CO₂ EMISSIONS: A -10% DROP IN 2016 VS 2015 IN DIRECT EMISSIONS DUE TO DECREASING COAL AND NUCLEAR INCREASE

2016 - UNAUDITED FIGURES

CIRCLE CHART: COVERAGE OF CO₂ EMISSIONS

- 120 millions of tons of CO₂ (scope 1)
- 29% Asia Pacific
- 6% Middle East, South&Central...
- 4% Brazil
- 10% Latin America
- 11% North America
- 1% North, South and Eastern Europe
- 0% UK
- 0% Benelux
- 1% Global LNG
- 4% France (B2B,B2C, Renewables, Networks)
- 2% Infrastructures
- 1% Exploration & Production International

IN mt

Direct emissions (scope 1) of greenhouse gases in 2016: 120
Of which direct emissions (scope 1) of greenhouse gases under the EU-ETS system: 43
Allocation of bonus quotas: 4.1
CO₂ EMISSIONS RATIO: A -12% DROP IN 2016 VS 2015 DUE TO DECREASING COAL AND NUCLEAR INCREASE POSITIONING ENGIE AMONG THE LOW-EMISSION PRODUCERS

EUROPE

ENGIE significantly reduced its CO₂ emissions ratio (-21%) in Europe from 377 (in 2015) to 298 (in 2016) kg CO₂/MWh.

Specific emissions linked to electricity production in Europe position ENGIE close to the European average.

WORLD

Group’s specific emission ratio 20% below world average ratio(1)

2020 target: To reduce the CO₂ specific emission ratio of power and associated heat generation fleet throughout the world by 20% between 2012 and 2020.

Actions

- No new coal generation project
- Replacing high emitting plants by top performing units
- Selective development in renewables

2016 situation: -11% vs 2012 (2)

(1) Source: AIE 2014
(2) 393 kgCO₂eq/MWh in 2016 vs 443 kgCO₂eq/MWh in 2012 (excluding SUEZ)