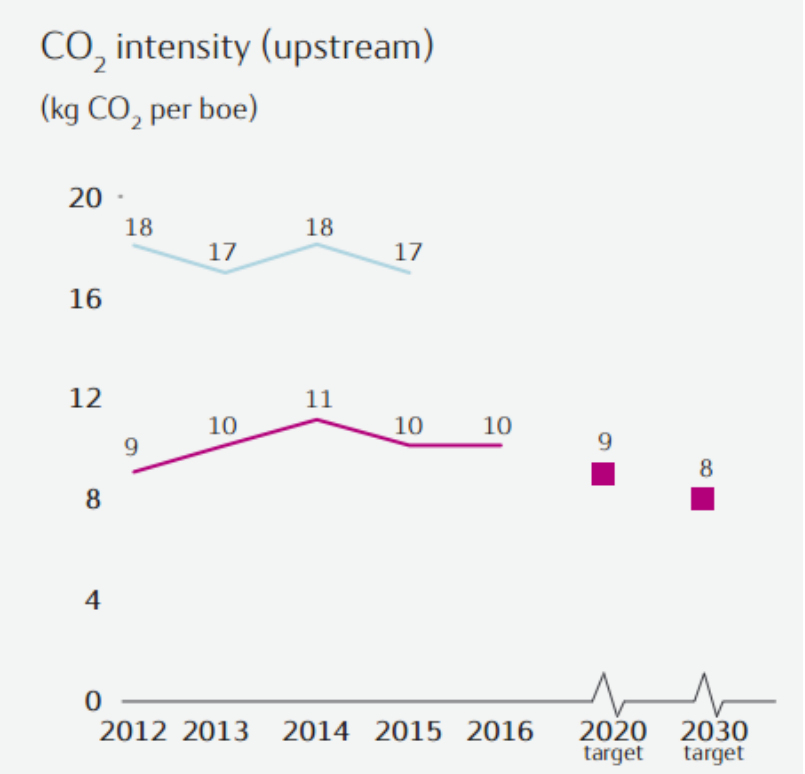
Amplifying our climate actions through collaboration

*Statoil Annual Report 2016*

# Reporting on climate change

## Case study - Statoil




*Statoil Annual Report 2016*

# Thank you

GRI Empowering Sustainable Decisions

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