

Methodology for climate tracking under the Facility

Contribution to climate objectives

Recovery and Resilience Plans have to justify to what extent each measure contributes fully (100%), partly (40%) or has no impact (0%) on climate objectives, using the Annex VI in the RRF Regulation. Combining the coefficients with the cost estimates allows assessing the contribution to climate objectives for each measure. The total contribution to climate objectives needs to be at least 37% in order for a Recovery and Resilience Plan to comply with the related assessment criterion in the RRF Regulation.

The table in Annex VI of the RRF Regulation shows all intervention fields, which correspond to the eleven policy areas in the chart.

Intervention table

Code	Intervention field	Coefficient for the calculation of support to climate change objectives
Policy area: Other climate change mitigation		
010ter	Digitising SMEs or large enterprises (including e-Commerce, e-Business and networked business processes, digital innovation hubs, living labs, web entrepreneurs and ICT start-ups, B2B) compliant with GHG emission reduction or energy efficiency criteria ¹	40%
011bis	Government ICT solutions, e-services, applications compliant with GHG emission reduction or energy efficiency criteria ¹	40%
027	Support to enterprises that provide services contributing to the low carbon economy and to resilience to climate change including awareness-raising measures	100%
055bis	ICT: Other types of ICT infrastructure (including large-scale computer resources/equipment, data centres, sensors and other wireless equipment) compliant with the carbon emission reduction and energy efficiency criteria ¹	40%
Policy area: R&D&I		
022	Research and innovation processes, technology transfer and cooperation between enterprises focusing on the low carbon economy, resilience and adaptation to climate change	100%
023	Research and innovation processes, technology transfer and cooperation between enterprises focusing on circular economy	40%
Policy area: Energy efficiency		
024	Energy efficiency and demonstration projects in SMEs and supporting measures	40%
024bis	Energy efficiency and demonstration projects in large enterprises and supporting measures	40%
024ter	Energy efficiency and demonstration projects in SMEs or large enterprises and supporting measures compliant with energy efficiency criteria ²	100%
025	Energy efficiency renovation of existing housing stock, demonstration projects and supporting measures	40%
025bis	Energy efficiency renovation of existing housing stock, demonstration projects and supporting measures compliant with energy efficiency criteria ³	100%
025ter	Construction of new energy efficient buildings ⁴	40%
026	Energy efficiency renovation or energy efficiency measures regarding public infrastructure, demonstration projects and supporting measures	40%
026bis	Energy efficiency renovation or energy efficiency measures regarding public infrastructure, demonstration projects and supporting measures compliant with energy efficiency criteria ⁵	100%
Policy area: Renewable energy and networks		
028	Renewable energy: wind	100%
029	Renewable energy: solar	100%
030	Renewable energy: biomass ⁶	40%
030bis	Renewable energy: biomass with high GHG savings ⁷	100%
031	Renewable energy: marine	100%
032	Other renewable energy (including geothermal energy)	100%

033	Smart Energy Systems (including smart grids and ICT systems) and related storage.	100%
034	High efficiency co-generation, district heating and cooling	40%
034bis0	High efficiency co-generation, efficient district heating and cooling with low lifecycle emissions ⁸	100%
Policy area: Climate change adaptation		
035	Adaptation to climate change measures and prevention and management of climate related risks: floods (including awareness raising, civil protection and disaster management systems, infrastructures and ecosystem based approaches)	100%
036	Adaptation to climate change measures and prevention and management of climate related risks: fires (including awareness raising, civil protection and disaster management systems, infrastructures and ecosystem based approaches)	100%
037	Adaptation to climate change measures and prevention and management of climate related risks	100%
138	Outermost regions: support to compensate additional costs due to climate conditions and relief difficulties	40%
Policy area: Sustainable use and protection of water and marine resources		
039bis	Provision of water for human consumption (extraction, treatment, storage and distribution infrastructure, efficiency measures, drinking water supply) compliant with efficiency criteria ⁹	40%
040	Water management and water resource conservation (including river basin management, specific climate change adaptation measures, reuse, leakage reduction)	40%
041bis	Waste water collection and treatment compliant with energy efficiency criteria ¹⁰	40%
Policy area: Transition to a circular economy		
042	Household waste management: prevention, minimisation, sorting, reuse, recycling measures	40%
044	Commercial, industrial waste management: prevention, minimisation, sorting, reuse, recycling measures	40%
045bis	Use of recycled materials as raw materials compliant with the efficiency criteria ¹¹	100%
046bis	Rehabilitation of industrial sites and contaminated land compliant with efficiency criteria ¹²	40%
047	Support to environmentally-friendly production processes and resource efficiency in SMEs	40%
047bis	Support to environmentally-friendly production processes and resource efficiency in large enterprises	40%
Policy area: Pollution prevention and control		
048	Air quality and noise reduction measures	40%
Policy area: Protection and restoration of biodiversity and ecosystems		
049	Protection, restoration and sustainable use of Natura 2000 sites.	40%
050	Nature and biodiversity protection, natural heritage and resources, green and blue infrastructure	40%
Policy area: Sustainable mobility		
063bis	Digitalisation of transport when dedicated in part to GHG emissions reduction: road	40%
064	Newly built or upgraded railways - TEN-T core network	100%
065	Newly built or upgraded railways - TEN-T comprehensive network	100%
066	Other newly or upgraded built railways	40%
066bis	Other newly or upgraded built railways – electric/zero emission ¹³	100%
067	Reconstructed or modernised railways - TEN-T core network	100%
068	Reconstructed or modernised railways - TEN-T comprehensive network	100%
069	Other reconstructed or modernised railways	40%
069bis	Other reconstructed or modernised railways – electric/zero emission ¹³	100%
070	Digitalisation of transport: rail	40%
071	European Rail Traffic Management System (ERTMS)	40%
072bis	Mobile zero emission/electric powered rail assets ¹⁴	100%
073	Clean urban transport infrastructure ¹⁵	100%
074	Clean urban transport rolling stock ¹⁶	100%
075	Cycling infrastructure	100%
076bis	Digitalisation of transport when dedicated in part to GHG emissions reduction: urban transport	40%
077	Alternative fuels infrastructure ¹⁷	100%
078	Multimodal transport (TEN-T)	40%
079	Multimodal transport (not urban)	40%
080bis	Seaports (TEN-T) excluding facilities dedicated to transport of fossil fuels	40%
081bis	Other seaports excluding facilities dedicated to transport of fossil fuels	40%
082bis	Inland waterways and ports (TEN-T) excluding facilities dedicated to transport of fossil fuels	40%

083bis0	Inland waterways and ports (regional and local) excluding facilities dedicated to transport of fossil fuels	40%
084bis	Digitising transport when dedicated in part to GHG emissions reduction: other transport modes	40%
ADHOC	Zero emission vehicles	100%
ADHOC	Low emission vehicles	40%
Policy area: Green skills and jobs		
01	Contributing to green skills and jobs and the green economy	100%

- 1 If the objective of the measure is that the activity has to process or collect data to enable GHG emission reductions that result in demonstrated substantial life-cycle GHG emissions savings. If the objective of the measure requires data centres to comply with “European Code of Conduct on Data Centre Energy Efficiency”
- 2 If the objective of the measure is to achieve, on average, at least a medium-depth level renovation as defined in Commission Recommendation on Building Renovation (EU) 2019/786 or (b) if the objective of the measures is to achieve, on average, at least a 30% reduction of direct and indirect GHG emissions compared to the ex-ante emissions.
- 3 If the objective of the measure is to achieve, on average, at least a medium-depth level renovation as defined in Commission Recommendation on Building Renovation (EU) 2019/786. The renovation of buildings is also meant to include infrastructure in the sense of intervention fields 85 to 92.
- 4 If the objective of the measures concerns the construction of new buildings with a Primary Energy Demand (PED) that is at least 20% lower than the NZEB requirement (nearly zero-energy building, national directives). The construction of new energy efficient buildings is also meant to include infrastructure in the sense of intervention fields 85 to 92.
- 5 If the objective of the measure is (a) to achieve, on average, at least a medium-depth level renovation as defined in Commission Recommendation on Building Renovation (EU) 2019/786 or (b) to achieve, on average, at least a 30% reduction of direct and indirect GHG emissions compared to the ex-ante emissions. The renovation of buildings is also meant to include infrastructure in the sense of intervention fields 85 to 92.
- 6 If the objective of the measure relates to the production of electricity or heat from biomass, in line with Directive (EU) 2018/2001.
- 7 If the objective of the measure relates to the production of electricity or heat from biomass, in line with Directive (EU) 2018/2001; and if the objective of the measure is to achieve at least 80% GHG emission savings at the facility from the use of biomass in relation to the GHG saving methodology and the relative fossil fuel comparator set out in Annex VI to Directive (EU) 2018/2001. If the objective of the measure relates to the production of biofuel from biomass (excluding food and feed crops), in line with Directive (EU) 2018/2001; and if the objective of the measure is to achieve at least 65% GHG emission savings at the facility from the use of biomass for this purpose in relation to the GHG saving methodology and the relative fossil fuel comparator set out in Annex V to Directive (EU).
- 8 In case of high-efficiency cogeneration, if the objective of the measure is to achieve life cycle emissions that are lower than 100gCO₂e/kWh or heat/cool produced from waste heat. In case of district heating/cooling, if the associated infrastructure follows the EU Energy Efficiency Directive, or the existing infrastructure is refurbished to meet the definition of the efficient district heating and cooling, or the project is an advanced pilot system (control and energy management systems, Internet of Things) or leads to a lower temperature regime in the district heating and cooling system.
- 9 If the objective of the measure is for the constructed system to have an average energy consumption of ≤ 0.5 kWh or an Infrastructure Leakage Index (ILI) of ≤ 1.5, and for the renovation activity to decrease the average energy consumption by more than 20% or decrease leakage by more than 20%.
- 10 If the objective of the measure for the constructed front-to-end waste water system to have net zero energy use or for the renewal of the front-to-end waste water system to lead to a decreased average energy use by at least 10% (solely by energy efficiency measures and not by material changes or changes in load).
- 11 If the objective of the measure is to convert at least 50%, in terms of weight, of the processed separately collected non-hazardous waste into secondary raw materials.
- 12 If the objective of the measure is to turn industrial sites and contaminated land into a natural carbon sink.
- 13 If the objective of the measure relates to electrified trackside and associated subsystems or if there is a plan for electrification or it will be fit for use by zero tailpipe emission trains within 10 years.
Also applies to bi-mode trains
- 14 Clean urban transport infrastructure refers to infrastructure that enables the operation of zero-emission rolling stock.
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- 17 If the objective of the measure is in line with Directive (EU) 2018/2001