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| **Programme specific objective: 2.1 Cross-border coordination and joint actions improve the management and energy efficiency of local water supply, wastewater and solid waste systems, and the protection of environment** |
| **Results:** **2.1.1a The capacity to enforce environmental and energy efficiency standards at local level for water supply, solid waste and wastewater management is strengthened AND****2.1.1b Public awareness of the merits of complying with EU water supply, solid waste and wastewater management, and environment protection practices is increased** |
| IMPACT INDICATORS | Percentage of the programme area benefiting from better enforcement of water supply, wastewater, solid waste disposal and environmental protection standards (to be disaggregated) \* |
| Number of direct beneficiaries involved (to be disaggregated by type of vulnerable group and gender)\*\* |
| people with disabilities |
| youth |
| long-term unemployed |
| ethnic minorities |
| other (please specify) |
| Number of new jobs created by the businesses which received assistance from the scheme (including self-employment initiatives) (to be disaggregated by gender)\*\*\* |
| Number of businesses still active after two years of their establishment (to be disaggregated by gender of the entrepreneur) |
| Number of new services available in the market one year after project ends |
| Percentage of reduction of water losses in the municipal supply networks  |
| Number of harmonised environmental education curricula and/or an extra-curricular programme introduced in secondary education on both sides of the border |
| Number of municipalities having solved/agreed waste management issues through inter-municipal (regional) initiatives |
| Number of sites meeting NATURA 2000 standards |
| Percentage of waste collected for recycling |
| Number of households benefiting from common waste management and wastewater treatment solutions/measures (to be disaggregated) |
| Savings (percentage of reduction) in the use of water by households and businesses |
| Percentage of the programme area covered by strategies and action plans (disaggregated by solid waste, wastewater, soil erosion) |
| Number of platforms for furthering the merits of complying with EU water supply, solid waste and wastewater management and environment protection up and running beyond the programme actions |
| Decrease in the number of illegal dumpsites |
| Number of platforms for the protection of these catchment areas and the promotion of their biodiversity is up and running beyond the programme actions |
| Number of agreements/MoUs signed and entered in force at local and/or regional level on protecting the nature in the eligible area |
| Number of agreements/MoUs signed and entered in force at local and/or regional level for joint management of nature protected areas in the eligible area |
| Number of new dwellings/households served in the collection of solid waste in the CBC area as a result of programme intervention |
| Percentage of municipalities having solved waste management issues through inter-municipal (regional) initiatives |
| Percentage of population in the programme area having direct or indirect benefits as a result of the operation undertaken |
| Number of recycling yards established by the action still active two years after completion of the action |
| OUTCOME INDICATORS | Percentage of the population covered and sensitized by the awareness raising campaign on the merits of complying with EU water supply, solid waste and wastewater management and environment protection \* |
| Number of new businesses established as a result of the call (to be disaggregated by gender of the entrepreneur)\*\*\* |
| Number of organisations/institutions with increased capacities/competences (to be disaggregated by type of organisation)\*\*\* |
| Number of users of digital platforms |
| Number of plans implemented (developed and operationalized) |
| Number of new services commercialised |
| Level of satisfaction of users/clients with new services |
| Level of satisfaction of trainees with new training courses/curricula |
| Increased level of competences among the trainees |
| Percentage of increase in the amount of recycled solid waste |
| Number of training curricula/courses recognized/certified |
| Total surface area (ha) of rehabilitated land |
| Additional population served by improved water supply and wastewater treatment, as well as solid waste collection (to be disaggregated) |
| Percentage (%) of population the in CBC area made aware of sustainable use of natural resources and environment in key sectors |
| Number of recycling yards in the territory of municipalities established |
| Number of innovative ways to present the monitoring results on environmental quality in place |
| Area covered by joint management measures for environmental protection (ha) |
| Number of cross-border areas with threatened biodiversity protected/benefited from the actions |
| The control on the levels of pollution of air in urban, rural and industrial areas have become technically more accurate and regular |
| The control on the levels of pollution of water in urban, rural and industrial areas have become technically more accurate and regular |
| The control on the levels of pollution of soil in urban, rural and industrial areas have become technically more accurate and regular |
| Number of systems for exchange and collection of data on the quantities and composition of the waste generated operational |
| Number of institutions included in joint management initiatives in relation to the environmental protection (to be disaggregated by type of the institution) |
| Number of joint solutions for effective waste management and waste water treatment, implemented, in particular in rural areas and along main rivers |
| Number of public enterprises dealing with municipal solid waste and wastewater which have upgraded their operations (to be disaggregated) |
| Percentage of all businesses and organisations participating in joint actions in wastewater and solid waste management (to be disaggregated) |
| Kilometres of new sewage systems included in the investment plans, pre-feasibility and feasibility studies, etc. |
| The control on the levels of pollution has become technically more accurate and regular |
| Percentage of reduction in the number of houses not connected to the existing sewage system |
| Number of platforms established in order to improve the management of river banks |
| Number of platforms established in order to improve the management of national parks |
| Number of kms of new sewage inserted in new plans |
| Total kilometres of catchment areas encompassed by the actions |
| Number of site cleaning action plans completed |
| Percentage (%) of the population in the target area is aware and benefits of the project |
| Number of households, farms, alternative and tourism businesses, and other SMEs from the target region, benefitting from the plans for sustainable management of the existing ecosystem services (to be disaggregated) |
| Percentage (%) of the population in the CBC area is made aware of the possibilities for cooperation and development of the target area as well as for possibilities and tools for better planning and management of the natural resources and heritage in the target region |
| Percentage (%) of the cross-border area is covered with integrated environmental monitoring system |
| Percentage (%) of population of the area targeted by the project made aware of sustainable use of natural resources and environment in key sectors |
| Percentage of areas/sites at risk of soil contamination covered by joint harmonised plans/studies |
| Amount of waste collected for recycling (in tons) |
| Number of houses not connected to the sewage system |
| Number of endangered natural sites protected |
| Number of farmers using fertigation |
| Quantity of waste disposed of (in tons) |
| Percentage of endangered natural sites protected |
| Number of illegal dumps closed/removed |
| Number of improved value chains |
| Number of endangered natural sites that became valorised |
| Number of rural households that compost the waste |
| Number of local strategies and plans approved |
| Number of species monitoring protocols launched |
| Number of public officials involved and work on improving waste management legislation in line with recommendations (to be disaggregated by gender) |
| Number of organizations/institutions work on improving waste management in line with the recommendations (to be disaggregated by type of organisation) |
| Number of locations with improved waste collection |
| Increased capacity of water supply system (l/s) |
| Percentage of priority substances (water polluters) identified and analyzed |
| OUTPUT INDICATORS | Number of prefeasibility, and feasibility studies and technical plans for development of new or upgrading the existing water supply, wastewater/solid waste treatment systems prepared (to be disaggregated) \* |
| Number of facilities, equipment, procedures and operations of public utilities upgraded (to be disaggregated by water supply, solid waste and waste disposal) \* |
| Number of public utilities staff whose knowledge and skills have been enhanced (to be disaggregated by gender) \* |
| Number of public education/information campaigns, public/private partnerships, and pilot demonstration projects promoting higher environmental protection standards organized and implemented \* |
| Number of organisations directly involved in the implementation of this type of projects (to be disaggregated by type of organisation)\*\*\* |
| local government units |
| national government units (ministries, agencies, offices) |
| non-governmental organisations (NGOs, CSOs, associations) |
| enterprises |
| private |
| publicly owned |
| regional Development Agencies |
| educational institutions |
| cultural institutions |
| public utility companies |
| other type (please specify) |
| Number of organisations participating in cross-border networks/partnerships formed (to be disaggregated by type of organisation)\*\*\* |
| Number of inter-sectoral (local authorities-CSOs-private sector-public agencies-research and educational institutions) partnerships implementing this type of projects |
| Number of information/promotion campaigns implemented |
| Number of information/promotion events organised (to be disaggregated by type of event: conferences, exhibitions, fairs, other types of events) |
| Number of participants in information/promotion events (to be disaggregated by type of event and gender)  |
| Number of promotion materials produced and distributed/published/broadcasted (to be disaggregated by type of promotional material) |
| Number of people reached by information/promotion campaigns |
| Number of capacity building events organised (to be disaggregated by type of event: trainings, workshops, seminars, other capacity building events) |
| Number of participants in capacity building events organised (to be disaggregated by type of event and gender) |
| Number of training curricula/courses developed |
| Number of studies developed (e.g. baseline, (pre)feasibility, research, etc.) |
| Number of digital platforms (information systems) developed |
| Number of websites operational |
| Number of sets of equipment purchased and made available to target groups |
| Number of cross-border networks/partnerships formed |
| Number of organisations participating in cross-border networks/partnerships formed (to be disaggregated by type of organisation) |
| Number of cross-border cooperation agreements signed |
| Number of plans developed (e.g. strategic, investments, business plans, etc) |
| Number of people with increased capacity (to be disaggregated by gender) |
| Number of new services developed |
| Number of facilities enhanced |
| Number of manuals, guidelines, handbooks developed |
| Number of study visits organised |
| Number of participants in study visits (to be disaggregated by gender) |
| Number of improved waste management systems and value chains within the area |
| Surface area (in ha) covered by improved shared environmental monitoring capacity or common monitoring actions |
| No of people directly taking part in awareness raising activities (to be disaggregated by gender) |
| Number of NGOs participating in capacity building and networking activities in relation to environmental and nature protection |
| Number of participants of capacity building activities in relation to management of nature protected areas (to be disaggregated by gender) |
| No of organisations and companies taking part in awareness raising activities (to be disaggregated by type of organisation) |
| Number of systems for monitoring and exchange of monitoring data developed |
| Number of bio-diversity and geo-diversity maps developed |
| Number of pollution hot spots identified |
| Number of sensitive eco-systems addressed by actions designed to protect them |
| Number of site cleaning actions implemented |
| Number of endemic and endangered species whose populations have been assessed as result of programme activities |
| Surface area of habitats supported in order to attain a better conservation status |
| Number of planned joint actions, innovative services, etc. for improving the wastewater and solid waste management within the area (to be disaggregated) |
| Number of water, soil and air polluters newly identified (to be disaggregated) |
| Number of water, soil and air polluters newly registered in the cadastres (to be disaggregated) |
| Number of participants in capacity building initiatives for public utility companies to introduce inter-municipal/regional solutions to waste management and wastewater treatment (to be disaggregated by gender) |
| Number of recycling yards in the territory of municipalities identified/planned |
| Number of joint environmental actions implemented |
| Number of municipalities benefiting from waste management and WWT solutions/measures supported by the programme |
| Number of systems for solid waste, wastewater and sewage treatment enhanced (to be disaggregated) |
| Number of local authorities included in exchange of good international practices between local authorities on management of solid waste, wastewater and sewage systems (to be disaggregated) |
| Number of comparative analysis on utilization of natural resources in the CBC area prepared |
| Number of representatives of rural households benefitting from strengthened capacities in diversification, preservation and sustainable utilisation and management and of natural resources (to be disaggregated by gender) |
| Number of integrated environmental monitoring systems installed and functional |
| Number of stakeholders trained on the possibilities and usage of the integrated environmental monitoring system (to be disaggregated by gender) |
| Number of organisations participating in fairs (to be disaggregated by type of organisation) |
| Local population (number of inhabitants) in the area covered by the project |
| Number of people in the CBC area made aware of sustainable use of natural resources and environment in key sectors |
| Number of viewers of videos produced |
| Surface of the CBC programme area (km2) benefiting from better enforcement of solid waste disposal standards |
| Surface of the CBC programme area (km2) benefiting from better enforcement of environmental protection standards |
| Number of pilot demonstration projects promoting higher environmental protection standards implemented |
| Number of recycling points in the territory of municipalities established |
| Number of inter-municipal and/or regional solutions developed for nature protection |
| Amount of waste (in tons) removed from illegal garbage dumps |
| Number of afforested locations |
| Number of green SOS lines established |
| Number of calls received through green SOS lines |
| Number of participants in volunteering actions (to be disaggregated by gender) |
| Number of education toolkits developed |
| Number of facilities newly constructed |
| Length of riverbed improved |
| Length of atmospheric/sewerage pipeline improved |
| Number of investments in waste management infrastructure made |
| Number of monitoring systems in waste management established |
| Decrease in the number of identified illegal connections to water supply network |

\* Indicators contained in the programme document and, therefore, considered as crucial for the achievement of programme objectives. Need to be included in every action for which they are relevant.

\*\* Indicators of a general nature that have to be included since they are relevant for every action.

\*\*\* Core indicators that are considered as very important, although not included in the programme document. Need to be included in every action for which they are relevant.