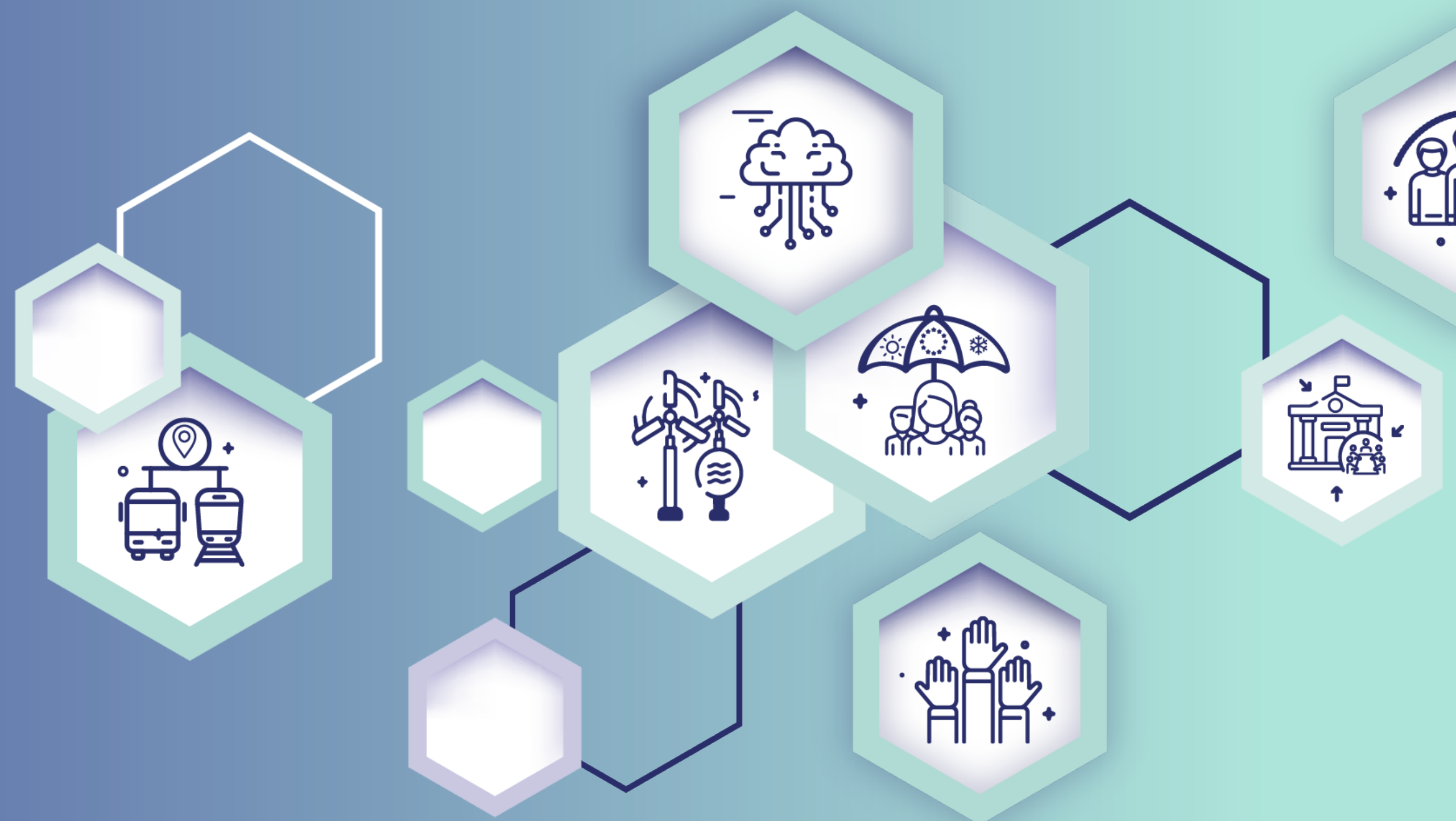


#Interreg

Interreg GO!

27>28 March 2025

Gorizia / Nova Gorica





Building a Greener Europe Through Water Resilience and Integrated Management

Nicolas Garnier – Interact

Advancing a Greener Europe: Tackling Water Challenges for a Sustainable Future

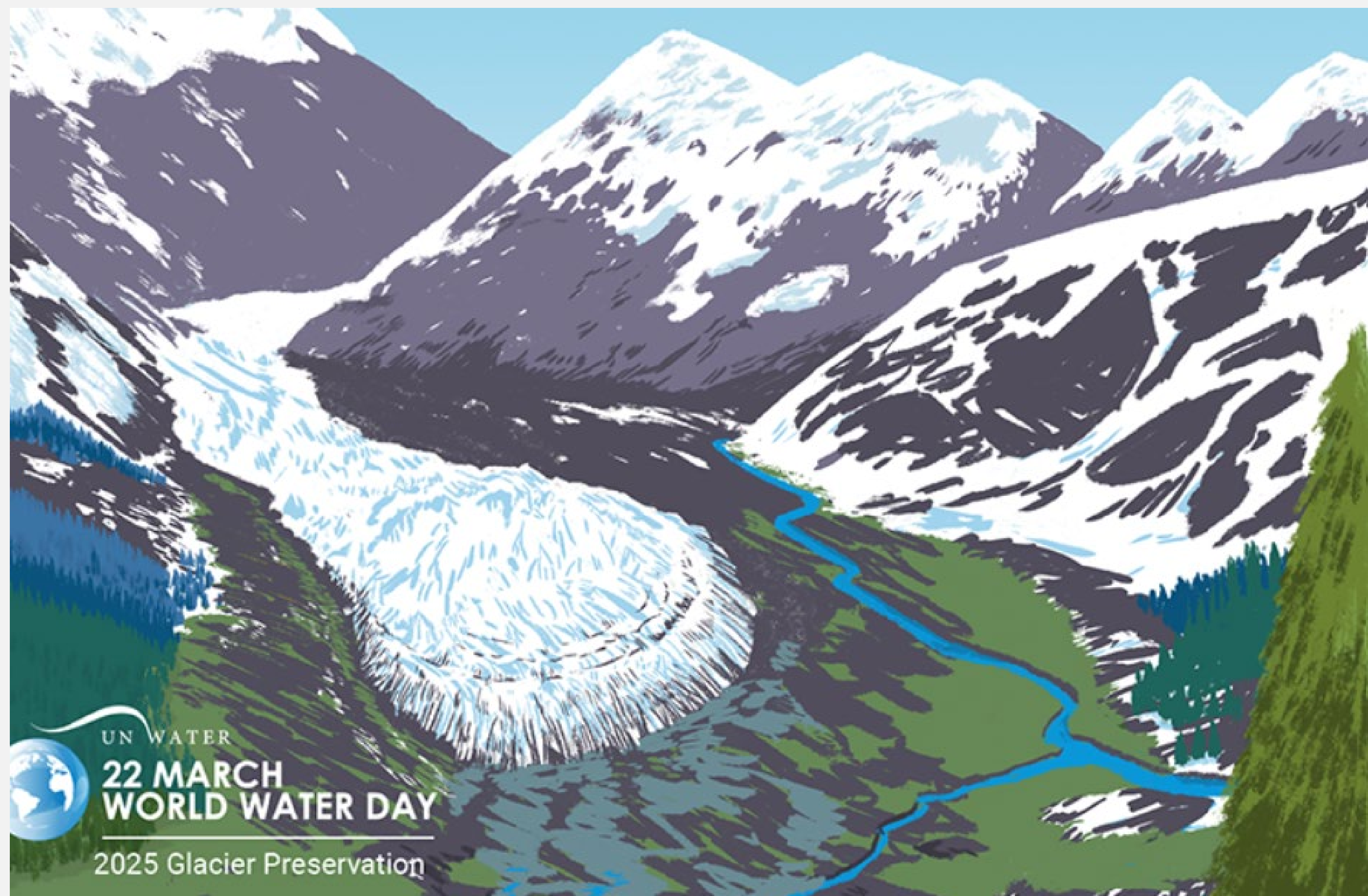
Importance of Water: Essential for biodiversity, climate resilience, and the circular economy, facing growing pressures from climate change, pollution, and competing demands.

EU Agenda: Water resilience is a key priority, requiring comprehensive and collaborative solutions.

Role of Interreg: Supports cross-border cooperation and innovative approaches to sustainable water management.

Impact: Clean water drives environmental, economic, and social well-being, linking green transition with fairness and competitiveness.

Session Goals: Showcase successful projects and approaches, demonstrating how Interreg helps regions strengthen water resilience



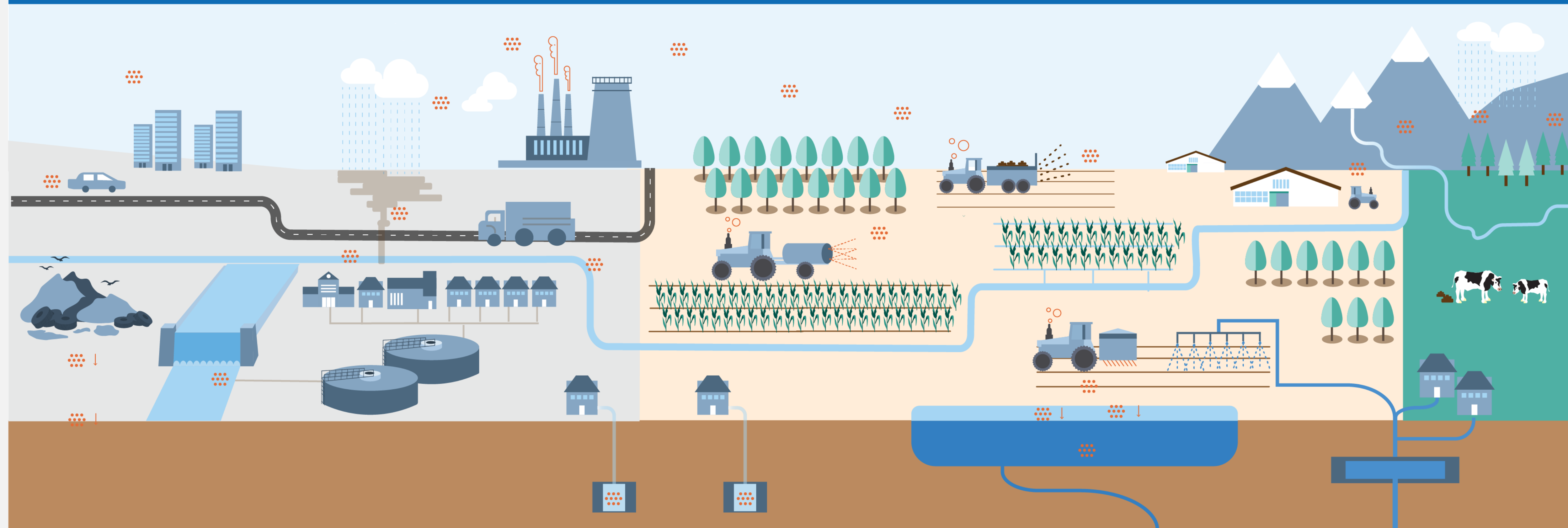
PRESSURES TO SURFACE WATER

Natural flow and physical features:
dams, flood protection, drainage

Point source pollution:
waste water treatment plants,
industry, storm overflows

Diffuse pollution:
agriculture, septic tanks,
runoff

Diffuse atmospheric pollution:
coal burning, vehicle emissions



PRESSURES TO GROUNDWATER

Point source pollution:
contaminated land,
waste disposal sites

Diffuse pollution:
agriculture, urban runoff,
septic tanks

Abstraction:
public water supply,
agriculture, industry

PO2 Greener Europe – Planned vs Implemented



Specific Objective Name	EU Amount	Total Amount	EU Eligible Costs of Selected Operations (estimated)	EU spend share (Eligible Expenditure Declared)	Number Of Operations	% Total cost selected	% Total cost spending
RSO2.1 Energy efficiency	251.606.022	342.421.699	91.904.739	15.142.438	104	37,8	6,2
RSO2.2 Renewable energy	230.284.347	323.219.754	138.985.572	9.852.308	89	62,0	4,8
RSO2.3 Smart energy systems	34.749.685	56.409.997	10.087.576	408.006	5	28,0	1,2
RSO2.4 Climate change adaptation	1.191.705.836	1.551.201.501	603.758.077	23.604.226	718	52,4	2,2
RSO2.5 Sustainable water	283.971.955	353.976.110	160.635.896	15.920.632	111	56,5	5,6
RSO2.6 Circular economy	544.357.158	765.558.654	253.737.343	35.160.372	245	47,7	6,7
RSO2.7 Nature protection and biodiversity	953.012.618	1.253.080.945	387.523.143	23.286.445	452	41,7	2,7
RSO2.8 Sustainable urban mobility	120.442.642	157.356.289	73.197.929	12.395.345	51	64,6	11,4
PO2 Greener Europe	3.610.130.263	4.803.224.949	1.719.830.275	135.769.771	1.775	48,9	4,0

TIDYUP



Works to enhance water quality and diminish plastic pollution in the Tisza River, with cross-border cooperation in the Danube Basin. Focuses on implementing measurement methods and practical **solutions against plastic waste pollution**.



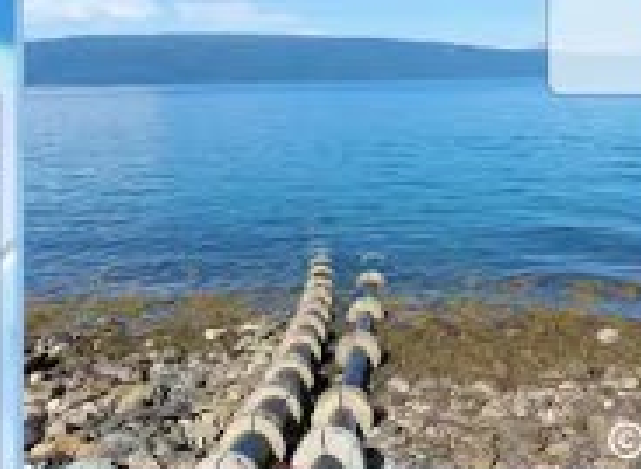
NAWAMED




Implementing **nature-based solutions for domestic water reuse** in Mediterranean countries, aiming to address water inefficiency issues. Through real-scale pilot projects in schools and public facilities, it treats and reuses greywater and rainwater, significantly reducing water consumption and promoting sustainability.



ENFORCE



It aims to develop a resource-efficient **wastewater management model** in Northern Periphery and Arctic regions to reduce water and environmental footprint. By shifting the view of wastewater treatment from a utility service to a resource recovery approach, it aims to make treatment plants environmentally and financially sustainable.



DANUBESEDIMENT



Restores the Danube's **sediment balance, reducing flood risks and improving navigation**. Analyses human-induced sediment alterations and suggests coordinated monitoring and management for sustainability.



ECO-SMART



It aims to conserve biodiversity in NATURA 2000 sites in Italy and Slovenia through **Payment for Ecosystem Services (PES)** methods for climate change adaptation. It developed a scalable system, conducted pilot applications, and trained stakeholders, resulting in effective PES analysis and adaptation plans.



CARE-PEAT



It restores carbon storage in North-West European peatlands using innovative techniques across seven pilot sites. Its goal is to prevent emissions and demonstrate the potential for **peatland restoration**.



DANUBE HAZARD M3C



Addressing **hazardous substances pollution** in the Danube River Basin by improving cross-border management. It uses measurement, modeling, and training to strengthen institutions and promote sustainable practices.



Interreg



Co-funded by the European Union

MORE THAN 430 WATER MANAGEMENT INTERREG PROJECTS (2014-2020)

TOTAL BUDGET VALUE OF 948 MILLION €

RESIRIVER



It works to **enhance river resilience** in North-West Europe by expanding Nature-based Solutions (NbS). These solutions tackle climate change challenges like floods and droughts. The project aims to speed up the use of NbS for climate resilience and a thriving Blue Economy




LIFELINEMDD




Improving **ecological connectivity** in the Mura-Drava-Danube river corridor. The project restores natural river dynamics to enhance biodiversity. It involves scientific studies and pilot actions, fostering cooperation among stakeholders for sustainable results.



WABIN



It integrates hydrogeological basin methodologies and **water balance forecast models** to promote sustainable water management, addressing climate change adaptation and water resource inefficiencies.



IMPAKT!



It assess the **impact of sewer discharges** on the Warmbeek and Dommel rivers in collaboration with Flemish and Dutch authorities. Extensive measurements and modeling identified challenges in water quality management and the insights led to targeted improvements like surface water aeration and overflow management.



DESAL+



It aims to **improve desalination technology** and research by creating a joint research platform. The project focuses on modernizing infrastructure, developing innovative solutions, and enhancing training for researchers, emphasizing desalination and renewable energy use.



IRRIGAVIT



It aims to expand **irrigation practices in viticulture** to address climate change challenges, particularly drought. Developing and transferring irrigation protocols to winemakers, promoting sustainable vineyard management.



GEMS



It aims to **enhance European public policies for sustainable groundwater management in nitrate vulnerable zones** affected by agricultural activities. The project focuses on data monitoring, groundwater quality, pollution, policy, governance, stakeholder engagement, and integrated water management. It involves eight experienced public authorities across Europe to address and mitigate high nitrate pollution.

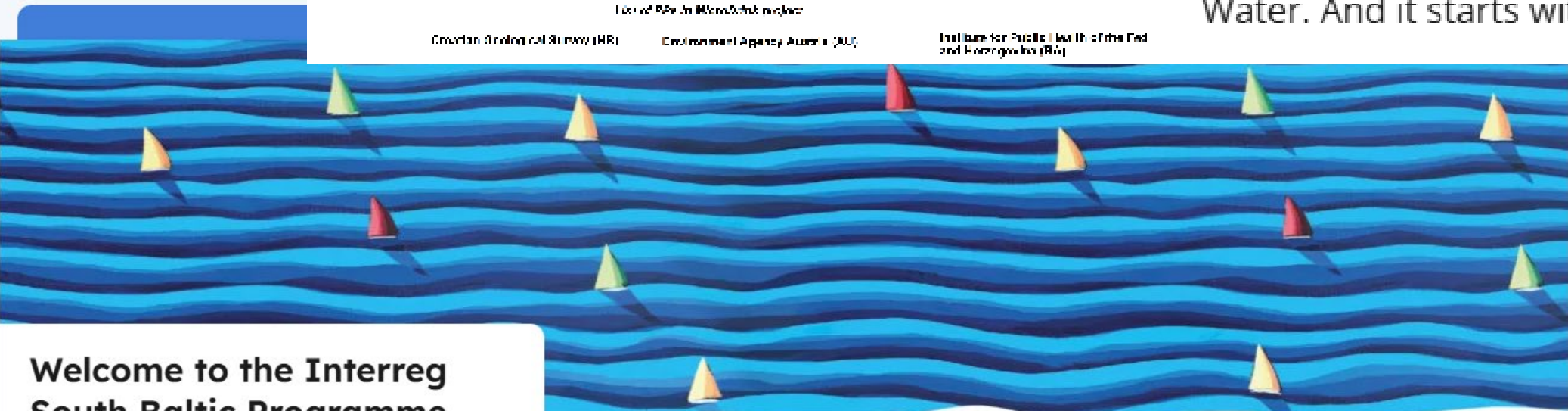
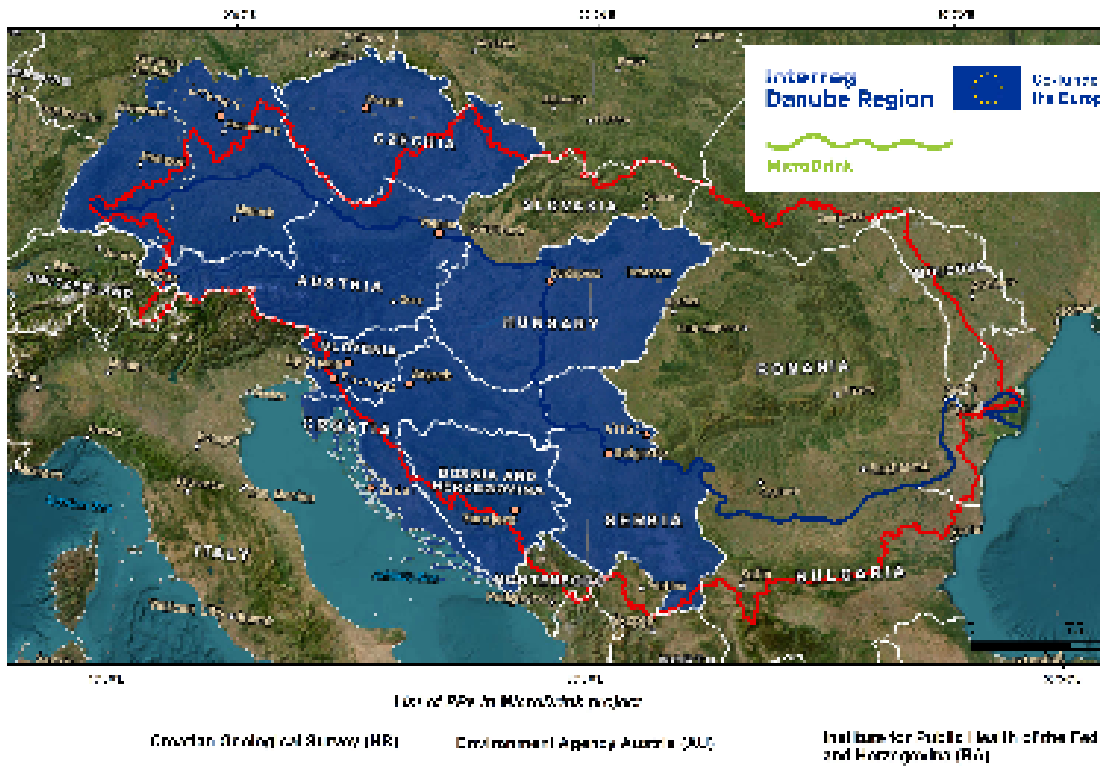






MicroDrink project a success story on EU Commission news blog

We are proud to present how our Interreg Danube project MicroDrink aims to help combat the presence and impact of microplastics in surface and groundwater - especially drinking water sources in the Danube region. We, the Interreg Danube Region Programme, together with our project partners, stakeholders and citizens, are united in our commitment to help our blue planet save its treasure - its majesty, Water. And it starts with the Danube region.



Welcome to the Interreg South Baltic Programme 2021-2027

Italy – Croatia



Programmes with Specific Objective 5

Promoting access to water and sustainable water management



2021 - 2027 Interreg VI-A Austria-Hungary



2021 - 2027 Interreg VI-A Belgium-France (Wallonie-Vlaanderen-France)



2021 - 2027 Interreg VI-A France-Switzerland



2021 - 2027 Interreg VI-A IPA Greece Albania



2021 - 2027 Interreg VI-A NEXT Italy - Tunisia



2021 - 2027 Interreg VI-A NEXT Poland - Ukraine



2021 - 2027 Interreg VI-A PEACE PLUS Ireland-Northern Ireland/United Kingdom



2021 - 2027 Interreg VI-A Poland-Denmark-Germany-Lithuania-Sweden (South Baltic)



2021 - 2027 Interreg VI-A Spain-France-Andorra (POCTEFA)



2021 - 2027 Interreg VI-B Baltic Sea Region



2021 - 2027 Interreg VI-B Danube



2021 - 2027 Interreg VI-B NEXT Mediterranean Sea Basin (NEXT MED)

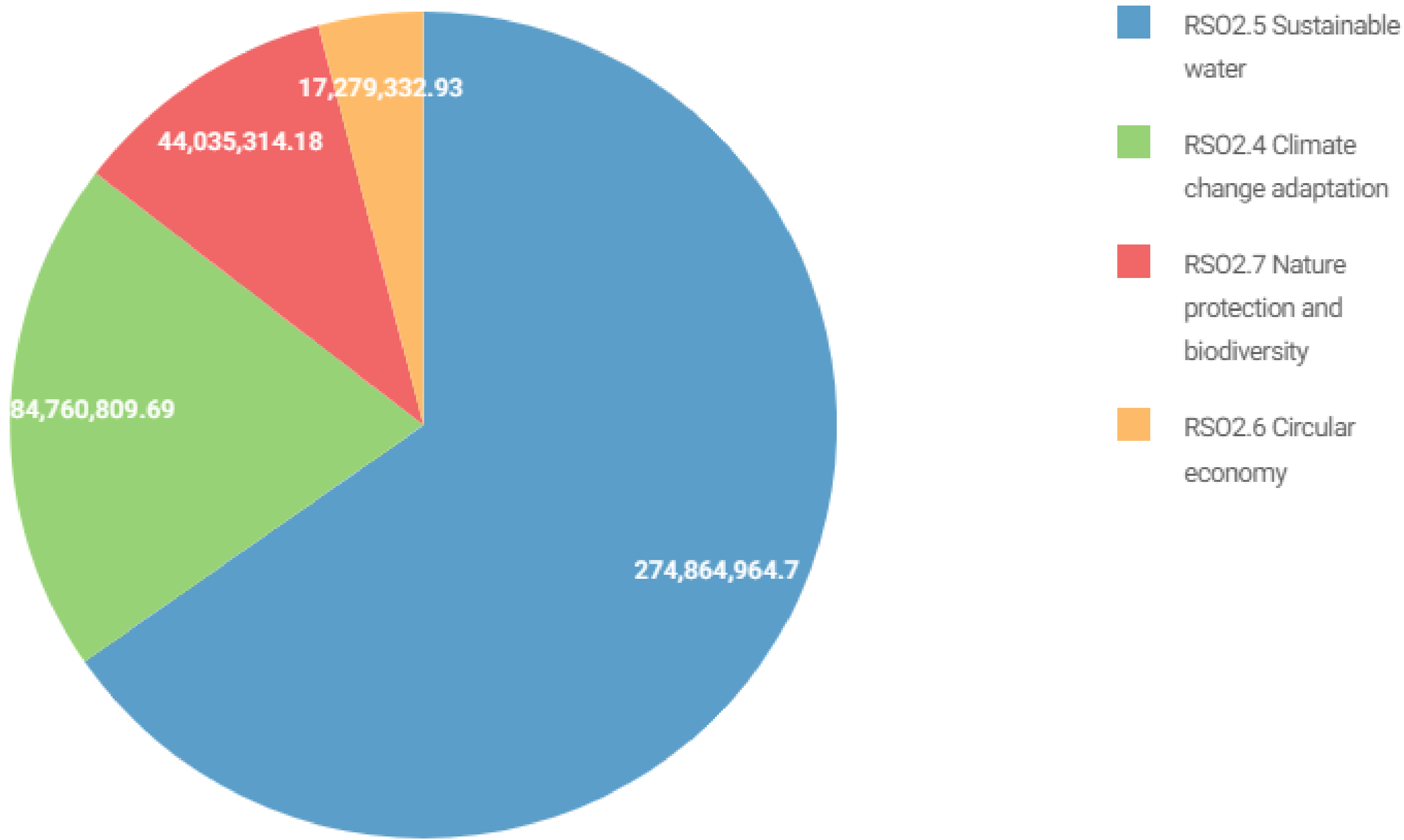


2021 - 2027 Interreg VI-B South West Europe (SUDOE)



Supporting water management within PO2

21-27 water and sustainable water management: PO2 dedicated intervention... 2



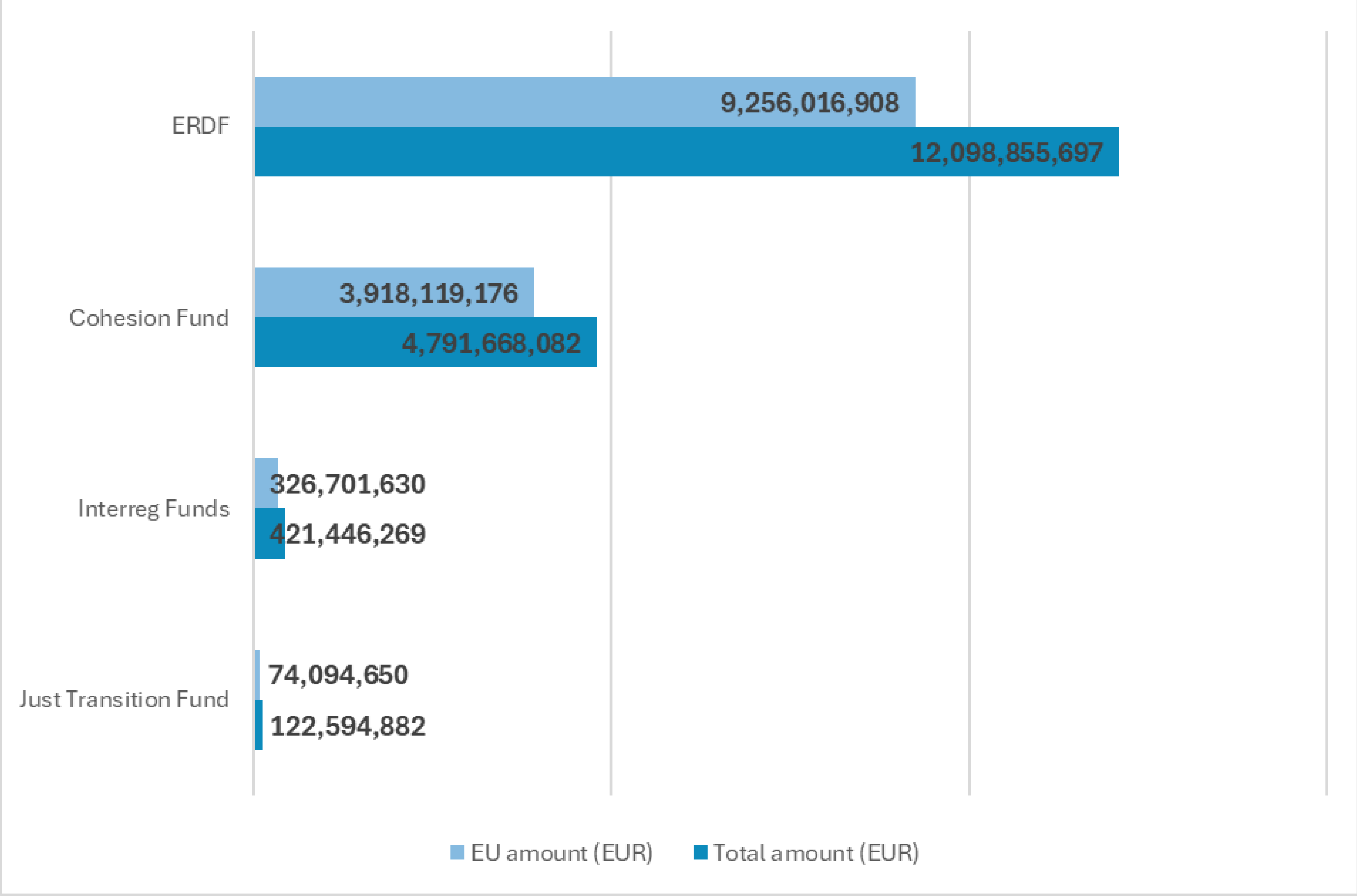
Improving access to water and sustainable water management – core objective of the 5 types of investment, related to SO5...

- Water management and water resource conservation
- Wastewater collection and treatment
- Provision of water for human consumption

But not only!

21-27 water and sustainable water management

Planned amounts by fund



EUR 16.9 billion investment through EU Cohesion Policy

Over a 3% share of the total programmed cohesion policy funding

Protecting water in EU regions

EU Policy Framework

EU Water Framework Directive

Groundwater Directive

Floods Directive

European Strategy for Plastics



Marine Strategy Framework Directive

Bathing Water Directive

Urban Wastewater Treatment Directive

Drinking Water Directive

Zero-Pollution Action Plan



Water management by Interreg

Panel discussion

Moderator – Reka Roszavolgyi

European Commission, DG REGIO Unit D.1

Costanza Cernusco

Policy Officer

European Commission, DG Environment

Annelies Broekman

Researcher – CREA Water and Global Change
Community4Nature project – Interreg Euro-MED

Elena Kolosova

Programme Officer

Joint Secretariat – Interreg Baltic Sea Region

Attila Mólnar

Project leader – PET Kupa
#GoBodrog project – Interreg Hungary-Slovakia



Next opportunities to meet and discuss

30 April

Interact - Interreg for a Greener Europe Webinar Series

Climate change adaptation – disaster risk management

And more to come...

EU Green Week (Circular Economy) – 3-5 June

EU Sustainable Energy Week – 10-12 June



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QR CODE -
Registration

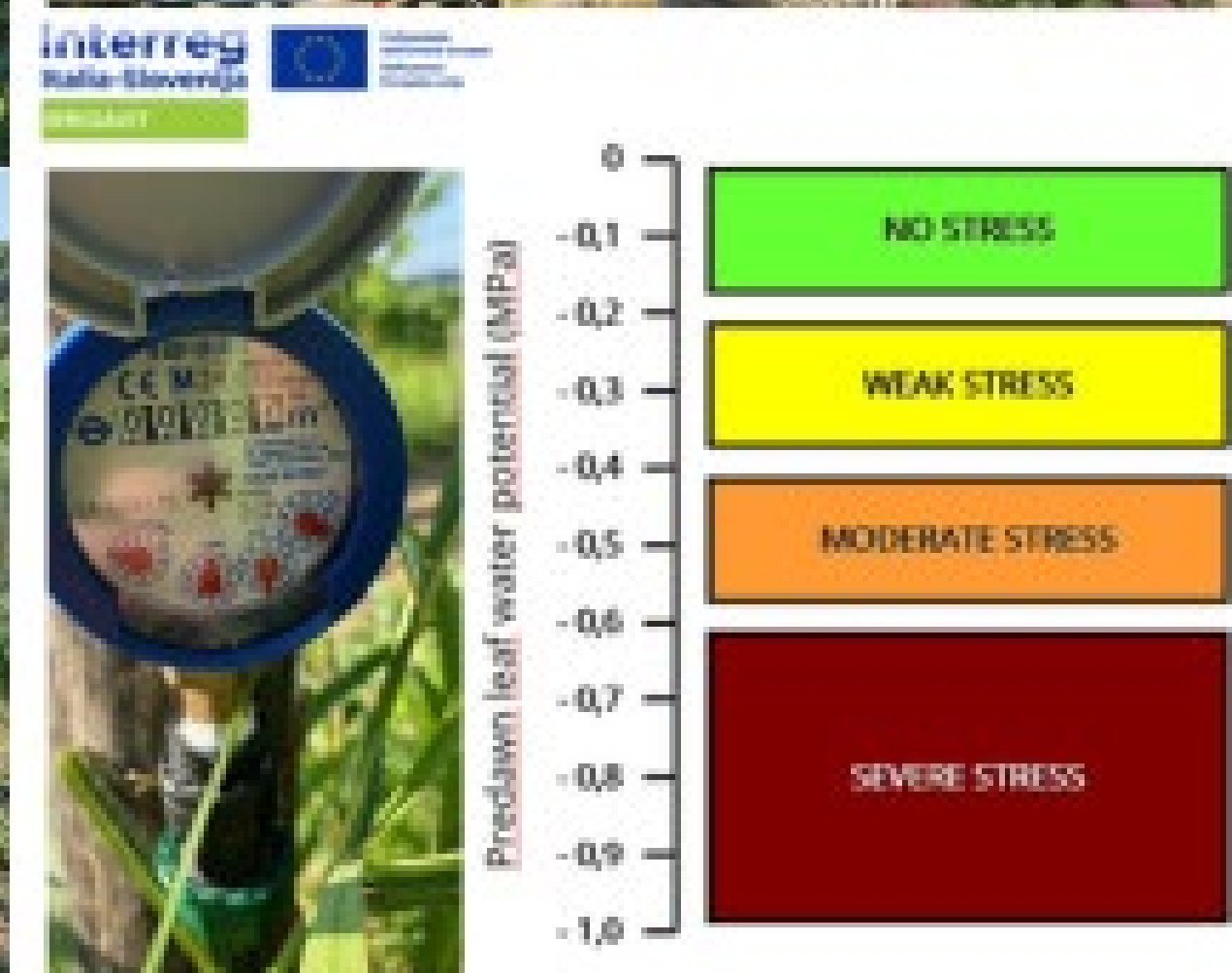
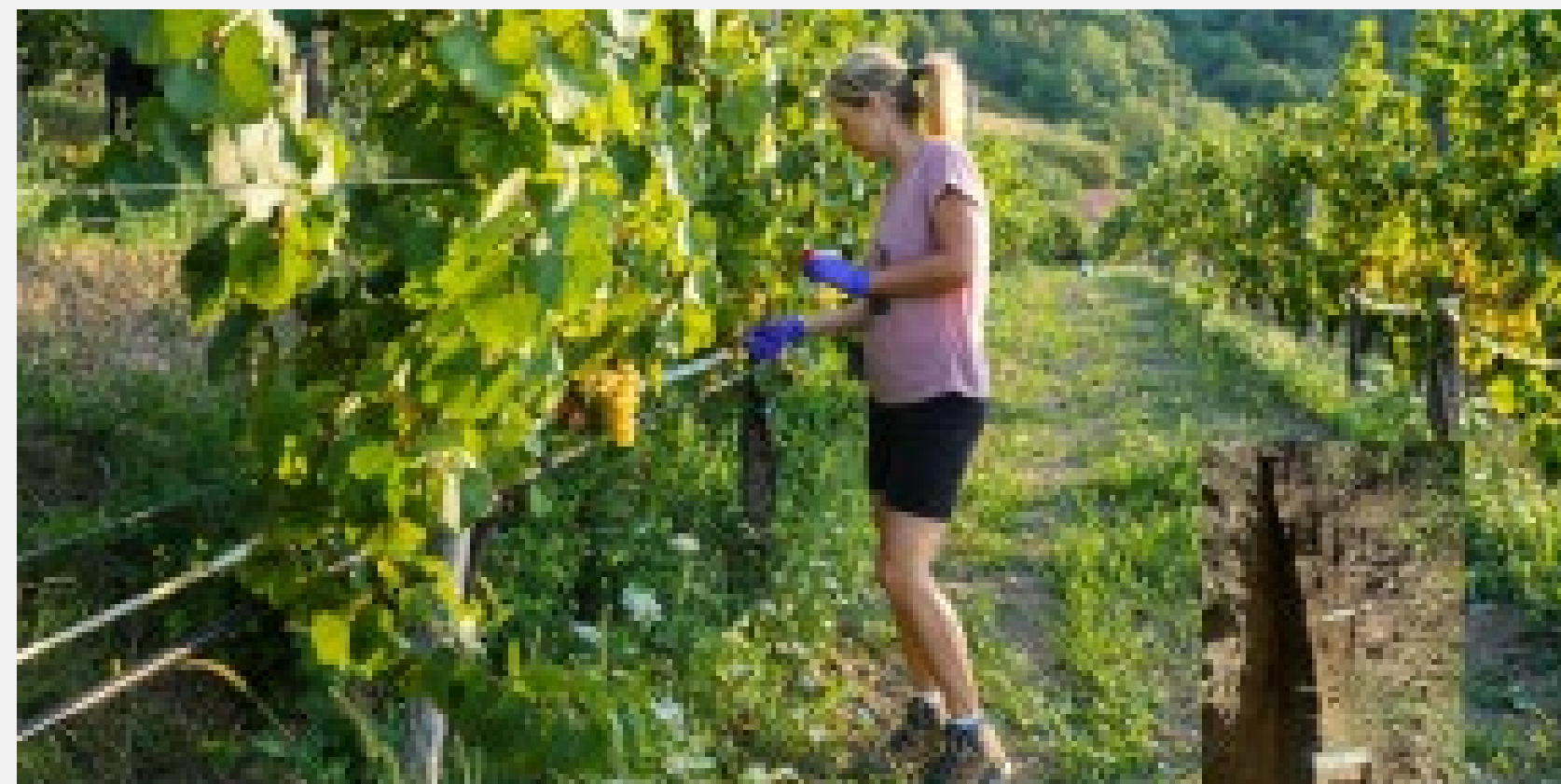
Project visit

IRRIGAVIT

Rational irrigation and
soil management in
cross-border viticulture

Villa Nachini Cabassi

Corno di Rosazzo



Building a Greener Europe Through Water Resilience and Integrated Management

Thank you!
Grazie!
Hvala!