

[Resource-efficient green economy and EU policies](#) [1]

This report wants to contribute to a better understanding of the green economy and all the major forces and policies involved. It predominantly focuses on improving resource efficiency from a macro-economic perspective, for which eco-innovation is a primary enabling factor. However, the spread of technologies derived from eco-innovation often is obstructed by several barriers, such as finance, knowledge, costs, markets etc. Fiscal reforms, like environmental taxes and emission trading schemes are also crucial major enabling factors, but to what extent depends on their design (rebound effects are a risk here). Furthermore, a significant amount of financial resources is needed as well to finance sustainable investments, for the green economy transition is capital-intensive and requires a long-term vision. The financial crisis set back this transition, because it fostered short-term, economic thinking, which needs to be overcome in order to succeed.

Format:

Report

Author names:

Roberto Zoboli, Susanna Paleari, Giovanni Marin, Massimiliano Mazzanti, Francesco Nicolli, Anna Montini, Valeria Miceli, Stefan Speck

Length (pp):

112

Year:

2014

URL:

<http://www.eea.europa.eu/publications/resourceefficient-green-economy-and-eu> [2]

Source:

EEA

Type of evidence:

- [Models/scenario building](#) [3]
- [Studies/reports](#) [4]

Sectors:

- [Manufacturing](#) [5]

- [Services](#) [6]

Policy changes:

- [Tax and other economic incentives](#) [7]
- [Research and innovation policy](#) [8]
- [Information campaigns/labels](#) [9]

Expected changes of economic processes:

- [Efficient use of resources](#) [10]
- [More recycling and use of recycled materials](#) [11]
- [Remanufacturing, refurbishment and reuse of products and components](#) [12]
- [Utilisation of renewable energy sources](#) [13]

Indirect effects on the economy:

- [Other](#) [14]

Environmental impacts:

- [Use of resources](#) [15]
- [Pollution](#) [16]
- [Biodiversity](#) [17]
- [Landscape](#) [18]

Economic impacts:

- [Growth](#) [19]
- [Investment](#) [20]
- [Employment](#) [21]
- [Economic structure](#) [22]
- [Other](#) [23]

Time frame for impacts to materialize:

- [Long term \(over 5 years\)](#) [24]

Enabling factors:

- [Technological development and cost of technologies](#) [25]
- [Changes to corporate culture](#) [26]
- [Regulatory environment](#) [27]
- [Other](#) [28]

Administrative level:

- [EU](#) [29]
- [National](#) [30]

Method of valuation:

- [Qualitative assessment](#) [31]
- [Quantitative assessment](#) [32]
- [Monetisation](#) [33]

Excel ID:

i00009



The CIRCULAR IMPACTS project has received funding from the European Union's Horizon 2020 Programme for Research and Innovation under the Grant Agreement no. 730316.

Source URL: <https://circular-impacts.eu/library/1234>

Links

- [1] <https://circular-impacts.eu/library/1234>
- [2] <http://www.eea.europa.eu/publications/resourceefficient-green-economy-and-eu>
- [3] <https://circular-impacts.eu/type-evidence/modelsscenario-building>
- [4] <https://circular-impacts.eu/type-evidence/studiesreports>
- [5] <https://circular-impacts.eu/sectors/manufacturing>
- [6] <https://circular-impacts.eu/sectors/services>
- [7] <https://circular-impacts.eu/policy-changes/tax-and-other-economic-incentives>
- [8] <https://circular-impacts.eu/policy-changes/research-and-innovation-policy>
- [9] <https://circular-impacts.eu/policy-changes/information-campaignslabels>
- [10] <https://circular-impacts.eu/expected-changes-economic-processes/efficient-use-resources>
- [11] <https://circular-impacts.eu/expected-changes-economic-processes/more-recycling-and-use-recycled-materials>
- [12] <https://circular-impacts.eu/expected-changes-economic-processes/remanufacturing-refurbishment-and-reuse-products-and-components>
- [13] <https://circular-impacts.eu/expected-changes-economic-processes/utilisation-renewable-energy-sources>
- [14] <https://circular-impacts.eu/indirect-effects-economy/other>
- [15] <https://circular-impacts.eu/environmental-impacts/use-resources>
- [16] <https://circular-impacts.eu/environmental-impacts/pollution>
- [17] <https://circular-impacts.eu/environmental-impacts/biodiversity>
- [18] <https://circular-impacts.eu/environmental-impacts/landscape>
- [19] <https://circular-impacts.eu/economic-impacts/growth>
- [20] <https://circular-impacts.eu/economic-impacts/investment>
- [21] <https://circular-impacts.eu/economic-impacts/employment>
- [22] <https://circular-impacts.eu/economic-impacts/economic-structure>
- [23] <https://circular-impacts.eu/economic-impacts/other>
- [24] <https://circular-impacts.eu/time-frame-impacts-materialize/long-term-over-5-years>
- [25] <https://circular-impacts.eu/enabling-factors/technological-development-and-cost-technologies>
- [26] <https://circular-impacts.eu/enabling-factors/changes-corporate-culture>
- [27] <https://circular-impacts.eu/enabling-factors/regulatory-environment>
- [28] <https://circular-impacts.eu/enabling-factors/other>
- [29] <https://circular-impacts.eu/administrative-level/eu>
- [30] <https://circular-impacts.eu/administrative-level/national>
- [31] <https://circular-impacts.eu/method-valuation/qualitative-assessment>
- [32] <https://circular-impacts.eu/method-valuation/quantitative-assessment>
- [33] <https://circular-impacts.eu/method-valuation/monetisation>