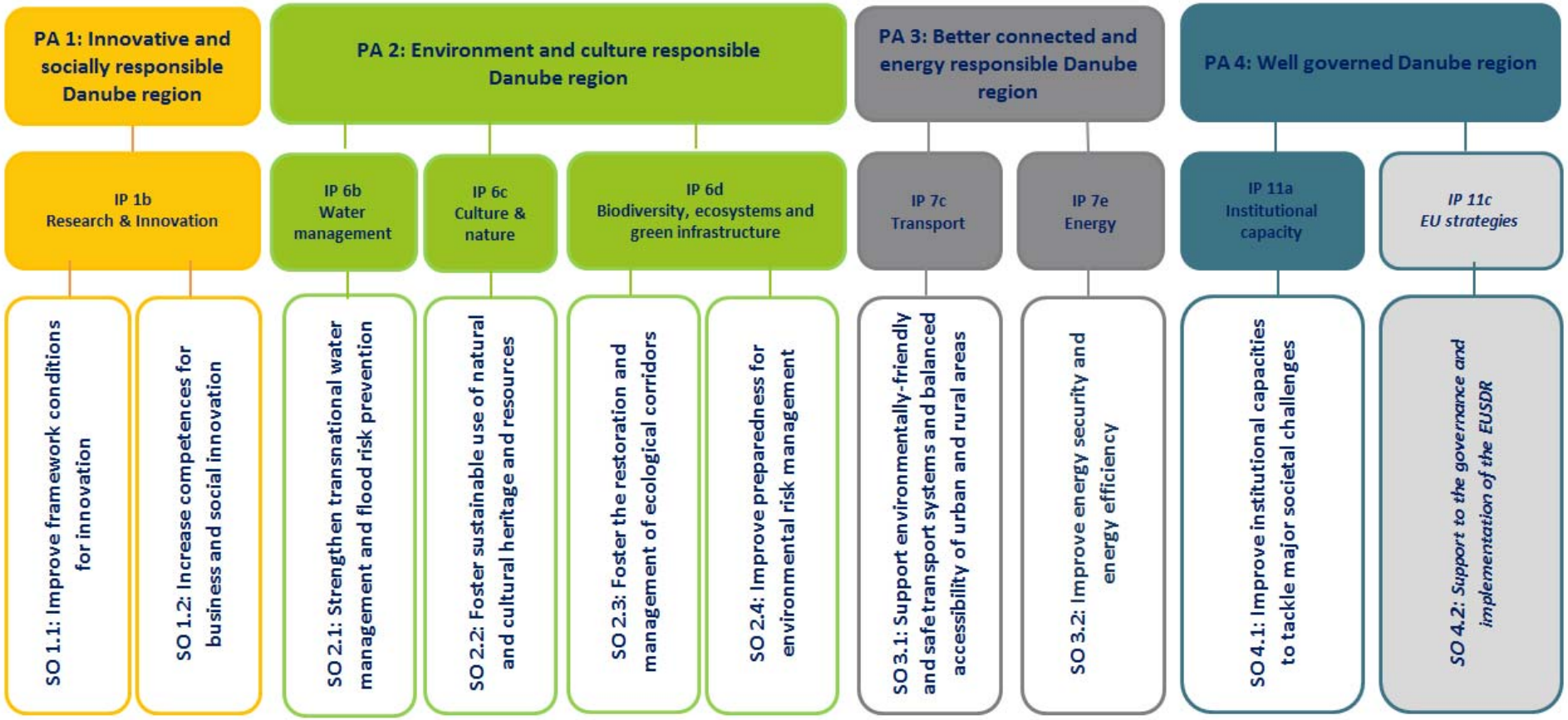
ANNEX I: INTERVENTION LOGIC



Interreg
Danube Transnational Programme

PRIORITY AXIS 1: INNOVATIVE AND SOCIALLY RESPONSIBLE DANUBE REGION

Investment priority 1b: Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector

SPECIFIC OBJECTIVE 1.1 Improve framework conditions for innovation

Expected results

- Improved strategic frameworks and cooperation to build up excellent research infrastructure in the Danube region.
- More effective collaborative research & innovation activities and support of competent networks between enterprises, R&D centres, education and higher education and the public sector to enhance the commercial use of research results, foster technology transfer and broaden access to knowledge.
- Improved coordination and developed practical solutions for cluster policies and transnational cluster cooperation for innovation development in technological areas (e.g. environmental technologies and energy efficiency) and non-technological areas (service innovation, social innovation) based on smart specialisation approaches (RIS3).
- Improved strategic frameworks and developed practical solutions to tackle bottleneck factors that hinder the innovation in SMEs, e.g. better access to innovation finance, support for innovative start-ups, and better assistance with the management of intellectual property rights.

Result indicator

Intensity of cooperation of key actors in the Programme area in order to improve framework for research and innovation

Examples of actions

- Development of excellent research and innovation infrastructure through joint planning and management;
- Development of joint smart approaches in technological and non-technological areas, strategies for improved access to innovation finance and start-ups, business development;
- Establishment of competent networks to develop and implement environmental technologies, products and services meeting social needs;
- Strengthen capacities of support organisations in the field of innovation.

Output indicators

Strategies/ Action plans / Tools / Pilot actions } **improving the institutional and infrastructural framework conditions and policy instruments for research and innovation and social dimension of innovation**

Interreg
Danube Transnational Programme

PRIORITY AXIS 1: INNOVATIVE AND SOCIALLY RESPONSIBLE DANUBE REGION

Investment priority 1b: Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector

SPECIFIC OBJECTIVE 1.2 Increase competences for business and social innovation

Expected results

- Improved policy learning and development of practical solutions to better adapt human resources to technological change and market requirements.
- Improved policies and practical solutions for entrepreneurial culture and learning. Building up a stronger culture of entrepreneurship, improve developing skills and competences for innovative entrepreneurship
- Improved environment, skills and competences to advance social innovation and social services to better meet social needs and further improve the capacities of regions and public institutions to manage new challenges such as those deriving from demographic change, migration and brain drain and to better provide services in the general interest.
- Built up joint educational offers in specific fields of interest (e.g. in sustainable transport sector).
- Improved systems for institutional learning and building capacities of public administration to better cope with innovation processes.

Result indicator

Intensity of cooperation of key actors in the Programme area in order to increase competences for business and social innovation

Examples of actions

- Transnational cooperation to increase skills allowing better adaptability of people to technological changes and labour market requirements;
- Development of strategies to stimulate entrepreneurship among youngsters and involvement in science and innovative activities;
- Implementation of innovative learning systems and development of innovative services (in such fields as migration, health, aging, business incubation, workplace innovation);
- Build up public administration capacities (e.g. innovative public procurement);
- Strategies to better link academic and business environments.

Output indicators

Strategies/
Action plans
Tools
Pilot actions

} **increasing competences of employees in the business sector and strengthening entrepreneurial culture and learning**

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PRIORITY AXIS 2: ENVIRONMENT AND CULTURE RESPONSIBLE DANUBE REGION

Investment priority 6b: Investing in the water sector to meet the requirements of the Union's environmental acquis and to address needs identified by the Member States

SPECIFIC OBJECTIVE 2.1 Strengthen transnational water management and flood risk prevention

Expected results

- Better integrated plans and developed solutions to further protect and enhance the status of all waters and to ensure the sustainable, long-term use of water resources in the Danube region strongly interlinked with sound flood risk management.

Result indicator

Intensity of cooperation of key actors in the Programme area in order to improve transnational water management and flood risk prevention

Examples of actions

- implementation of appropriate techniques and practices for the improvement of waste treatment;
- integrated policies for the reduction of the total amount of pollution entering the Danube river basin;
- prevention of groundwater quality deterioration;
- sustainable approach to manage risks of floods to protect human life and property;
- transboundary implementation of the Flood Directive;
- proper fluvial and sediment management to track sediment transport and morphological changes;
- Implementation of joint actions, facilitation of know-how transfer and capacity building for sound water management through education and training activities.

Output indicators

Strategies/ Action plans
Tools
Pilot actions

} **improving transnational water management and flood risk prevention**

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Danube Transnational Programme

PRIORITY AXIS 2: ENVIRONMENT AND CULTURE RESPONSIBLE DANUBE REGION

Investment priority 6c: Conserving, protecting, promoting and developing cultural and natural heritage

SPECIFIC OBJECTIVE 2.2 **Foster sustainable use of natural and cultural heritage and resources**

Expected results

- Improved frameworks, capacities and solutions for sustainable tourism development in the Danube region based on protection and sustainable use of natural and cultural heritage and resources, reduction of resource and energy consumption and sustainable mobility management in order to reap multiple benefits in terms of economic development, environmental protection and quality of life.
- Improved strategies and tools for sustainable use of cultural and natural heritage and resources for regional development in order to avoid or limit use conflicts (e.g. with tourism, natural resource consumption).

Result indicator

Intensity of cooperation of key actors in the Programme area in order to strengthen sustainable use of natural and cultural heritage and resources

Examples of actions

- Development of integrated solutions for sustainable tourism, leisure and culture;
- Implementation of strategies for the protection, management and sustainable use and preservation of natural and cultural heritage in close interaction with nature conservation;
- Development of strategies to reduce energy consumption and CO_2 emissions and create sustainable solutions for mobility management as part of tourism development;
- Development and implementation of education, training and capacity building to support quality tourism;
- Stimulate multiculturalism, cultural exchange in order to create cultural diversity.

Output indicators

Strategies/
Action plans
Tools
Pilot actions

preserving and management of natural and cultural heritage and resources

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Danube Transnational Programme

PRIORITY AXIS 2: ENVIRONMENT AND CULTURE RESPONSIBLE DANUBE REGION

Investment priority 6d: Protecting and restoring biodiversity and soil and promoting ecosystem services, including through Natura 2000 and green infrastructure

SPECIFIC OBJECTIVE 2.3 Foster the restoration and management of ecological corridors

Expected results

- Improved strategic frameworks and developed concrete solutions to restore, conserve and improve a network of green infrastructures/ bio-corridors in the Danube region consisting of natural and semi-natural habitats to help reduce the fragmentation of ecosystems and improving the connectivity between sites in the Natura 2000 network in order to ensure biodiversity.

Result indicator

Intensity of cooperation of key actors in the Programme area in order to foster restoration and management of ecological corridors

Examples of actions

- Development of concrete solutions to restore, conserve and improve bio-corridors of transnational relevance;
- Development of advanced tools for mapping, diagnosing, protection and management of natural landscapes;
- Improvement of spatial planning and integrated management of habitats;
- Harmonization of flood protection and rehabilitation of river systems;
- Fostering integrated approaches for soil protection;
- Implementation of coordinated measures to control and eradicate invasive alien species in the Danube region.

Output indicators

Strategies/ Action plans / Tools / Pilot actions } **strengthening approaches to preservation, restoring and management of bio-corridors and wetlands**

Interreg
Danube Transnational Programme

PRIORITY AXIS 2: ENVIRONMENT AND CULTURE RESPONSIBLE DANUBE REGION

Investment priority 6d: Protecting and restoring biodiversity and soil and promoting ecosystem services, including through Natura 2000 and green infrastructure

SPECIFIC OBJECTIVE 2.4 Improve preparedness for environmental risk management

Expected results

- Improved strategic and operational cooperation and interoperability among the emergency response authorities and stakeholders at all levels in the Danube countries. This includes the development of joint strategies and action plans for more effective management of natural and manmade disasters; building up a common knowledge base and data observation capacities, and mechanisms for the exchange of information; joint development of tools, development and practical implementation of education, training and capacity building.

Result indicator

Intensity of cooperation of key actors in the Programme area in order to improve preparedness for environmental risk management

Examples of actions

- Development of joint strategies and action plans for risk management, including future scenarios and development of integrated and harmonized response procedures;
- Build up common knowledge and observation capacities for risk mapping and update of existing risk spots database;
- Development of discussion platforms on the topic of climate adaptation and reduction of disaster;
- Development of joint tools to improve performance of relevant public institutions;
- Implementation of education and training activities in accordance with EU standards with regard to emergency and disaster management;
- Transnational cooperation for the elimination of unconventional explosive devices and hazardous ammunition as well as handling of dangerous goods.

Output indicators

Strategies/ Action plans / Tools / Pilot actions } **Improving strategic and operational cooperation and interoperability among the emergency response authorities and stakeholders**

Interreg
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PRIORITY AXIS 3: BETTER CONNECTED AND ENERGY RESPONSIBLE DANUBE REGION

Investment priority 7c: Developing and improving environmentally-friendly (including low-noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility infrastructure

SPECIFIC OBJECTIVE 3.1 **Support environmentally-friendly and safe transport systems and balanced accessibility of urban and rural areas**

Expected results

- Contribute to the development of a better connected and interoperable environmentally-friendly transport system.
- Better integrated policies and practical solutions to further developing waterways while limiting negative impacts of the transport systems on the Danube ecosystem.
- Improving coordination and transnational integration among transport stakeholders to further develop multimodal hubs, terminals and links.
- Contribute to a safer transport network.
- Contribute to a better organisation of public transport links and other sustainable modes of transport in functional urban and rural areas and contribute to a better connectivity.

Result indicator

Intensity of cooperation of key actors in the Programme area in order to strengthen environmentally friendly, safe and balanced transport systems

Examples of actions

- Development of integrated transport frameworks and joint coordination measures to improve mobility, connectivity and accessibility;
- Development of joint solutions for a better management of environmental friendly transport corridors
- Development of integrated approaches to further develop waterways in terms of infrastructure, maintenance, fleet and port modernisation;
- Harmonisation of technical, safety, legal, organisational and other aspects of transport modes and networks.

Output indicators

Strategies/
Action plans
Tools
Pilot actions

enhancing transport safety/ developing environmental transport systems/ improving connectivity / improving transport planning, organization and coordination

Interreg
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PRIORITY AXIS 3: BETTER CONNECTED AND ENERGY RESPONSIBLE DANUBE REGION

Investment priority 7e: Improving energy efficiency and security of supply through the development of smart energy distribution, storage and transmission systems and through the integration of distributed generation from renewable sources

SPECIFIC OBJECTIVE 3.2 Improve energy security and energy efficiency

Expected results

- Improved information sharing and practical coordination of regional energy planning to achieve effective energy distribution, energy storage, diversification of energy sources including promotion of all kinds of renewable energy sources and higher energy efficiency in order to contribute to the security of energy supply.

Result indicator

Intensity of cooperation of key actors in the Programme area in order to contribute to energy security and energy efficiency

Examples of actions

- Diversification of energy sources and transnational integration of energy networks;
- Development of strategies to secure energy supplies;
- Explore opportunities for the development of a joint energy infrastructure in the Danube region;
- Support smart grid policy integration and actual development of Smart Grids;
- Development of practical strategies and solutions to increase the use of renewable energy sources;
- Development of energy efficiency concepts through transnational cooperation;
- Promote exchange of experience with a view to policy and technology development.

Output indicators

Strategies/
Action plans
Tools
Pilot actions

increasing energy efficiency / intensifying use of alternative and renewable energy / ensuring energy supply/ developing smart grids/ improving energy storage, distribution and transmission systems/ improving practical coordination of regional energy planning

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PRIORITY AXIS 4: WELL GOVERNED DANUBE REGION

Investment priority 11: Enhancing institutional capacity of public authorities and stakeholders and efficient public administration through actions to strengthen the institutional capacity and the efficiency of public administrations and public services

SPECIFIC OBJECTIVE 4.1 Improve institutional capacities to tackle major societal challenges

Expected results

- Improved capacities of public institutions and stakeholders to tackle major societal challenges in fields such as labour market policies, education systems and policies, demographic change and migration challenges, inclusion of vulnerable and marginalized groups, participatory planning process and involvement of civil society, urban-rural cooperation and partnership, cooperation on safety, justice and security and administrative issues.

Result indicator

Intensity of cooperation of institutional actors and other stakeholders in the Programme area in order to tackle major societal challenges

Examples of actions

- Transfer of know-how and exchange of best practices between labour market and social partners to increase employability and avoid brain waste;
- Improvement of knowledge, skills and competences through the implementation of improved education systems and policies;
- Development of innovative learning systems addressing demographic change and migration challenges;
- Development of strategies, tools, methodologies and policies for social inclusion of marginalised and vulnerable groups;
- Development of joint policies and tools to strengthen participatory planning and involvement of civil society;
- Enhanced cooperation of public administration to improve quality and effectiveness of strategic planning at national, regional and local level.

Output indicators

Strategies/ Action plans
Tools
Pilot actions

} **strengthening institutional capacities and transnational multilevel governance**