

ERDF and Cohesion Fund Common Indicators 2021+

POLICY OBJECTIVE 2: Greener Europe

Specific Objective 2.i: Promoting energy efficiency measures and reducing greenhouse emissions

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO18
2	Indicator name	Dwellings with improved energy performance
3	Measurement unit	dwellings
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.i Energy efficiency
10	Definition and concepts	<p>Number of dwellings with improved energy performance due to the financial support provided. Improved energy performance is to be understood in terms of an improvement in the energy classification of the dwelling by at least one energy class, and it is to be documented based on energy performance certificates (EPC). The energy classification considered follows the definition in the national Energy Performance Certificate, in line with the Directive 2010/31/EU.</p> <p>A dwelling is defined as "a room or a suite of rooms in a permanent building or a structurally separated part of a building which (...) is designed for habitation of one private household all year around." (<i>see ESTAT online in references</i>). The indicator covers also social housing.</p>
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of output and issuance of the energy performance certificate.
13	Aggregation issues	
14	Reporting	<p><i>Rule 1: Reporting by specific objective</i></p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	ESTAT online - Housing Statistics, in Statistics Explained Directive 2010/31/EU of the European Parliament and the Council on the energy performance of buildings.
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO19
2	Indicator name	Public buildings with improved energy performance
3	Measurement unit	square metres
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.i Energy efficiency
10	Definition and concepts	<p>Net floor area of public buildings which achieve better energy performance due to the support received. Improved energy performance is to be understood in terms of an improvement in the energy classification of the dwelling by at least one energy class, and it is to be documented based on energy performance certificates (EPC). The energy classification considered follows the definition in the national Energy Performance Certificate, in line with the Directive 2010/31/EU.</p> <p>Public buildings are defined as buildings owned by public authorities and buildings owned by a non-profit organisation, provided that such bodies pursue objectives of general interest such as education, health, environment and transport. Examples include building for public administration, schools, hospitals etc.</p> <p>The indicator does not cover social housing (as this is included in RCO18).</p>
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of output and issuance of the energy performance certificate.
13	Aggregation issues	
14	Reporting	<i>Rule 1: Reporting by specific objective Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	Directive 2010/31/EU of the European Parliament and the Council on the energy performance of buildings.
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO20
2	Indicator name	District heating and cooling network lines newly constructed and improved
3	Measurement unit	km
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.i Energy efficiency
10	Definition and concepts	<p>Length of district heating and cooling network lines newly constructed or improved in terms of energy performance. Improved energy performance refers to the efficiency of the heating and cooling network lines as documented by the technical specifications for the network lines which are being modernised or newly built.</p> <p><i>For further technical details on energy efficiency of district heating and cooling networks see Directive 2012/27/EU in references.</i></p>
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of output in the supported project
13	Aggregation issues	<p>Rule 1: Remove double counting at the level of the specific objective</p> <p><i>If the same network line is financed by multiple forms of support (ex: grants and financial instruments) in the same specific objective, it should be counted once.</i></p>
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Directive 2012/27/EU of the European Parliament and the Council on energy efficiency.
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO104
2	Indicator name	Number of high efficiency co-generation units
3	Measurement unit	co-generation units
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.i Energy efficiency
10	Definition and concepts	Number of high efficiency cogeneration units supported. High efficiency cogeneration is defined by the energy savings obtained by combined production instead of separate production of heat and electricity. Energy savings of more than 10 % qualify for the term 'high-efficiency cogeneration'. (<i>Directive 2004/8/EC in references</i>)
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of output in the supported project.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	Directive 2004/8/EC of the European Parliament and of the Council on the promotion of cogeneration based on a useful heat demand in the internal energy market and amending Directive 92/42/EEC
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR26
2	Indicator name	Annual primary energy consumption (of which: dwellings, public buildings, enterprises, other)
3	Measurement unit	MWh/year
4	Type of indicator	result
5	Baseline	>0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.i Energy efficiency
10	Definition and concepts	<p>Total annual primary energy consumption for supported entities. The baseline refers to the annual primary energy consumption before the intervention, and the achieved value refers to the annual primary energy consumption for the year after the intervention. For buildings, both values are to be documented based on energy performance certificates, in line with the Directive 2010/31/EU. For processes in enterprises, the annual primary energy consumption is to be documented based on energy audits or other relevant technical specifications.</p> <p>Public buildings are defined as buildings owned by public authorities and buildings owned by a non-profit organisation, provided that such bodies pursue objectives of general interest such as education, health, environment and transport. Examples include building for public administration, schools, hospitals etc.</p>
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of output and issuance of the energy performance certificate, energy audit or other relevant technical specification.
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3). Disaggregation by type of entities supported is to be reported only for achieved values.</i></p>
15	References	Directive 2010/31/EU of the European Parliament and the Council on the energy performance of buildings.
16	Corresponding corporate indicator	CCR05
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR29
2	Indicator name	Estimated greenhouse emissions
3	Measurement unit	tons of CO2eq/year
4	Type of indicator	result
5	Baseline	>0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	Total estimated GHG emissions for the entities or processes supported. The baseline refers to the level of estimated GHG emissions during the year before the intervention starts, and the achieved value is calculated as the total estimated GHG emissions based on the achieved level of energy performance during the year after the completion of the intervention.
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of the intervention and availability of energy performance certificates, energy audits or other relevant technical specifications.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	The indicator is to be used when the objective of the intervention is to reduce GHG emissions.
18	Examples	

Specific Objective 2.ii: Promoting renewable energy

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO22
2	Indicator name	Additional production capacity for renewable energy (of which: electricity, thermal)
3	Measurement unit	MW
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.ii Renewable energy
10	Definition and concepts	<p>Additional production capacity for renewable energy built or extended due to the support. Production capacity is understood as maximum installed power. Renewable energy means "energy from renewable non-fossil sources namely wind, solar (thermal and photovoltaic) and geothermal energy, ambient energy, tide, wave and other ocean energy, hydropower, biomass, landfill gas, sewage treatment plant gas, and biogas." (see Directive 2018/2011).</p> <p>The disaggregation in electricity and thermal refers to the source of energy.</p>
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of output from the supported project
13	Aggregation issues	<p>Rule 1: Remove double counting at the level of the specific objective</p> <p><i>If the capacity is financed by multiple forms of support (ex: grants and financial instruments) in the same specific objective, it should be counted once.</i></p>
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3). Disaggregation by source of energy is to be reported only for achieved values.</i></p>
15	References	Directive 2018/2001 of the European Parliament and the Council on the promotion of the use of energy from renewable sources
16	Corresponding corporate indicator	CCO07
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO97
2	Indicator name	Renewable energy communities supported
3	Measurement unit	renewable energy communities
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	<p>Number of renewable energy communities supported. A renewable energy community means a legal entity which fulfills the following three conditions:</p> <p>a) is based on open and voluntary participation, is autonomous and effectively controlled by shareholders or members that are located in the proximity of the renewable energy projects that are owned and developed by that legal entity;</p> <p>b) its shareholders or members are natural persons, SMEs or local authorities, including municipalities;</p> <p>c) its primary purpose is to provide environmental, economic or social community benefits for its shareholders or members or for the local areas where it operates, rather than financial profits. (see Directive 2018/2001 in references)</p> <p>For the definition of renewable energy see RCO22.</p>
11	Data collection	Supported projects
12	Time measurement achieved	Upon completion of output from the supported project
13	Aggregation issues	<p>Rule 1: Remove double counting at the level of the specific objective</p> <p><i>If the capacity is financed by multiple forms of support (ex: grants and financial instruments) in the same specific objective, it should be counted once.</i></p>
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Directive 2018/2001 of the European Parliament and the Council on the promotion of the use of energy from renewable sources
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR31
2	Indicator name	Total renewable energy produced (of which: electricity, thermal)
3	Measurement unit	MWh/year
4	Type of indicator	result
5	Baseline	>=0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.ii Renewable energy
10	Definition and concepts	<p>Annual renewable energy produced before and after the intervention in supported projects. The baseline refers to the annual energy produced in the year before the intervention starts, and it can be non-zero in cases where production capacity is extended. The achieved value is the annual energy produced in the year after the intervention is completed. The disaggregation by electricity and thermal refers to the source of the renewable energy.</p> <p>For the definition of renewable energy see RCO22.</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of the output in the supported project.
13	Aggregation issues	<p>Rule 1: Remove double counting at the level of the specific objective</p> <p><i>If the capacity is financed by multiple forms of support (ex: grants and financial instruments) in the same specific objective, it should be counted once.</i></p>
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3). Disaggregation in electricity and thermal is to be reported only for achieved values.</i></p>
15	References	
16	Corresponding corporate indicator	CCR06
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR32
2	Indicator name	Additional operational capacity installed for renewable energy
3	Measurement unit	MW
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	Additional capacity installed for renewable energy due to the support provided, and which is operational (i.e. connected to the grid (if applicable) and fully ready to produce or already producing energy). For the definition of renewable energy see RCO22.
11	Data collection	Supported projects
12	Time measurement	As soon as the production capacity is operational (i.e. ready to produce or already producing energy).
13	Aggregation issues	Rule 1: Remove double counting at the level of the specific objective <i>If the capacity is financed by multiple forms of support (ex: grants and financial instruments) in the same specific objective, it should be counted once.</i>
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Specific Objective 2.iii: Developing smart energy systems, grids and storage outside TEN-E

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO23
2	Indicator name	Digital management systems for smart energy systems
3	Measurement unit	systems
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iii Smart energy systems
10	Definition and concepts	<p>The number of digital management systems created or upgraded significantly for smart energy systems. Smart energy systems, including smart electricity distribution grids, refer to integration in a cost efficient manner of the behaviour and actions of all users connected in order to ensure an economically efficient and sustainable power system with low losses and high levels of quality, security of supply and safety. Electricity distribution refers to the "final mile" in the delivery of electricity, the link between the transmission system and electricity consumers. Significant upgrading refers to new functionalities of the digital management system.</p> <p>(see Regulation 347/2013 in references)</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	<p>Rule 1: Remove double counting at the level of the specific objective</p> <p><i>If the same system is financed by several projects in the same specific objective, it should be counted once.</i></p>
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Regulation (EU) 347/2013 of the European Parliament and of the Council on guidelines for trans-European energy infrastructure and repealing Decision No 1364/2006/EC and amending Regulation (EC) No 714/2009 and (EC) No 715/2009
16	Corresponding corporate indicator	CCO08
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO105
2	Indicator name	Solutions for electricity storage
3	Measurement unit	MWh
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iii Smart energy systems
10	Definition and concepts	Storage capacity for electricity created or expanded due to the support provided.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR33
2	Indicator name	Users connected to smart energy systems
3	Measurement unit	end users/ year
4	Type of indicator	result
5	Baseline	>=0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iii Smart energy systems
10	Definition and concepts	<p>Annual end users connected to smart energy systems, including smart electricity distribution grids supported by the projects. End users may include private and collective households, enterprises etc. For an existing energy system which is upgraded/ expanded, the baseline refers to the number of annual users in the year before the intervention starts, and the achieved value is the number of annual users in the year following the completion of the physical investment. For an energy system newly created with the project supported, the baseline is 0.</p> <p>For smart energy systems see indicator RCO23.</p>
11	Data collection	Supported projects
12	Time measurement	One year after the completion of the output in the supported projects.
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	
16	Corresponding corporate indicator	CCR07
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR34
2	Indicator name	Roll-out of projects for smart energy systems
3	Measurement unit	projects
4	Type of indicator	result
5	Baseline	
6	Milestone 2024	
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iii Smart energy systems
10	Definition and concepts	The number of projects for smart energy systems which are created with the project supported and which are rolled out in other areas or upscaled during the first year after the completion of the intervention. In order to count as achieved value, the upscaling of the project needs to start effectively during the year after the completion of output, but not necessarily completed.
11	Data collection	Supported projects
12	Time measurement	One year after the completion of the output in the supported projects.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Specific Objective 2.iv: Promoting climate change adaptation, risk prevention and disaster resilience

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO24
2	Indicator name	Investments in new or upgraded disaster monitoring, preparedness, warning and response systems
3	Measurement unit	euro
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	<p>Total value of investments in projects supporting the development or upgrading of disaster monitoring, preparedness, warning and response systems. Upgrading should refer primarily to new functionalities or to upscaling of existing systems at national and regional levels. The indicator covers also cross-border and transnational investments in such measures / actions.</p> <p>The indicator covers primarily interventions at national and regional level which are not disaster specific or which are not covered by the related common indicators for floods (RCO25, RCO105), wildfires (RCO28).</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	
16	Corresponding corporate indicator	CCO09
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO25
2	Indicator name	Coastal strip, river bank and lakeshore flood protection newly built or consolidated
3	Measurement unit	km
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	Length of coastal strip, riverbanks, and lakeshore protected against extreme weather events. Protection infrastructure supported should be newly built or consolidated significantly.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO106
2	Indicator name	Landslide protection newly built or consolidated
3	Measurement unit	hectares
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	Area of landslide protection newly built or consolidated significantly through the supported projects.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO26
2	Indicator name	Green infrastructure built or upgraded for adaptation to climate change
3	Measurement unit	hectares
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	Area of green infrastructure newly built or upgraded significantly in order to enhance adaptation to climate change, for instance by strengthening protection to floods and preventing soil erosion. The indicator also covers afforestation and blue infrastructure. (see Naumann et al (2011) in references)
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	<i>Neumann et al (2011) - Assessment of the potential of ecosystem-based approaches to climate change adaptation and mitigation in Europe, study financed by the European Commission, available online</i>
16	Corresponding corporate indicator	
17	Notes	This indicator is meant to be used if the main objective with the new or upgraded green infrastructure is adaptation to climate change.
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO27
2	Indicator name	National and sub-national strategies addressing climate change adaptation
3	Measurement unit	strategies
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	Number of national and sub-national strategies addressing climate change adaptation for which the costs are financed by the supported projects. The indicator covers strategies that are adopted. The indicator covers also strategies for water management.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	Rule 1: Remove double counting at the level of the specific objective <i>If the same strategy is financed by several projects in the same specific objective, it should be counted once.</i>
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO28
2	Indicator name	Area covered by protection measures against wildfires
3	Measurement unit	hectares
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	Surface area covered by protection measures against wildfires developed or significantly upgraded through supported projects. Significant upgrades refer, for example, to new functionalities for protection or upscaling of existing protection measures.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	In order to prevent an overlap with indicator RCO26 (green infrastructure), afforestation measures are not included in RCO28 for protection measures against wildfires.
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR35
2	Indicator name	Population benefiting from flood protection measures
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	Population living in areas where protection infrastructure (including also green infrastructure for adaptation to climate change) is built or significantly upgraded in order to reduce vulnerability to flood risks.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	Rule 1: Remove double counting at the level of the specific objective <i>Population in a given area should be counted once even if covered by several projects financed in the same specific objective.</i>
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	CCR08
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR36
2	Indicator name	Population benefiting from wildfire protection measures
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	Population living in areas exposed to wildfire risks and where vulnerability to wildfires decreases as a result of the supported projects. The indicator covers protection measures which are clearly localised in high risk areas and which address directly wildfires risks, as opposed to more general measures implemented at national or regional level.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	Rule 1: Remove double counting at the level of the specific objective <i>Population in a given area should be counted once even if covered by several projects financed in the same specific objective.</i>
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	CCR08
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR37
2	Indicator name	Population benefiting from protection measures against climate related natural disaster (other than flood and wildfires)
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	Population living in areas exposed to climate related natural risks, other than floods and wildfires, and where vulnerability to such risks decreases as a result of the supported projects. The indicator covers protection measures which are clearly localised in high risk areas and which address directly the specific risks, as opposed to more general measures implemented at national or regional level.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	Rule 1: Remove double counting at the level of the specific objective <i>Population in a given area should be counted once even if covered by several projects financed in the same specific objective.</i>
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	CCR08
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR96
2	Indicator name	Population benefiting from protection measures against non-climate related natural risks and risks related to human activities
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Green Europe
9	Specific objective	SO 2.iv Climate change adaptation
10	Definition and concepts	Population living in areas exposed to non-climate related natural risks and risks related to human activities, and where vulnerability to such risks decreases as a result of the supported projects. The indicator covers protection measures which are clearly localised in high risk areas and which address directly the specific risks, as opposed to more general measures implemented at national or regional level.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	Rule 1: Remove double counting at the level of the specific objective <i>Population in a given area should be counted once even if covered by several projects financed in the same specific objective.</i>
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Specific Objective 2.v: Promoting sustainable water management

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO30
2	Indicator name	Length of new or upgraded pipes for the distribution systems of public water supply
3	Measurement unit	km
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	The length of new or upgraded pipes for the distribution of public water supplied. Upgrading refers to significant improvements aiming at higher quality of water and/or reduction of water losses. Maintenance and repairs are not covered. The water pipes need to be operational in order to count for the achieved values.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in supported projects
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO31
2	Indicator name	Length of new or upgraded pipes for the public network for collection of waste water
3	Measurement unit	km
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	Length of new or upgraded pipes for the public network for waste water collection. Upgrading refers to significant improvements aiming elimination of leakages etc. Maintenance and repairs are not covered. The waste water pipes need to be operational in order to count for the achieved values. The indicator covers also storm water management. <i>(see Council Directive 19/271/EC in references)</i>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in supported projects
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	<i>Council Directive 19/271/EC concerning urban waste water treatment</i>
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO32
2	Indicator name	New or upgraded capacity for waste water treatment
3	Measurement unit	population equivalent
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	<p>Additional capacity for waste water treatment newly installed or substantially upgraded through the supported projects. Upgraded capacity refers to significant improvements in the waste water treatment method (ex: from primary to secondary treatment).</p> <p>Population equivalent (1 p.e.) is defined as the organic biodegradable load having a five-day biochemical oxygen demand (BOD) of 60 g oxygen per day. (See Council Directive 91/271/EC in references)</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	<i>Council Directive 19/271/EC concerning urban waste water treatment</i>
16	Corresponding corporate indicator	CCO10
17	Notes	
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR41
2	Indicator name	Population connected to improved public water supply
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	Population connected to improved public water supply as a result of the implemented project. Improved water supply is interpreted in terms of access (i.e. new connections to the public water supply), higher volume of water delivered to consumers, reduction of water losses, and better quality of water. The EU standard for the quality of drinking water is defined in Council Directive 98/93/EC (<i>see references</i>).
11	Data collection	Supported projects
12	Time measurement	At latest one year after the completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	Council Directive 98/83/EC on the quality of water intended for human consumption.
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR42
2	Indicator name	Population connected to at least secondary public waste water treatment
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	Additional population connected to at least secondary public waste water treatment as a result of the supported projects. Secondary waste water treatment refers to the treatment of urban waste water by a process generally involving biological treatment in line with the terms of Directive 91/271/EC (see references).
11	Data collection	Supported projects.
12	Time measurement	At latest one year after the completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	<i>Council Directive 19/271/EC concerning urban waste water treatment</i>
16	Corresponding corporate indicator	CCR09
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR43
2	Indicator name	Water losses in distribution systems for public water supply
3	Measurement unit	cubic metres per year
4	Type of indicator	result
5	Baseline	>0
6	Milestone 2024	not required
7	Target 2029	>=0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	<p>Annual volume of water losses registered over a year in the distribution networks for public water supply. The indicator covers the water losses only for the pipes which are being financed through the projects implemented. The baseline refers to the annual volume of water losses for the respective pipes in the year before the intervention starts. The target refers to the annual volume of water losses in the year after the project is physically completed, and it can be zero if the intervention has a 100% success in eliminating water losses in the respective part of the network.</p> <p>The indicator will be used to calculate the percentage reduction of water losses as a result of projects supported.</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	
16	Corresponding corporate indicator	
17	Notes	The indicator is meant to be used when the objective of the intervention is to reduce water losses in a specific part of the distribution network of the public water supply.
18	Examples	

Specific Objective 2.vi: Promoting the transition to a circular economy

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO34
2	Indicator name	Additional capacity for waste recycling
3	Measurement unit	tonnes/ year
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.vi Circular economy
10	Definition and concepts	<p>Additional capacity for annual waste recycling newly built due to the supported projects. The indicator covers extensions but not maintenance of existing capacity.</p> <p>Waste recycling is to be understood as any recovery operation by which waste materials are reprocessed into products, materials or substances whether for the original or other purposes. It does not include energy recovery and the reprocessing into materials that are to be used as fuels or for backfilling operations (<i>see Directive 2008/98/EC in references</i>).</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Directive 2008/98/EC of the European Parliament and of the Council on waste
16	Corresponding corporate indicator	CCO11
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO107
2	Indicator name	Investments in facilities for separate waste collection
3	Measurement unit	euro
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.vi Circular economy
10	Definition and concepts	Total investments in supported projects for facilities for separate waste collection. Separate collection means the collection where a waste stream is kept separately by type and nature so as to facilitate a specific treatment(<i>see Directive 2008/98/EC in references</i>).
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	Directive 2008/98/EC of the European Parliament and of the Council on waste
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR103
2	Indicator name	Waste collected separately
3	Measurement unit	tonnes/year
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	<p>The indicator measures additional annual tonnage of waste collected separately due to the investments in facilities for separate collection of waste in supported projects.</p> <p>For the definition of separate collection of waste see RCO107 and Directive 2008/98/EC in references.</p>
11	Data collection	Supported projects
12	Time measurement	One year after completion of output in the supported project.
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Directive 2008/98/EC of the European Parliament and of the Council on waste
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR47
2	Indicator name	Waste recycled
3	Measurement unit	tonnes/year
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	<p>The indicator measures additional annual tonnage of waste recycled due to additional capacity created through the supported projects. The waste recycled is to be measured in terms of tonnage at the stage of preparation for recycling.</p> <p>For the definition of waste recycling see RCO34 and Directive 2008/98/EC in references.</p>
11	Data collection	Supported projects
12	Time measurement	One year after completion of output in supported projects
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Directive 2008/98/EC of the European Parliament and of the Council on waste
16	Corresponding corporate indicator	CCR10
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR48
2	Indicator name	Waste used as raw materials
3	Measurement unit	tonnes/ year
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.v Sustainable water management
10	Definition and concepts	The indicator measures additional annual tonnage of waste used as raw materials as a result of the supported projects. Reuse of waste refers to any operations by which products or components that are not waste are used again for the same purpose for which they were conceived. See, for instance, Directive 2002/06/EC for electronic and electrical equipment in references.
11	Data collection	Supported projects
12	Time measurement	One year after completion of output in supported projects
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	Directive 2008/98/EC of the European Parliament and of the Council on waste
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Specific Objective 2.vii: Enhancing nature protection and biodiversity, green infrastructure in particular in the urban environment, and reducing pollution

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO36
2	Indicator name	Green infrastructure supported for other purposes than adaptation to climate change
3	Measurement unit	hectares
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.vii Biodiversity and green infrastructure
10	Definition and concepts	<p>Surface area of green infrastructure newly built or significantly upgraded for other purposes than adaptation to climate change. Upgrades refer to significant improvements in existing green infrastructures eligible for support. Maintenance is excluded.</p> <p>Examples of green infrastructure include biodiversity-rich parks, permeable soil cover, green walls, green roofs, green schoolyards etc. (see EEA 2011 in references)</p> <p>This indicator does not cover green infrastructure supported for adaptation to climate change (covered by indicator RCO26) or investments in Natura 2000 (covered by indicator RCO37).</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	EEA (2011) - Green infrastructure and territorial cohesion, Technical report 18
16	Corresponding corporate indicator	CCO16
17	Notes	This indicator is meant to be used to reflect interventions for green infrastructure supported for other purposes than adaptation to climate change in order to prevent the overlap with the common indicator RCO26.
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO37
2	Indicator name	Surface of Natura 2000 sites covered by protection and restoration measures
3	Measurement unit	hectares
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.vii Biodiversity and green infrastructure
10	Definition and concepts	<p>Surface area of Natura 2000 sites covered by protection and restoration measures financed by the supported projects. These measures need to be in line with the prioritised action framework (PAF).</p> <p>The PAFs are strategic multiannual planning tools aimed at providing a comprehensive overview of the measures that are needed to implement the EU-wide Natura 2000 network and linking them to the corresponding EU funding instruments (see Council Directive 92/43/EEC in references).</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	<p>Rule 1: Remove double counting at the level of the specific objective</p> <p><i>A given area in a Natura 2000 site should be counted once even if covered by several projects financed in the same specific objective.</i></p>
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora.
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO38
2	Indicator name	Surface area of rehabilitated land supported
3	Measurement unit	hectares
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.vii Biodiversity and green infrastructure
10	Definition and concepts	Surface area of rehabilitated land in contaminated areas (such as, for example military sites, old and illegal landfill sites etc.) and which is made available for green areas, social housing, economic, cultural, sports or community activities etc. The interventions supported should be in accordance with the principle of environmental liability, as defined in Directive 2004/35 (<i>see references</i>).
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	<i>Directive 2004/35/CE of the European Parliament and of the Council on environmental liability with regard to the prevention and remedying of environmental damage.</i>
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO39
2	Indicator name	Area covered by systems for monitoring air pollution installed
3	Measurement unit	hectares
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.vii Biodiversity and green infrastructure
10	Definition and concepts	Surface area covered by systems for monitoring air pollution financed through the supported projects. The systems of monitoring air pollution can be new or substantially upgraded. Upgrades refer to significant improvements such as new functionalities, upscaling, or introduction of new technologies. Maintenance is excluded.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR50
2	Indicator name	Population benefiting from measures for air quality
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	<p>Population living or working in treated areas with an improved air quality. Improved air quality should be interpreted in line with the terms of Directive 2008/50/EC (see references), and it should be documented based on monitoring systems and stations for air quality. Measures for improving air quality can include, for example, green infrastructure, cleaner public transport, redirection of traffic etc.</p> <p>The measurement of air quality should be performed over a period of one year. The population can be estimated ex-post based, for example, on maps for air quality.</p>
11	Data collection	Supported projects
12	Time measurement	One year after the completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	Directive 2008/50/EC of the European Parliament and of the Council on ambient air quality and cleaner air for Europe
16	Corresponding corporate indicator	CCR11
17	Notes	The indicator is meant to be used when the objective of the intervention is to improve air quality in the respective area.
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR95
2	Indicator name	Population having access to new or improved green infrastructure
3	Measurement unit	persons
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	Population living within a 2 km radius from the public green infrastructure built or significantly upgraded in urban areas and supported by the projects (<i>see COM 2012 in references</i>).
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	<i>COM 2012 - The Multifunctionality of Green Infrastructure, European Commission, DG Environment, in-depth study March 2012</i>
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR52
2	Indicator name	Rehabilitated land used for green areas, social housing, economic or other uses
3	Measurement unit	hectares
4	Type of indicator	result
5	Baseline	0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.vii Biodiversity and green infrastructure
10	Definition and concepts	Surface area of rehabilitated land contaminated areas which is supported by the project and for which rehabilitation is complemented by an action plan adopted to redevelop and reuse the site for green areas, social housing, economic, cultural, sports or community activities.
11	Data collection	Supported projects
12	Time measurement	At latest one year after the completion of the rehabilitation process.
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Specific Objective 2.viii: Promoting sustainable multimodal urban mobility

Output and result indicators

OUTPUTS

Row ID	Field	Indicator metadata
1	Indicator code	RCO55
2	Indicator name	Length of new tram and metro lines
3	Measurement unit	km
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	<p>Length of newly built tram and metro lines financed by the supported projects. The indicator covers also the urban/suburban lines. Urban and suburban lines refer to networks that are functionally separate from the rest of the railway system and intended only for the operation of local, urban or suburban passenger services (see <i>Directive 2008/57/EC in references</i>).</p> <p>In case of interventions on the tracks of tram, metro or urban/suburban rail, length is to be interpreted in terms of track length.</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	<i>Directive 2008/57/EC of the European Parliament and of the Council on the interoperability of the rail system within the Community.</i>
16	Corresponding corporate indicator	CCO16
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO56
2	Indicator name	Length of reconstructed or modernised tram and metro lines
3	Measurement unit	km
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	<p>Length of reconstructed or modernised tram and metro lines financed by the supported projects. The indicator covers also the urban/suburban lines.</p> <p>For the definition of urban and suburban lines - see indicator RCO55 (and also <i>Directive 2008/57/EC in references</i>).</p> <p>In case of interventions on the tracks of tram, metro or urban/suburban raik, length is to be interpreted in terms of track length.</p> <p>Upgrading and modernisation refer to any significant intervention which does not amount to maintenance or repairs.</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	<i>Directive 2008/57/EC of the European Parliament and of the Council on the interoperability of the rail system within the Community.</i>
16	Corresponding corporate indicator	CCO16
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO57
2	Indicator name	Capacity of environmentally friendly rolling stock for collective public transport
3	Measurement unit	passengers
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	Passenger capacity of environmentally friendly rolling stock for collective public transport financed by supported projects. Environmentally friendly rolling stock includes low-carbon collective public transport.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in supported projects
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO58
2	Indicator name	Dedicated cycling infrastructure supported
3	Measurement unit	km
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	Length of dedicated cycling infrastructure newly built or significantly upgraded by projects supported. Dedicated cycling infrastructure includes cycling facilities separated from other roads or other parts of the same road by structural means, cycling streets, cycling tunnels etc. For cycling infrastructure with separated oneway lanes (ex: on each side of a road), the length is measured as lane length.
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO59
2	Indicator name	Alternative fuels infrastructure (refuelling/ recharging points)
3	Measurement unit	refuelling/recharging points
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	Use in all policy objectives, whenever relevant
9	Specific objective	Use in all specific objectives, whenever relevant
10	Definition and concepts	<p>Number of refuelling/ recharging points for clean vehicles financed through supported projects.</p> <p>A recharging point means an interface that is capable of charging one electric vehicle at a time or exchanging a battery of one electric vehicle at a time. A refuelling point refers to a refuelling facility for the provision of alternative fuel through a fixed or a mobile installation.</p> <p>Alternative fuel means fuels or power sources which serve, at least partly, as a substitute for fossil oil sources in the energy supply to transport and which have the potential to contribute to its decarbonisation and enhance the environmental performance of the transport sector. (see Directive 2014/94 in references).</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	<i>Directive 2014/94 /EU of the European Parliament and of the Council on the deployment of alternative fuels infrastructure</i>
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCO60
2	Indicator name	Cities and towns with new or modernised digitised urban transport systems
3	Measurement unit	cities and towns
4	Type of indicator	output
5	Baseline	0
6	Milestone 2024	>=0
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	<p>Number of cities and towns with new or modernised digitised urban transport systems financed by supported projects. The indicator covers public transport systems for passengers. For the purpose of this indicator, modernisation refers to integration of digitised transport systems, adoption of new technologies, and other significant changes for the digitalisation of the urban transport system. Maintenance or marginal improvements are excluded.</p> <p>The indicator also covers intelligent transport systems, defined as systems in which information and communication technologies are applied in the field of road transport, including infrastructure, vehicle and users, and in traffic management and mobility management, as well as for interface with other modes of transport (<i>see Directive 2010/40/EU in references</i>).</p>
11	Data collection	Supported projects
12	Time measurement	Upon completion of output in the supported project
13	Aggregation issues	<p>Rule 1: Remove double counting at the level of the specific objective <i>A city or town with several projects financed in the same specific objective should be counted once.</i></p>
14	Reporting	<p>Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	<i>Directive 2010/40/EU of the European Parliament and of the Council on the framework for the development of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport.</i>
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

RESULTS

Row ID	Field	Indicator metadata
1	Indicator code	RCR62
2	Indicator name	Annual users of new or modernised public transport
3	Measurement unit	users
4	Type of indicator	result
5	Baseline	>=0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	<p>Annual users of new or modernised public transport financed by supported projects. Public transport covers also urban and suburban lines which are not rail. Modernisation of public transport refers to significant improvements in terms of infrastructure, and access and quality of service.</p> <p>The baseline of the indicator is estimated as the number of users of the transport service in the year before the intervention starts, and it is zero for new services. The achieved value is estimated ex post as the number of users of the transport service for the year after the physical completion of the intervention.</p>
11	Data collection	Supported projects
12	Time measurement	One year after the completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	<i>Directive 2008/57/EC of the European Parliament and of the Council on the interoperability of the rail system within the Community.</i>
16	Corresponding corporate indicator	
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR63
2	Indicator name	Annual users of new or modernised tram and metro lines
3	Measurement unit	users
4	Type of indicator	result
5	Baseline	>=0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	<p>Annual users of new or modernised tram and metro lines financed by supported projects. The indicator covers also urban and suburban rail lines. Modernisation of these transport services refers to significant improvements in terms of infrastructure, and access and quality of service.</p> <p>For the definition of urban/ suburban rail lines see indicator RCO55 (<i>and Directive 2008/57/EC in references</i>).</p> <p>The baseline of the indicator refers to the number of users estimated for the transport service in the year before the intervention starts, and it is zero for new services. The achieved value is estimated ex post as the number of users of the transport service for the year after the physical completion of the intervention.</p>
11	Data collection	Supported projects
12	Time measurement	One year after the completion of output in the supported project
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective <i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	<i>Directive 2008/57/EC of the European Parliament and of the Council on the interoperability of the rail system within the Community.</i>
16	Corresponding corporate indicator	CCR15
17	Notes	
18	Examples	

Row ID	Field	Indicator metadata
1	Indicator code	RCR64
2	Indicator name	Annual users of dedicated cycling infrastructure
3	Measurement unit	users
4	Type of indicator	result
5	Baseline	>=0
6	Milestone 2024	not required
7	Target 2029	>0
8	Policy objective	PO2 Greener Europe
9	Specific objective	SO 2.viii Urban mobility
10	Definition and concepts	<p>Annual users of dedicated cycling infrastructure financed by supported projects.</p> <p>For the definition of dedicated cycling infrastructure see indicator RCO58.</p> <p>The baseline of the indicator is estimated as the annual number of users of the infrastructure for the year before the intervention starts, and it is zero for new infrastructure. The achieved values are estimated ex-post in terms of the number of users using the infrastructure for the year after the physical completion of the intervention.</p>
11	Data collection	Supported projects
12	Time measurement	One year after the completion of output in the supported project.
13	Aggregation issues	
14	Reporting	<p>Rule 1: Reporting by specific objective</p> <p><i>Forecast for selected projects and achieved values, both cumulative to date (CPR Annex VII, Table 3).</i></p>
15	References	
16	Corresponding corporate indicator	
17	Notes	
18	Examples	