European Commission

Results and
Indicators for
Development

Water Indicator Guidance

International Partnerships

Guidance on Results and Indicators for Development

General Introduction

This **Sector Indicator Guidance for intervention design** has been developed by INTPA Unit D4 Performance, Results & Evaluation; Internal Communication, Knowledge Management & Collaborative Methods, with INTPA Thematic Units, especially the Water Team from INTPA Unit F2 Environment, Sustainable Natural Resources.

It offers a handy tool for developing logical framework matrixes. It identifies clear and measurable results statements that are in line with INTPA policy priorities. It also sets out:

a) EU policy priorities;

b) UN Sustainable Development Goals (SDGs) of the 2030 Agenda and the European Consensus on Development;

c) INTPA contract management procedures; and

d) 'best management practices' sector indicators to efficiently monitor, record and evaluate progress.

Its **main objective** is to improve the quality of INTPA interventions – both in terms of intervention design and of monitoring and reporting during implementation. The term 'water', as used in this guidance, covers a broad spectrum of topics, from water, sanitation and hygiene (WASH) to water management.

The **need for this type of Sector Indicator Guidance** was identified in the process of the reporting of results and in the systematic review of action documents presented to Quality Review Group meetings. This guidance, intended for everyone involved in preparing EU-funded interventions, covers INTPA strategies in various sectors. For each sector it presents the following.

This guidance presents for each sector:

1. EU policy priorities: a short narrative explaining EU policy priorities and global commitments as described in key policy and strategic documents.

2. A results chain: a diagram showing the main results – IMPACT (overall objective), OUTCOMES (specific objectives), OUTPUTS – EU development interventions are expected to achieve in the sector, reflecting EU policy priorities and commitments.

3. List of sector indicators: examples of measurable indicators for each result statement. These may be used in logical framework matrixes at project or programme level.

1. EU Policy Priorities

The EU has long supported cooperation in the water sector in Europe and across the world. Over several decades, the EU has developed progressive policies and was a signatory to major global commitments. With the *Water Framework Directive* in 2000, EU Member States, the Parliament and the Commission agreed on and introduced an integrated approach to managing water resources and promoting the acquisition of 'good ecological status' across entire river basins. Before that, in the 1970s, they jointly developed a regulatory framework for safe drinking water and to significantly reduce the manmade pollution of European surface and groundwaters. This makes the EU water sector a tried and tested source of know-how and expertise. Its longstanding experience provides valuable input for the EU's external action with its partner countries in water, sanitation and hygiene (WASH) and water management.

The EU recognises the ever-increasing importance of water in international partnerships. This is proportionate to the worldwide challenges arising out of poverty, rapid population growth, climate change and their interrelated impacts. It is for this reason that the EU is committed to implementing multilateral agreements and develops policies with the aim of making it possible for the EU, in its external actions, to rise to global challenges. These are presented below in reverse chronological order.

- The **EU Taxonomy** and the Technical Screening Criteria of the Delegated Acts (on 'Climate', 'Disclosure' and 'Complementary Climate', 2020-2023).
- The **Neighbourhood, Development and International Cooperation Instrument – Global Europe** (NDICI-GE) (2021).
- The **Global Europe Results Framework** (GERF) (successor to the EU Results Framework, EURF).
- The **European Fund for Sustainable Development (EFSD+) Results Measurement Framework** (EFSD+ ReMF).
- The **Council Conclusions on Water in the EU's External Action** (2021).
- The **Council Conclusions on Climate Diplomacy** (2020).
- The **European Green Deal** (2019).
- The **Council Conclusions on EU Human Rights Guidelines on Safe Drinking Water and Sanitation** (2019).
- The **Council Conclusions on Water Diplomacy** (2018).
- The **European Consensus on Developmen**t (2017).
- The **Paris Agreement** (2016).
- The **New Urban Agenda** of the United Nations (2016).
- The **Sendai Framework for Disaster Risk Reduction** 2015-2030 (2015).
- **Agenda 2030 – Sustainable Development Goals (2015).**

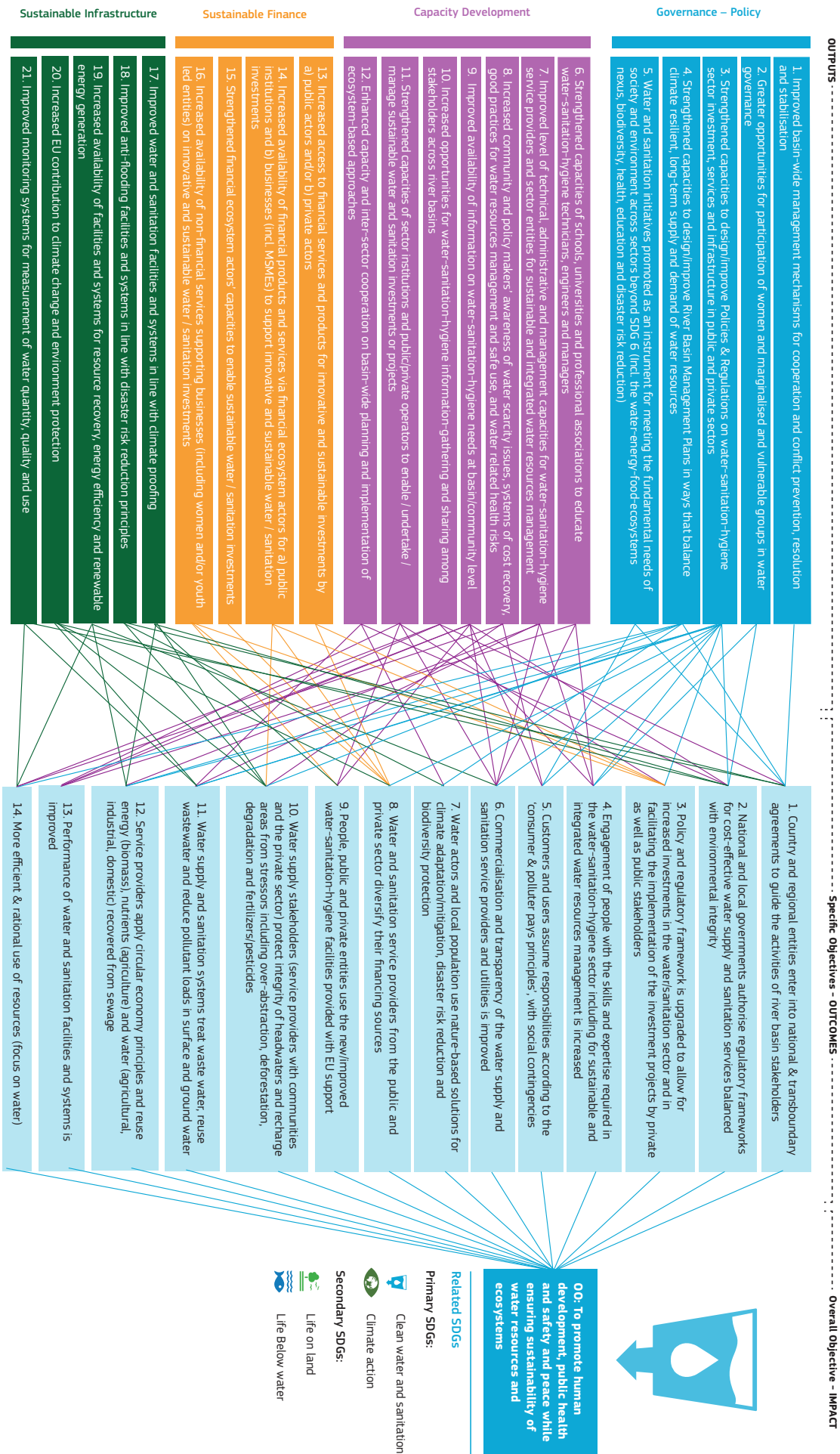- **Figure 1 : How SDG 6 relates to the other SDGs**

Source: Azote Images for Stockholm Resilience Centre

The EU and its Member States recognise the central role water and sanitation play in human societies and the natural environment, as well as their importance in the face of increasing global challenges. This central role is reflected in the Council Conclusions on Water in the EU's External Action, where the EU Council 'stresses the strategic importance of water, in particular for sustainable development, poverty reduction, food and nutrition security, human development, climate action, environmental protection, biodiversity and ecosystem preservation, humanitarian action, and peace and stability' (Council of the European Union, 2021).

Priorities for external action in the water sector include the following four interrelated aspects, around which this Sector Indicator Guidance for intervention design is also structured.

- **Governance and policy**: to ensure that the regulatory and institutional framework is consistent with best practice in the sector; that it is suitable for the country and basin context in question; and that it takes into consideration the needs of stakeholders from the public and private sectors and from civil society organisations who have been involved in its development; that it is using water cooperation for peace, security, and stability.
- **Capacity development**: for the creation, sharing and retention of knowledge by water sector entities and participants, for the purposes of long-term inclusion, equity, and empowerment.
- **Sustainable finance**: access to and use of innovative, inclusive, and sustainable public and private finance, and of international and domestic sources of sustainable finance to develop facilities and capacities.
- **Sustainable infrastructure**: applying technologies (and operating costs) to match community affordability levels, reach climate and environmental goals, and achieve equal access, public health and safety and community resilience.

2. Results Chain

Sustainable Infrastructure

21. Improved monitoring systems for measurement of water quantity, quality and use

20. Increased EU contribution to climate change and environment protection

19. Increased availability of facilities and systems for resource recovery, energy efficiency and renewable energy generation

18. Improved anti-flooding facilities and systems in line with disaster risk reduction principles

17. Improved water and sanitation facilities and systems in line with climate proofing

Sustainable Finance

16. Increased availability of non-financial services supporting businesses (including women and/or youth led entities) on innovative and sustainable water / sanitation investments

15. Strengthened financial ecosystem actors' capacities to enable sustainable water / sanitation investments

14. Increased availability of financial products and services via financial ecosystem actors for a) public institutions and b) businesses (incl. MSMEs) to support innovative and sustainable water / sanitation investments

13. Increased access to financial services and products for innovative and sustainable investments by a) public actors and/or b) private actors

Capacity Development

12. Enhanced capacity and inter-sector cooperation on basin-wide planning and implementation of ecosystem-based approaches

11. Strengthened capacities of sector institutions and public/private operators to enable / undertake / manage sustainable water and sanitation investments or projects

10. Increased opportunities for water-sanitation-hygiene information-gathering and sharing among stakeholders across river basins

9. Improved availability of information on water-sanitation-hygiene needs at basin/community level

8. Increased community and policy makers' awareness of water scarcity issues, systems of cost recovery, good practices for water resources management and safe use, and water related health risks

7. Improved level of technical, administrative and management capacities for water-sanitation-hygiene service providers and sector entities for sustainable and integrated water resources management

6. Strengthened capacities of schools, universities and professional associations to educate water-sanitation-hygiene technicians, engineers and managers

Governance – Policy

5. Water and sanitation initiatives promoted as an instrument for meeting the fundamental needs of society and environment across sectors beyond SDG 6 (incl. the water-energy-food-ecosystems nexus, biodiversity, health, education and disaster risk reduction)

4. Strengthened capacities to design/improve River Basin Management Plans in ways that balance climate resilient, long-term supply and demand of water resources

3. Strengthened capacities to design/improve Policies & Regulations on water-sanitation-hygiene sector investment, services and infrastructure in public and private sectors

2. Greater opportunities for participation of women and marginalised and vulnerable groups in water governance

1. Improved basin-wide management mechanisms for cooperation and conflict prevention, resolution and stabilisation

OUTCOMES

14. More efficient & rational use of resources (focus on water)

13. Performance of water and sanitation facilities and systems is improved

12. Service providers apply circular economy principles and reuse energy (biomass), nutrients (agriculture) and water (agricultural, industrial, domestic) recovered from sewage

11. Water supply and sanitation systems treat waste water, reuse wastewater and reduce pollutant loads in surface and ground water

10. Water supply stakeholders (service providers) protect integrity of headwaters and recharge areas from stressors including over-abstraction, deforestation, degradation and fertilizers/pesticides

9. People, public and private entities use the new/improved water-sanitation-hygiene facilities provided with EU support

8. Water and sanitation service providers from the public and private sector diversify their financing sources

7. Water actors and local population use nature-based solutions for climate adaptation/mitigation, disaster risk reduction and biodiversity protection

6. Commercialisation and transparency of the water supply and sanitation service providers and utilities is improved

5. Customers and users assume responsibilities according to the 'consumer & polluter pays principles', with social contingencies

4. Engagement of people with the skills and expertise required in the water-sanitation-hygiene sector including for sustainable and integrated water resources management is increased

3. Policy and regulatory framework is upgraded to allow for increased investments in the water/sanitation sector and in facilitating the implementation of the investment projects by private as well as public stakeholders

2. National and local governments authorise regulatory frameworks for cost-effective water supply and sanitation services balanced with environmental integrity

1. Country and regional entities enter into national & transboundary agreements to guide the activities of river basin stakeholders

IMPACT

OO: To promote human development, public health and safety and peace while ensuring sustainability of water resources and ecosystems

Related SDGs

Primary SDGs:
- Clean water and sanitation
- Climate action

Secondary SDGs:
- Life on land
- Life Below water

3. List of Sector Indicators

Predefined indicators (former core indicators) are highlighted in the list. For more information, see https://capacity4dev.europa.eu/resources/results-indicators/core-indicators-design-and-monitoring-eu-funded-interventions_en

Result	Indicator(s)
OO: To promote human development, public health and safety and peace while ensuring sustainability of water resources and ecosystems	Proportion of population using safely managed drinking water services disaggregated by residence (urban/rural), socioeconomic status (wealth, affordability), inequality (subnational, gender, disadvantaged groups, etc.) (SDG 6.1.1., GERF 1.30) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Percentage of the population using improved drinking-water services Data Source(s): WHO, The Global Health Observatory, https://www.who.int/data/gho/data/indicators
	Proportion of population using safely managed sanitation services, disaggregated by residence (urban/rural), socio-economic status (wealth, affordability), inequality (subnational, gender, disadvantaged groups, etc.), and sanitation service level (including no services, basic, and safely managed services) (SDG 6.2.1 under (a), GERF 1.31. EURF 1.10) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Proportion of population using a hand-washing facility with soap and water disaggregated by residence (urban/rural), socioeconomic status (wealth, affordability), inequality (subnational, gender, disadvantaged groups, etc.) (SDG 6.2.1 under (b)) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Proportion of bodies of water with good ambient water quality disaggregated by water body type (river, lake, groundwater) and river basin district (SDG 6.3.2) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Total greenhouse gas emissions per year (SDG 13.2.2) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Level of water stress: freshwater withdrawal as a proportion of available freshwater resources disaggregated by sector (agriculture, municipalities and industry) and hydrological unit (river basins, aquifers) (SDG 6.4.2) Data Source(s): Global SDG Indicators Database https://unstats.un.org/sdgs/indicators/database/
	Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene (exposure to unsafe Water, Sanitation and Hygiene for All (WASH) services), disaggregated by geographic location, sex, age groups and income groups (wealth quintile) (SDG 3.9.2) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Change in the extent of water-related ecosystems over time (SDG 6.6.1) Data Source(s):Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Level of water conflicts Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Total water withdrawal per capita Data Source(s): Aquastat-Food and Agriculture Organization of United Nations, http://www.fao.org/nr/water/aquastat/data
	Total freshwater withdrawal Data Source(s): Aquastat-Food and Agriculture Organization of United Nations, http://www.fao.org/nr/water/aquastat/data
SO1: Country and regional entities enter into national & transboundary agreements to guide the activities of river basin stakeholders	Proportion of transboundary basin area with an operational arrangement for water cooperation, disaggregated by country (SDG 6.5.2) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Degree of integrated water resources management (SDG 6.5.1) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Number of Transboundary Water Cooperation strengthened through transboundary water agreements, arrangements, management plans, and/or River Basin Organisations (RBO) Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Number of Water Management Plans applying IWRM principles (Integrated Water Resources Management) and/or WEFE Nexus approaches (Water-Energy-Food-Ecosystems Nexus) to improve water governance – also in transboundary contexts Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Number of countries and cities with climate change and/or disaster risk reduction strategies: (a) developed with EU support (GERF 2.5a) Data Source(s): EU intervention monitoring and reporting systems: annual and final reports from implementing organisations (governments, international organisations, non-state actors, etc), ROM reviews, and evaluations
	Number of countries and cities with climate change and/or disaster risk reduction strategies: (b) under implementation with EU support (GERF 2.5b) Data Source(s): EU intervention monitoring and reporting systems: annual and final reports from implementing organisations (governments, international organisations, non-state actors, etc), ROM reviews, and evaluations

Result	Indicator(s)
SO2: National and local governments authorise regulatory frameworks for cost-effective water supply and sanitation services balanced with environmental integrity	Extent to which the regulatory framework for cost effective water supply and sanitation services is balanced with environmental integrity Data Source(s): Baseline and endline surveys conducted and budgeted by the EU-funded intervention
	Number of national water strategies, policies, legislation developed, adopted, and/or implemented Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Extent to which the national regulator controls tariff rates and tariff increases Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Extent to which legislation enables both public and private sector operators Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Existence of water abstractions permitting system by the relevant authorities Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Extent to which legislation stipulates Sludge Quality Standards for wastewater sludge reuse and disposal Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
SO3: Policy and regulatory framework is upgraded to allow for increased investments in the water/sanitation sector and in facilitating the implementation of the investment projects by private as well as public stakeholders	Number of relevant public policies A) developed/revised with EU support (of which number of those that include gender equality objectives) Data Source(s): Progress reports for the EU-funded intervention
	Number of relevant public policies B) under implementation with EU support (of which number of those that include gender equality objectives) Data Source(s): Progress reports for the EU-funded intervention
	Number of countries supported by the EU to strengthen investment climate (GERF 2.16) Data Source(s): EU intervention monitoring and reporting systems: annual and final reports from implementing organisations (governments, international organisations, non-state actors, etc), ROM reviews, and evaluations
	Number of Payments for Ecosystem Services schemes A) developed/revised with EU support Data Source(s): Progress reports for the EU-funded intervention
	Number of Payments for Ecosystem Services schemes B) under implementation with EU support Data Source(s): Progress reports for the EU-funded intervention
	Number of carbon and biodiversity offsetting mechanisms A) developed/revised with EU support Data Source(s): Progress reports for the EU-funded intervention
	Number of carbon and biodiversity offsetting mechanisms B) under implementation with EU support Data Source(s): Progress reports for the EU-funded intervention
	Number of Circular Economy policy instruments A) developed/revised with EU support Data Source(s): Progress reports for the EU-funded intervention
	Number of Circular Economy policy instruments B) under implementation with EU support Data Source(s): Progress reports for the EU-funded intervention
SO4: Engagement of people with the skills and expertise required in the water-sanitation-hygiene sector including for sustainable and integrated water resources management is increased	Number of people who have benefited from institution or workplace-based VET/skills development interventions supported by the EU: (a) all VET/skills development, (b) only VET/skills development for digitalisation (GERF 2.14) Data Source(s): National level statistics for formal training interventions with a national coverage. The most common data sources for national level information are usually available with a lag of 12 months and include: National statistics (usually available yearly); National VET Agencies and administrative records in VET institutions or other relevant services, e.g. Ministry of Labour (usually available yearly); National Departments of Education (usually available yearly); Chambers of commerce, NGO-managed institutions, private training providers. EU intervention monitoring and reporting systems (annual and final reports from implementing organisations, surveys, intervention information)
	Number of river basin organisations which include hydrologists in their staff Data Source(s): Baseline and endline surveys conducted and budgeted by the EU-funded intervention
	Number of certified members in professional associations working in the water supply and sanitation sector, disaggregated by sex Data Source(s): Baseline and endline surveys conducted and budgeted by the EU-funded intervention
SO5: Customers and users assume responsibilities according to the 'consumer & polluter pays principles', with social contingencies	Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management (SDG 6.b.1) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Level of adherence of water supply and sanitation service fees with 'consumer & polluter pays' principles Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Collections ratio Data Source(s): Country reports from the International Benchmarking Network for Water and Sanitation Utilities (IBNET)

Result	Indicator(s)
S06: Commercialisation and transparency of the water supply and sanitation utilities is improved	Status of adoption of meter-based billing Data Source(s): Text of laws and regulations; Text of strategies and policy documents Number of new customer water meters installed Data Source(s): Ministry/agency administrative data; Baseline and endline surveys conducted and budgeted by the EU-funded intervention Status of adoption of cost recovery tariff structure Data Source(s): Text of laws and regulations; Text of strategies and policy documents; Ministry/agency administrative data
S07: Water actors and local population use nature-based solutions for climate adaptation/ mitigation, disaster risk reduction and biodiversity protection	Areas of terrestrial and freshwater ecosystems under (a) protection with EU support (km2) (GERF 2.9a) Data Source(s): EU reports and portals (Copernicus, https://www.copernicus.eu/en; European Space Agency Land Cover website, http://www.esa-landcover-cci.org/); EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Baseline and endline surveys conducted and budgeted by the EU-funded intervention; ROM reviews); International organisation data portals and reports (Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/ ; FAO, Forest Resource Assessment (FRA), http://www.fao.org/forest-resources-assessment/en/; UNEP Environmental Data Explorer, http://geodata.grid.unep.ch/ ; World Database on Protected Areas (WDPA), https://www.protectedplanet.net/en/thematic-areas/wdpa?tab=WDPA; Joint Research Centre (JRC), Digital Observatory for Protected Areas, https://dopa.jrc.ec.europa.eu/en; International Union for Conservation of Nature (IUCN) https://www.iucn.org/) Areas of terrestrial and freshwater ecosystems under (b) sustainable management with EU support (km2) (GERF 2.9b) Data Source(s): EU reports and portals (Copernicus, https://www.copernicus.eu/en; European Space Agency Land Cover website, http://www.esa-landcover-cci.org/); EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Baseline and endline surveys conducted and budgeted by the EU-funded intervention ; ROM reviews); Public sector reports (National statistical report); International organisation data portals and reports (FAO, Forest Resource Assessment (FRA), http://www.fao.org/forest-resources-assessment/en/; UNEP Environmental Data Explorer, http://geodata.grid.unep.ch/ ; World Database on Protected Areas (WDPA), https://www.protectedplanet.net/en/thematic-areas/wdpa?tab=WDPA; Joint Research Centre (JRC), Digital Observatory for Protected Areas, https://dopa.jrc.ec.europa.eu/en; International Union for Conservation of Nature (IUCN) Areas of terrestrial and freshwater ecosystems under a) protection (ha) (EURF 2.23a) Data Source(s): Global reports (Global Forest Resource Assessment (FRA)); International land surveys and data on land cover, use and changes (Copernicus – https://land.copernicus.eu/; European Space Agency Land Cover – https://www.esa-landcover-cci.org/); Areas of terrestrial and freshwater ecosystems under b) sustainable management (ha) (EURF 2.23b) Data Source(s): EU reports and portals (Copernicus, https://www.copernicus.eu/en; European Space Agency Land Cover website, http://www.esa-landcover-cci.org/); EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; ROM reviews); International organisation data portals and reports (FAO, Forest Resource Assessment (FRA), http://www.fao.org/forest-resources-assessment/en/; UNEP and International Union for Conservation of Nature (IUCN), World Database on Protected Areas (WDPA), https://www.protectedplanet.net/en/thematic-areas/wdpa?tab=WDPA; Joint Research Centre (JRC), Digital Observatory for Protected Areas, https://dopa.jrc.ec.europa.eu/en) Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type (SDG 15.1.2) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/ CO_2 sequestration in areas of terrestrial and freshwater ecosystems under protection and/or sustainable management via conservation areas or nature-based services Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention Marine areas under a) protection with EU support (km2) (GERF 2.8) Data Source(s): EU reports and portals (Copernicus, https://www.copernicus.eu/en; European Space Agency Land Cover website, http://www.esa-landcover-cci.org/); EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Baseline and endline surveys conducted and budgeted by the EU-funded intervention ; ROM reviews); International organisation data portals and reports (Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/ ; FAO, Forest Resource Assessment (FRA), http://www.fao.org/forest-resources-assessment/en/; UNEP Environmental Data Explorer, http://geodata.grid.unep.ch/ ; World Database on Protected Areas (WDPA), https://www.protectedplanet.net/en/thematic-areas/wdpa?tab=WDPA; Joint Research Centre (JRC), Digital Observatory for Protected Areas, https://dopa.jrc.ec.europa.eu/en; International Union for Conservation of Nature (IUCN) https://www.iucn.org/) Marine areas under b) sustainable management with EU support (km2) (GERF 2.8) Data Source(s): EU reports and portals (Copernicus, https://www.copernicus.eu/en; European Space Agency Land Cover website, http://www.esa-landcover-cci.org/); EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Baseline and endline surveys conducted and budgeted by the EU-funded intervention ; ROM reviews); International organisation data portals and reports (Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/ ; FAO, Forest Resource Assessment (FRA), http://www.fao.org/forest-resources-assessment/en/; UNEP Environmental Data Explorer, http://geodata.grid.unep.ch/ ; World Database on Protected Areas (WDPA), https://www.protectedplanet.net/en/thematic-areas/wdpa?tab=WDPA; Joint Research Centre (JRC), Digital Observatory for Protected Areas, https://dopa.jrc.ec.europa.eu/en; International Union for Conservation of Nature (IUCN) https://www.iucn.org/) Number of new tools and products adopted by sector institutions and operators (of which number of those gender-responsive) Data Source(s): Progress reports for the EU-funded intervention

Result	Indicator(s)
SO8: Water and sanitation service providers from the public and private sector diversify their financing sources	◤ Change in water-use efficiency over time (SDG 6.4.1) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	◤ Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan, disaggregated by subsector (basic vs. large systems) (SDG 6.a.1) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	◤ Operations Cost Coverage Data Source(s): Country profiles from the International Benchmarking Network for Water and Sanitation Utilities (IBNET), https://database.ib-net.org/search_countries
	◤ Non-Revenue Water (NRW), approximate Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	◤ Level of financial diversification of financing sources of water supply and sanitation providers, disaggregated by type of provider (e.g., public and private) Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	◤ Number of Financial Ecosystem Actors adhering to risk sharing schemes, disaggregated by type of product (traditional vs sustainability-related) provided to them Data Source(s): Database of beneficiaries/participants; Progress reports for the EU-funded intervention
	◤ Number of new tools adopted by Financial Ecosystem Actors, disaggregated by type of product (traditional vs sustainability-related) Data Source(s): Progress reports for the EU-funded intervention
SO9: People, public and private entities use the new/improved water-sanitation-hygiene facilities provided with EU support	◤ Number of people with access to improved drinking water source and/or sanitation facility with EU support (GERF 2.38, EURF 2.8) Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; EU-funded feasibility or appraisal reports; ROM reviews); International organisation data portals and reports (WHO/UNICEF Joint Monitoring Programme, Global data on drinking water, sanitation and hygiene (WASH), https://washdata.org/)
	◤ Amount of wastewater treated, per day Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; EU-funded feasibility or appraisal reports; Baseline and endline studies conducted and budgeted by the EU-funded intervention)
	◤ Additional wastewater daily treatment capacity in urban areas Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	◤ Percentage of schools with access to drinking water/sanitation/hygiene services, disaggregated by rural/urban location, education level (pre-primary, primary, secondary) and service level)) Data Source(s): The WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP) Reports, https://washdata.org/data/school#!/
	◤ Percentage of healthcare facilities with access to drinking water/sanitation/hygiene services, disaggregated by rural/urban location, facility type (government or non-government, hospital or non-hospital) and service level Data Source(s): The WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP) Reports, https://washdata.org/data/healthcare#!/
	◤ Number of cases of waterborne and communicable diseases annually, disaggregated by sex and age Data Source(s): Health institutions' records
	◤ Status of inclusion of water supply system in river basin management plan issued by relevant authority Data Source(s): Progress reports for the EU-funded intervention
SO10: Water supply stakeholders (service providers with communities and the private sector) protect integrity of headwaters and recharge areas from stressors including over-abstraction, deforestation, degradation and fertilizers/pesticides	◤ Status of mechanisms for protecting headwaters and recharge areas by water supply stakeholders (service providers, communities and private sectors) Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	◤ Annual emission reduction of areas protected/conserved/restored for climate change mitigation through Ecosystem-based Mitigation (EbM) approaches Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	◤ Number of cases of water pollution at the headwaters and recharge areas due to deforestation, over abstraction, degradation, fertilizers/pesticides, disaggregated by cause of pollution Data Source(s): Reports from civil society and Ministries/institutions for environmental protection and water

Result	Indicator(s)
SO11: Water supply and sanitation systems treat waste water, reuse wastewater and reduce pollutant loads in surface and ground water	Proportion of domestic and industrial wastewater flows safely treated, disaggregated by households and non-households (industrial and commercial establishments as per the classification ISIC Rev4) (SDG 6.3.1) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/
	Extent to which wastewater treatment system fulfils the discharge requirements set up by the relevant authorities Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Percentage of population practicing open defecation, disaggregated by residence (urban/rural), sex, and disadvantaged groups Data Source(s): World Bank data, data.worldbank.org. Data also available on the SDG Global Indicators Database under indicator 6.2.1, https://unstats.un.org/sdgs/indicators/database/
SO12: Service providers apply circular economy principles and reuse energy (biomass), nutrients (agriculture) and water (agricultural, industrial, domestic) recovered from sewage	Direct use of treated municipal wastewater for irrigation purposes Data Source(s): Aquastat-Food and Agriculture Organization of United Nations http://www.fao.org/nr/water/aquastat/data. if data is not available for the area EU-funded intervention covers, at least baseline and endline expert analyses will need to be commissioned by the EU-funded intervention.
	Greenhouse Gas (GHG) emissions avoided (tonnes CO2eq) with EU support (GERF 2.7, EURF 2.21) Data Source(s): EU reports and portals (Copernicus, https://www.copernicus.eu/en; European Space Agency Land Cover website, http://www.esa-landcover-cci.org/); EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Baseline and endline surveys conducted and budgeted by the EU-funded intervention ; ROM reviews); International organisation data portals and reports (Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/; FAO, Forest Resource Assessment (FRA), http://www.fao.org/forest-resources-assessment/en/; UNEP Environmental Data Explorer, http://geodata.grid.unep.ch/ ; World Database on Protected Areas (WDPA), https://www.protectedplanet.net/en/thematic-areas/wdpa?tab=WDPA; Joint Research Centre (JRC), Digital Observatory for Protected Areas, https://dopa.jrc.ec.europa.eu/en; International Union for Conservation of Nature (IUCN) https://www.iucn.org/)
	Existence of risk management actions for reclaimed water Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Energy produced from wastewater Data Source(s): Baseline and endline studies conducted and budgeted by the EU-funded intervention
	Wastewater treatment annually: nutrient recapture (Nitrogen (N)) Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Wastewater treatment annually: nutrient recapture (Phosphorus (P)) Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Wastewater treatment annually: nutrient recapture (Potassium (K)) Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Amount renewable energy generation from sludge-biogas within wastewater treatment Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Reduced annual energy consumption of water-wastewater services (and related reduced greenhouse gas emissions) Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Annual renewable energy generation from solar photovoltaics at facilities and sites of water- wastewater utilities – to contribute to onsite energy supply Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
	Installed renewable energy-generating capacity in developing countries (in watts per capita) disaggregated by technology (solar, hydro, wind, etc.) and by on-grid and off-grid capacity (SDG 7.b.1.) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/

Result	Indicator(s)
SO13: Performance of water and sanitation facilities and systems is improved	Degree of integrated water resources management implementation (SDG 6.5.1) Data Source(s): Global SDG Indicators Database, https://unstats.un.org/sdgs/indicators/database/ Potable water produced Data Source(s): Ministry/agency administrative data; Baseline and endline surveys conducted and budgeted by the EU-funded intervention Wastewater treated Data Source(s): Ministry/agency administrative data; Baseline and endline surveys conducted and budgeted by the EU-funded intervention Average Period of Water Supply (Average hours / day) Data Source(s): Ministry/agency administrative data; Baseline and endline surveys conducted and budgeted by the EU-funded intervention Water Pressure Data Source(s): Ministry/agency administrative data; Baseline and endline surveys conducted and budgeted by the EU-funded intervention
SO14. More efficient & rational use of resources (focus on water)	Water Consumption Data Source(s): Ministry/agency administrative data; Baseline and endline surveys conducted and budgeted by the EU-funded intervention Number of Unaccounted for Water Programmes (leak detection-repair) conducted by water service providers annually Data Source(s): Baseline and endline surveys conducted and budgeted by the EU-funded intervention Status of adoption of a plan for implementing metering at consumer level by water supplier Data Source(s): Text of strategies and policy documents; Progress reports for the EU-funded intervention
OUTPUT 1: Improved basin-wide management mechanisms for cooperation and conflict prevention, resolution and stabilisation	Number of cooperation mechanisms or agreements for basin wide water management developed/improved with support of the EU-funded intervention Data Source(s): Meeting notes, agreement documents Number of River Basin Management Plans or Monitoring Plans developed/improved with support of the EU-funded intervention Data Source(s): Text of strategies and policy documents; Progress reports for the EU-funded intervention Number of allocation agreements identified through cooperation mechanisms for basin wide water management with support of the EU-funded intervention Data Source(s): Progress reports for the EU-funded intervention
OUTPUT 2: Greater opportunities for participation of women and marginalised and vulnerable groups in water governance	Number of water governance participative committees including women and people in vulnerable situations (such as ethnic minorities, indigenous people and people with disabilities) with support of the EU-funded intervention Data Source(s): Committee records Number of women participating in water governance committees with support of the EU-funded intervention Data Source(s): Committee records Number of people in vulnerable situations (such as minorities, indigenous people and people with disabilities) participating in water governance committees with support of the EU-funded intervention, disaggregated by sex Data Source(s): Committee records
OUTPUT 3: Strengthened capacities to design/improve Policies & Regulations on water-sanitation-hygiene sector investment, services and infrastructure in public and private sectors	Number of government, regional and transboundary institutions, CSOs, service providers' and community representatives trained by the EU-funded intervention with increased knowledge and/or skills on water-sanitation-hygiene policies and regulation Data Source(s): Database of training participants; pre- and post-training tests Number of water supply and sanitation policy and regulations drafted by the government with support of the EU-funded intervention Data Source(s): Policy and regulation documents
OUTPUT 4: Strengthened capacities to design/improve River Basin Management Plans in ways that balance climate resilient, long-term supply and demand of water resources	Number of government, regional and transboundary institutions, CSOs, service providers' and community representatives trained by the EU-funded intervention with increased knowledge and/or skills on river basin management that balances supply and demand of water sources Data Source(s): Database of training participants; pre- and post-training tests Status of design/implementation of River Basin Management Plans that balance supply and demand of water sources, supported by the EU-funded intervention Data Source(s): Progress reports for the EU-funded intervention

Result	Indicator(s)
■ **OUTPUT 5: Water and sanitation initiatives promoted as an instrument for meeting the fundamental needs of society and environment across sectors beyond SDG 6 (Incl. the water-energy-food-ecosystems nexus, biodiversity, health, education and disaster risk reduction)**	▸ Number of initiatives for Water-Energy-Food-Ecosystems Nexus identified by water and sanitation, and food and energy stakeholders on the basis of River Basin Management Plans with support of the EU-funded intervention Data Source(s): Progress reports for the EU-funded intervention ▸ Number of Water-Energy-Food-Ecosystems Nexus systems and facilities improved/set up with the support of the EU-funded intervention Data Source(s): Handover/technical inspection documents ▸ Number of persons trained by the EU-funded intervention with increased knowledge and/or skills on health linkages with hygiene practices, water usage and sanitation practices disaggregated by sex and age Data Source(s): Database of training participants; pre- and post-training tests
■ **OUTPUT 6: Strengthened capacities of schools, universities and professional associations to educate water-sanitation-hygiene technicians, engineers and managers**	▸ Number of water-sanitation-hygiene curricula/modules developed with the support of the EU-funded intervention for schools, universities & professional associations for education of water-sanitation-hygiene technicians, engineers and managers, disaggregated by the education institution type e.g. school, university, professional association Data Source(s): Curriculum/training material ▸ Number of teaching staff of schools, universities & professional associations trained by the EU-funded intervention with increased knowledge and/or skills on water-sanitation-hygiene , disaggregated by sex Data Source(s): Database of training participants; pre- and post-training tests ▸ Number or schools, universities & professional associations with enhanced technical teaching infrastructure for education of water-sanitation-hygiene technicians, engineers and managers, disaggregated by the education institution type e.g. school, university, professional association Data Source(s): Handover/technical inspection documents ▸ Number of cooperation mechanisms for knowledge sharing and apprenticeships established between the schools, universities, professional associations and water-sanitation-hygiene service providers with the support of the EU-funded intervention Data Source(s): Progress reports for the EU-funded intervention ▸ Number of students placed in a water-sanitation-hygiene service provider for apprenticeship with the support of the EU-funded intervention, disaggregated by sex Data Source(s): Database of beneficiaries/participants
■ **OUTPUT 7: Improved level of technical, administrative and management capacities for water-sanitation-hygiene service providers and sector entities for sustainable and integrated water resources management**	▸ Number of beneficiaries of water initiatives which supported education, vocational training and employment (job creation) in the water domain Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Database of beneficiaries/participants) ▸ Number of staff of water-sanitation-hygiene service providers and sector entities trained by the EU-funded intervention with increased knowledge and/or skills in administration and management, disaggregated by sex Data Source(s): Database of training participants; pre- and post-training tests ▸ Number of partner country service providers paired with EU service providers through twinning or similar interventions with support of the EU-funded intervention Data Source(s): Database of beneficiaries/participants ▸ Number of new/improved technical infrastructure systems operationalised with the support of the EU-funded intervention to water-sanitation-hygiene service providers & sector entities Data Source(s): Handover/technical inspection documents
■ **OUTPUT 8: Increased community and policy makers' awareness of water scarcity issues, systems of cost recovery, good practices for water resources management and safe use, and water related health risks**	▸ Number of people reached with EU-funded awareness raising campaigns, disaggregated by sex and age Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Database of beneficiaries/participants ; Reports published by the EU-funded intervention) ▸ Number of community and policy makers with increased awareness of water security issues, systems and cost recovery, good practices for water resources management and safe use, risks of waterborne diseases transmission and open defecation with support of the EU-funded intervention, disaggregated by sex Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Database of beneficiaries/participants ; Reports published by the EU-funded intervention)

Result	Indicator(s)
■ **OUTPUT 9: Improved availability of information on water-sanitation-hygiene needs at basin/ community level**	▸ Level of operationalisation of the data collection mechanism on water-sanitation-hygiene needs at basin/ community level Data Source(s): Progress reports for the EU-funded intervention ▸ Level of participation of key water-sanitation-hygiene stakeholders in data collection on water-sanitation-hygiene needs at basin/community level supported by the EU-funded intervention Data Source(s): Database of beneficiaries/participants; Progress reports for the EU-funded intervention ▸ Number of water-sanitation-hygiene priorities identified by the communities in the data collection process supported by the EU-funded intervention Data Source(s): Public hearings reports; Survey reports
■ **OUTPUT 10: Increased opportunities for water-sanitation-hygiene information-gathering and sharing among stakeholders across river basins**	▸ Number of information sharing and exchange platforms (online or on-site) among stakeholders across river basin established with the support of the EU-funded intervention Data Source(s): Progress reports for the EU-funded intervention
■ **OUTPUT 11: Strengthened capacities of sector institutions and public/ private operators to enable / undertake / manage sustainable water and sanitation investments or projects**	▸ Number of policy dialogue initiatives supported (of which number of those that include dialogue on gender equality) Data Source(s): Text of strategies and policy documents; Progress reports for the EU-funded intervention ▸ Number of studies supported (technical, economic, environmental, gender) Data Source(s): Progress reports for the EU-funded intervention; Reports published by the EU-funded intervention ▸ Number of organisations supported, disaggregated by type of organisation, type of strengthening and by served area Data Source(s): Database of beneficiaries/participants ▸ Number of people trained by the EU-funded intervention who increased their knowledge and/or skills, disaggregated by sex and age Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Database of beneficiaries/participants; Pre- and post-training test reports)
■ **OUTPUT 12. Enhanced capacity and inter-sector cooperation on basin-wide planning and implementation of ecosystem-based approaches**	▸ Number of biodiversity and ecosystem protection and restoration interventions in line with national, regional or local flood risk management strategies and plans at river basin scale developed with support of the EU-funded intervention Data Source(s): Text of strategies and policy documents; Progress reports for the EU-funded intervention; Progress reports for the EU-funded intervention ▸ Number of farm management plans for minimising use of chemical pesticides and fertilisers developed with support of the EU-funded intervention Data Source(s): Text of strategies and policy documents; Progress reports for the EU-funded intervention; Progress reports for the EU-funded intervention ▸ Number of policies for prevention of conversion of habitats of high conservation value developed with support of the EU-funded intervention Data Source(s): Text of strategies and policy documents; Progress reports for the EU-funded intervention; Progress reports for the EU-funded intervention
■ **OUTPUT 13: Increased access to financial services and products for innovative and sustainable investments by a) public actors and/or b) private actors**	▸ Number of entities provided with access to loans and other financial services, disaggregated by sex and age (15-30 years) and regions where relevant Data Source(s): Database of beneficiaries/participants ▸ Amount of outstanding loans and other sources of financing extended to relevant target group, disaggregated by sex, age (15-30 years), regions where relevant, and by type of product (traditional vs sustainability-related) Data Source(s): Database of beneficiaries/participants; Progress reports for the EU-funded intervention ▸ Volume of new loans and other sources of financing extended to relevant target group, disaggregated by sex, age (15-30 years), regions where relevant, and by type of product (traditional vs sustainability-related) Data Source(s): Database of beneficiaries/participants; Progress reports for the EU-funded intervention ▸ Number of loans served among relevant target group, disaggregated by sex and age (15-30 years) and regions where relevant, and by type of product (traditional vs sustainability-related) Data Source(s): Database of beneficiaries/participants; Progress reports for the EU-funded intervention

Result	Indicator(s)
OUTPUT 14: Increased availability of financial products and services via financial ecosystem actors for a) public institutions and b) businesses (incl. MSMEs) to support innovative and sustainable water / sanitation investments	Volume of new loans/financial services made available to financial ecosystem actors (e.g., banks, microfinance institutions, funds, angel investors), disaggregated by type of product (traditional vs sustainability-related), sex, age and region Data Source(s): Progress reports for the EU-funded intervention Number of financial products and services available for the first time in new sectors/area, disaggregated by target group, by type of intermediary, by product/service, by served area/ sector. Disaggregation for women and/or youth owned MSMEs Data Source(s): Progress reports for the EU-funded intervention
OUTPUT 15: Strengthened financial ecosystem actors' capacities to enable sustainable water / sanitation investments	Number of Financial Ecosystem Actors (FEAs) supported, disaggregated by type of product (traditional vs sustainability-related) provided to them Data Source(s): Database of beneficiaries/participants Number of supported financial intermediaries offering new services/products for the first time, disaggregated by type of intermediary, type of service/product, by served area/ sector/ target group Data Source(s): Database of beneficiaries/participants; Progress reports for the EU-funded intervention Finance for water initiatives secured through application of derisking measures and guarantees Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention)
OUTPUT 16: Increased availability of non-financial services supporting businesses (including women and/or youth led entities) on innovative and sustainable water / sanitation investments	Number of businesses accessing supported accelerator/incubator services/ facilities disaggregated by target group, sex and age and by region/outside capital Data Source(s): Database of beneficiaries/participants Number of businesses that utilise business development services, disaggregated by target group, sex and age of owner where relevant, and region/outside capital Data Source(s): Database of beneficiaries/participants Number of people benefitting from EU-funded sub-grants projects (disaggregated by sex and age) Data Source(s): EU intervention monitoring and reporting systems (Progress and final reports for the EU-funded intervention; Database of beneficiaries/participants)
OUTPUT 17: Improved water and sanitation facilities and systems in line with climate proofing	Length of new or rehabilitated water supply pipes Data Source(s): Handover/technical inspection documents Length of new or rehabilitated sewer pipes installed Data Source(s): Handover/technical inspection documents New connections to water supply Data Source(s): Handover/technical inspection documents Water treatment capacity Data Source(s): Handover/technical inspection documents Wastewater treatment capacity Data Source(s): Handover/technical inspection documents
OUTPUT 18: Improved anti-flooding facilities and systems in line with disaster risk reduction principles	Number of flood risk mappings supported Data Source(s): Progress reports for the EU-funded intervention Status of flood risk mapping supported Data Source(s): Progress reports for the EU-funded intervention Length of hydraulic sections intervened in rivers and streams Data Source(s): Handover/technical inspection documents Number of bridges reconstructed/ rebuilt Data Source(s): Handover/technical inspection documents Length of rescue roads rehabilitated or created Data Source(s): Handover/technical inspection documents Storm water pumping capacity Data Source(s): Handover/technical inspection documents Number of facilities for mitigation of stormwater overflows from the combined wastewater collection system including Sustainable Urban Drainage Systems (SUDs), improved/constructed by the EU-funded intervention Data Source(s): Handover/technical inspection documents

Result	Indicator(s)
OUTPUT 19: Increased availability of facilities and systems for resource recovery, energy efficiency and renewable energy generation	Nutrient recapture facilities supported (N, P, K) Data Source(s): Handover/technical inspection documents Efficiency of the systems for the resource recovery (nutrients P, N, K) improved/set up with the support of the EU-funded intervention Data Source(s): Handover/technical inspection documents Number of water and sanitation systems for energy efficiency-renewable energy production improved/set up with support of the EU-funded intervention Data Source(s): Handover/technical inspection documents Energy savings of energy efficiency systems improved/set up with the support of the EU funded intervention Data Source(s): Handover/technical inspection documents Production capacity of renewable energy systems improved/set up with the support of the EU-funded intervention Data Source(s): Handover/technical inspection documents Production capacity of reclaimed water for reuse in the agricultural irrigation improved/set up with the support of the EU-funded intervention Data Source(s): Handover/technical inspection documents Number of water and sanitation stakeholders staff trained by the EU-funded intervention with increased knowledge and/or skills on resource recovery, energy efficiency and renewable energy generation, disaggregated by sex Data Source(s): Database of training participants; pre- and post-training tests
OUTPUT 20: Increased EU contribution to climate change and environment protection	Share of the investments contributing to: • climate change (adaptation and mitigation) • protecting the environment (Aid to Environment) Data Source(s): Progress reports for the EU-funded intervention; Reports published by the EU-funded intervention Share of the investments making a substantial contribution to the Taxonomy criteria for the following objectives: - Climate change mitigation % - Climate change adaptation % - Sustainable use and protection of water and marine resources % - Circular economy % - Pollution prevention & control % - Protection and restoration of biodiversity and ecosystems % Data Source(s): Progress reports for the EU-funded intervention; Reports published by the EU-funded intervention
OUTPUT 21: Improved monitoring systems for measurement of water quantity, quality and use	Number of Water Information Systems (WIS) installed, including hydrometeorological data gathering and sharing, to monitor real-time water quality and flows Data Source(s): Progress reports for the EU-funded intervention; Reports published by the EU-funded intervention Number of water and sanitation stakeholders staff trained by the EU-funded intervention with increased knowledge and/or skills on water information systems, disaggregated by sex Data Source(s): Database of training participants; pre- and post-training tests