



APPENDICES FY 2018 RESULTS

February 28th, 2019



ENGie





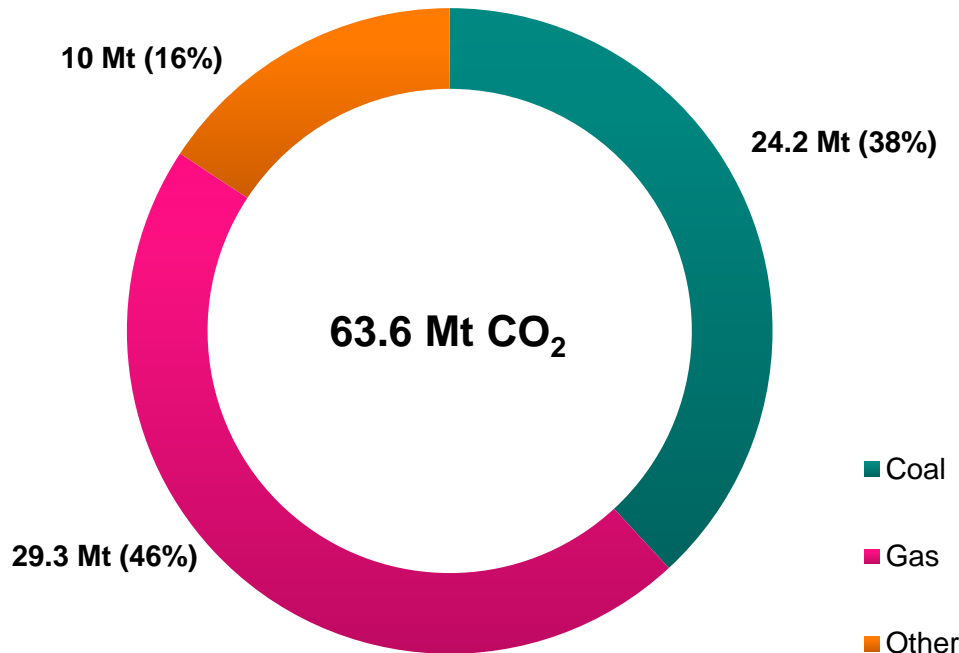
CO₂



CO₂ EMISSIONS: A -26% DROP IN 2018 VS 2017 OF DIRECT EMISSIONS DUE TO DECREASING COAL FIRED ASSETS

2018 - UNAUDITED FIGURES

2018 GHG (scope 1) FROM ENERGY GENERATION
SPLIT BY FUEL



COVERAGE OF CO₂ EMISSIONS

In Mt

Direct emissions of greenhouse gases in 2018	65.8
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of which direct emissions of greenhouse gases under the EU-ETS system (estimate)	29.3
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Allocation of bonus quotas	0.8
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SUSTAINABILITY



2018 RESULTS CONFIRMING LONG TERM CSR AMBITION

ENGIE committed in 2016 to 6 ambitious CSR objectives to be achieved by 2020

- To support its strategic ambition and demonstrate its impacts on society

CSR governance designed to ensure commitment across the Group

- CSR performance reviews led by CSR Department with Business Units

Objective	Key Performance Indicator	FY 2015	FY 2016	FY 2017	FY 2018	2020 target
1) Supporting our customers in the energy transition	Satisfaction rate among our B2C customers	NA	81%	83%	81%	85%
2) Renewable	Share of renewable energy in the electricity generation capacity	18.3%	19.5%	23.1%	23.7%	25%
3) Greenhouse gas emissions	% reduction in ratio of CO ₂ emissions to energy production compared with 2012	+0.6%	-11.3%	-18.1%	-28.7%	-20%
4) Stakeholder dialogue	% of industrial activities covered by a suitable dialogue and consultation mechanism	NA	20%	48%	53%	100%
5) Gender diversity	% of women in the Group's workforce	21.6%	21.9%	22.2%	21.1%	25%
6) Health and safety	Internal frequency rate for occupational accidents	3.6	3.6	3.3	3.4	< 3

CONTRIBUTION OF ENGIE CSR OBJECTIVES TO UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

ENGIE CSR objectives support the Group's ambition of energy transition leaderships and contribute to the global sustainable development priorities defined by the United Nations



25%⁽¹⁾ renewable energy in the generating capacity mix, new renewable projects, sustainable energy access for all (~3 million beneficiaries of "Rassembleurs d'Énergies" projects as of End 2018), 20 million⁽¹⁾ beneficiaries of sustainable-energy access programs at the "Base of the Pyramid"



€1.5bn Expenditure in emerging & digital technologies between 2016 and 2018, €165m ENGIE New Ventures fund investing in startups



Objective of Health & Safety (internal accident frequency rate below 3⁽¹⁾), "our live-saving rules" to reduce fatal accidents



Objective of gender diversity (25%⁽¹⁾ of woman in the workforce)



Support our customers in the energy transition (B2C satisfaction rate above 85%⁽¹⁾), develop Stakeholder Engagement (all industrial activities covered by a suitable dialogue⁽¹⁾), objective of 100% of target sites with an integrated environmental management plan drawn up in collaboration with their stakeholders⁽¹⁾



Cut CO₂ emissions ratio for energy production by -20%⁽²⁾, exit from coal power generation



Member of the CEO water mandate from 2008



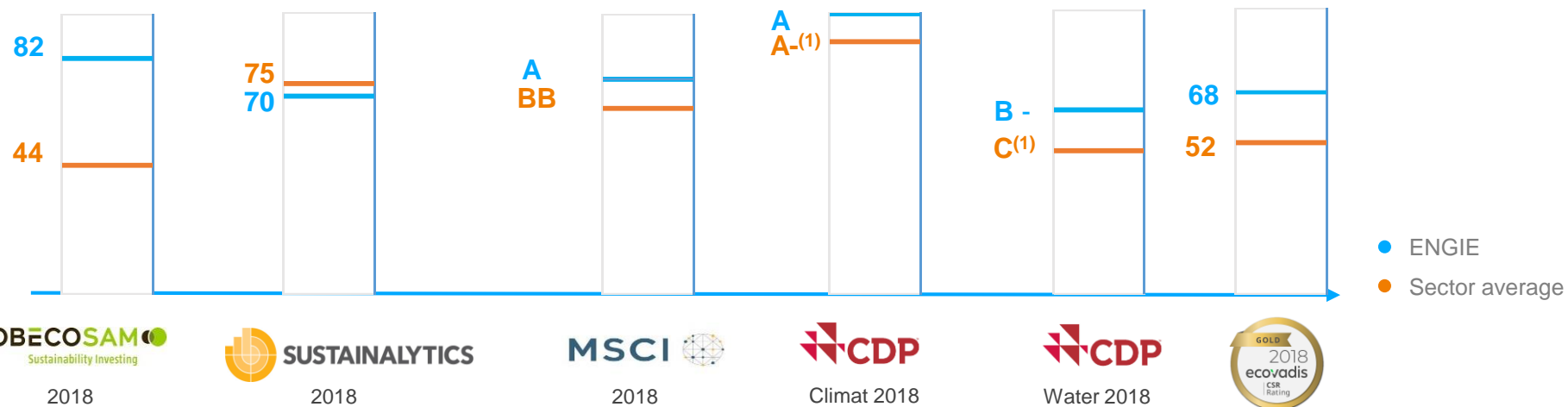
ENGIE's commitment to the French National Strategy on Biodiversity (SNB) from 2012, confirmed again in 2016, member of Act4nature initiative

(1) By 2020
(2) By 2020, vs 2012 level

ENGIE WELL-POSITIONED IN CSR RATINGS AND INDEXES

ENGIE listed in the main indexes

- DJSI World, DJSI Europe, Industry Leader
- Euronext Vigeo Eiris World 120, Europe 120, Eurozone 120 and France 20
- CAC40 Governance



2018



SUSTAINALYTICS

2018



2018



Climat 2018



Water 2018



Sustainability Award Gold Class 2019



United Nations Global Compact

Communication on progress: Advanced level

CERTIFICATIONS

- 80% of revenues covered by ISO 14001, EMAS⁽²⁾, other external EMS⁽³⁾ certifications and internal EMS (2018)

(1) Sector CDP (EDF, EON, RWE, ENEL, IBERDROLA, ENGIE)
 (2) Eco Management & Audit Scheme
 (3) Environmental Management Scheme



ENGIE DECARBONIZATION ROADMAP: DELIVER GREENER COMPETITIVE SOLUTIONS FOR INDUSTRIAL CLIENTS

1 Measure

- **manage customer's carbon footprint**
 - energy data collection of industrial sites and CO₂ neutral roadmap
 - help develop inclusive, resilient, and transparent supply chain

2 Gain

- **develop appropriate energy solutions for every site**
 - focus on relevant sites & energy solutions
 - quick wins for customer's sustainability roadmap
 - increase business profitability with relevant solutions



3 Sustain

- **develop new territorial approaches to help customers being more sustainable**
 - innovate through circular economy, identify industrial synergies & effective business alliances
 - implement comprehensive stakeholder engagement
 - provide support in climate risk assessment, benchmark human & labor rights practices

STAKEHOLDER ENGAGEMENT: A KEY LEVER TO IMPROVE THE BUSINESS

Objective to have 100 % of industrial activities covered by a suitable dialogue & consultation mechanism by 2020

2018 result: 53%

Development of dedicated toolkit to support BUs

- Local context studies to identify main issues
- Stakeholder mapping for each issue, Stakeholder dialogue action plan

Training programs for

- Business Developers / Project Managers, along with ENGIE University
- Operational teams to prepare them for meetings with communities

CSR corporate team bringing operational support to projects worldwide

Support to Operations

Kathu 100MW greenfield Concentrated Solar Power project in South Africa



Sustainable Energy

- Saving 6 Mt of CO₂ over 20 years operation
- Reliably able to supply over 179,000 South African homes with stable electricity during peak demand periods

Local acceptance of the project

- Promote local development through community investment projects; and economy through local procurement and employment
- Stakeholder engagement and conflict management support given during construction period
- Project successfully delivered and started operation in early February 2019

GREEN FINANCE TO SUPPORT ENGIE'S AMBITIOUS DEVELOPMENT STRATEGY IN RENEWABLE ENERGIES AND ENERGY EFFICIENCY

Green Bond: focus on some eligible projects allocated to September 2017 issuance

Energy efficiency projects



ENGIE aimed at being at the forefront of the energy transition with the acquisition in 2018 a majority stake of Electro Power Systems (EPS), a pioneer in hybrid solution storages.

EPS is a company specialized in energy storage solutions and microgrids that enable intermittent renewable sources to be transformed into a stable power source. With the transaction, both companies aim at further accelerating their vision to be at the forefront of the energy transition, with special focus on decentralized energy solutions.

Renewable energy projects



ENGIE considerably expanded its wind development portfolio in the U.S by acquiring Infinity Renewables, a leading developer of utility-scale wind projects in the United States.

The acquisition includes more than 8,000 MW of projects in various stages of development. In end of 2018 ENGIE announced the start of construction of the 276 MW Solomon Forks Wind Project and the 196 MW East Fork Wind Project in northwest Kansas.



ENGIE confirmed in 2018 its number one position in the solar and wind energy sectors in France with the acquisition of the LANA group

Founded in 2008, the LANA group, based in Brittany, is one of the most active independent producers of renewable energy, simultaneously present in solar, wind, biogas and biomass. The group is developing 1.3 GW of projects due to be completed by 2022.



ENGIE announced on 30 January 2019 the commercial operation of the 100 MW Kathu Solar Park in South Africa.

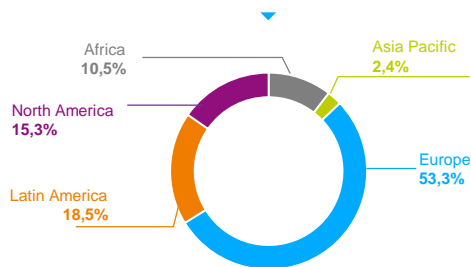
This state of the art plant is a greenfield Concentrated Solar Power (CSP) project with parabolic trough technology and equipped with a molten salt storage system that allows for 4.5 hours of thermal energy storage to provide reliable electricity in the absence of solar radiation and during peak demand. Kathu is the first CSP development for ENGIE.

PROGRESS ON GREEN BOND ALLOCATION

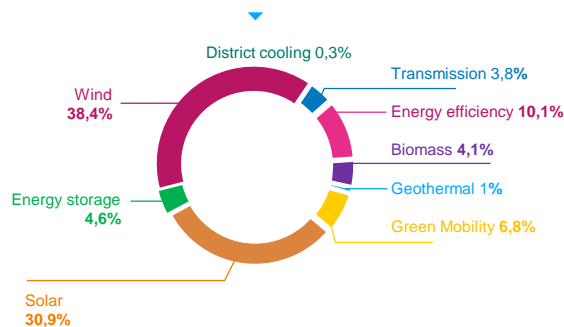
Bonds	Amount issuance [bnEUR]	Allocation period	Reporting	Impact (@100%) [MTCO ₂]/year*
January 2019	1	NEW		
January 2018	1	2018 - 2019		
September 2017	1.25	2017 - 2018	2018 Registration document (ongoing)	
March 2017	1.5	2016 - 2017	2017 Registration document	3.3
May 2014	2.5	2014 - 2016	2015 and 2016 Registration document	8.7

€1.25bn Green Bond issued in September 2017 fully allocated **

% FUNDS ALLOCATED BY GEOGRAPHICAL AREA



% FUNDS ALLOCATED BY TECHNOLOGY



* projects' contributions to avoided or reduced emissions

**provisional allocation before validation by auditors 25