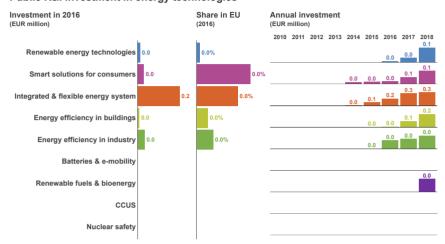
Total R&I investment in energy technologies

(EUR million, 2016)



Public R&I investment in energy technologies



^{*} Data not available for batteries & e-mobility

(c) JRC 2020; adapted from IEA RD&D Statistics (2019 edition of the Energy technology RD&D budgets database) and own data collection

Private R&I investment in energy technologies

Investment in 2016 Share in EU Annual investment (2016) (EUR million) 2011 2012 2014 Renewable energy technologies Smart solutions for consumers Integrated & flexible energy system Energy efficiency in buildings Energy efficiency in industry Batteries & e-mobility Renewable fuels & bioenergy ccus Nuclear safety (c) JRC 2020

Trends in energy technology patents

Number of inventions in 2016
Some text!

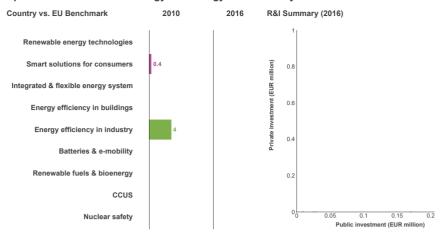
Share in EU (2016)

Number of inventions
Some text

2010 2011 2012 2013 2014 2015 2016

Renewable energy technologies
Smart solutions for consumers
Integrated & flexible energy system
Energy efficiency in buildings
Energy efficiency in industry
Batteries & e-mobility
Renewable fuels & bioenergy
CCUS
Nuclear safety

Specialisation index and energy technology R&I summary



Size of bubbles indicates number of inventions

(c) JRC based on IEA RD&D Statistics (2019 edition of the Energy technology RD&D budgets database) and EPO PATSTAT (autumn 2019)

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