

Regional opportunities in Innovative Sustainable Economy

4th April, Sarajevo



Innovative





Agenda

09:00 - 9:30 - Registration

09:30-10:10 - Opening session: Local Perspective & Synergies

Welcome by the Moderator (CENER 21)

Introductory Remarks: Importance of local engagement in the ISE Mission

Lightning presentations by selected local partners (5 mins each):

- Rasim Tulumović, LINK (eWAsTER)
- Tea Mioković Polić, UNSA, Faculty of Economics in Sarajevo (REPper)
- Aida Švraka, ZDC (ProcuraMED)
- Sandra Memišević, DEI (Dialogue4Innovation)
- Ana Krmek, NEUM (eWAsTER)
- Ema Midžić, CENER 21 (Carbon Farming MED)
- Zlatan Saračević, SERDA (CircleMED)

10:10 – 11:00 – Scaling Up Regional Innovation: Gaps, Challenges, and Opportunities

Panel discussion moderator: Sadžida Hafizović, CENER 21

- Ana Krmek, NEUM
- Rasim Tulumović, LINK
- Tea Mioković Polić, UNSA, Faculty of Economics in Sarajevo
- Zlatan Saračević, SERDA
- Aida Švraka, ZDC
- Sandra Memišević, DEICMBA
- Ema Midžić, CENER 21

11:30 – 12:30 - Case Study Presentations - showcasing impactful pilot projects & initiatives

Slovenian REUSE model and work of REUSE center

Martina Majcen, ORZ and Nathalie Maccagnan, CPU – eWAsTER

Carbon Farming MED – good practices

Carlos Alberto Torres Guerrero

Survey on Public Awareness of the Circular Economy – Findings and next steps

Zlatan Saračević, SERDA - CircleMED

12:30 - 12:45 - Q&A and survey

12:45 - 13:00 - Conclusions and next steps

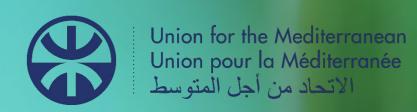
- Summary of key takeaways
- Potential Joint Initiatives & Future Collaborations
- Closing remarks

13:00 – 14:00 – Lunch break









Local Perspective & Synergies











LINK ENTREPRENEURIAL CENTRE

Regional Opportunities in ISE 4th April, Sarajevo

Rasim Tulumovic









About LINK Entrepreneurial Centre



Established in April 2001 in Mostar as association of entrepreneurs with purpose to link entrepreneurs in the divided city and country and link entrepreneurs with authorities.

Since beginning of 2024, LINK works as Entrepreneurial Center. Today, LINK is self-sustainable organization that is becoming an internationally recognized platform for the development of local economy and entrepreneurship.

Evolving Mission 2024 – 2027 - 2034

- ☐ Gathers entrepreneurs, represents/advocates their interests and those of other small businesses and entrepreneurs and provides them with direct information, business advisory and financial support for growth and development
- ☐ Provides support to citizens and actors in the process of development of local communities, as well as strategic planning, preparation and implementation of development projects and systematic improvement of the business environment
- ☐ Works on the systemic development of entrepreneurial infrastructure and developing own instruments and methodologies for support
- ☐ We are a facilitator of development (we accelerate development by mediating between local and international actors)







What we do



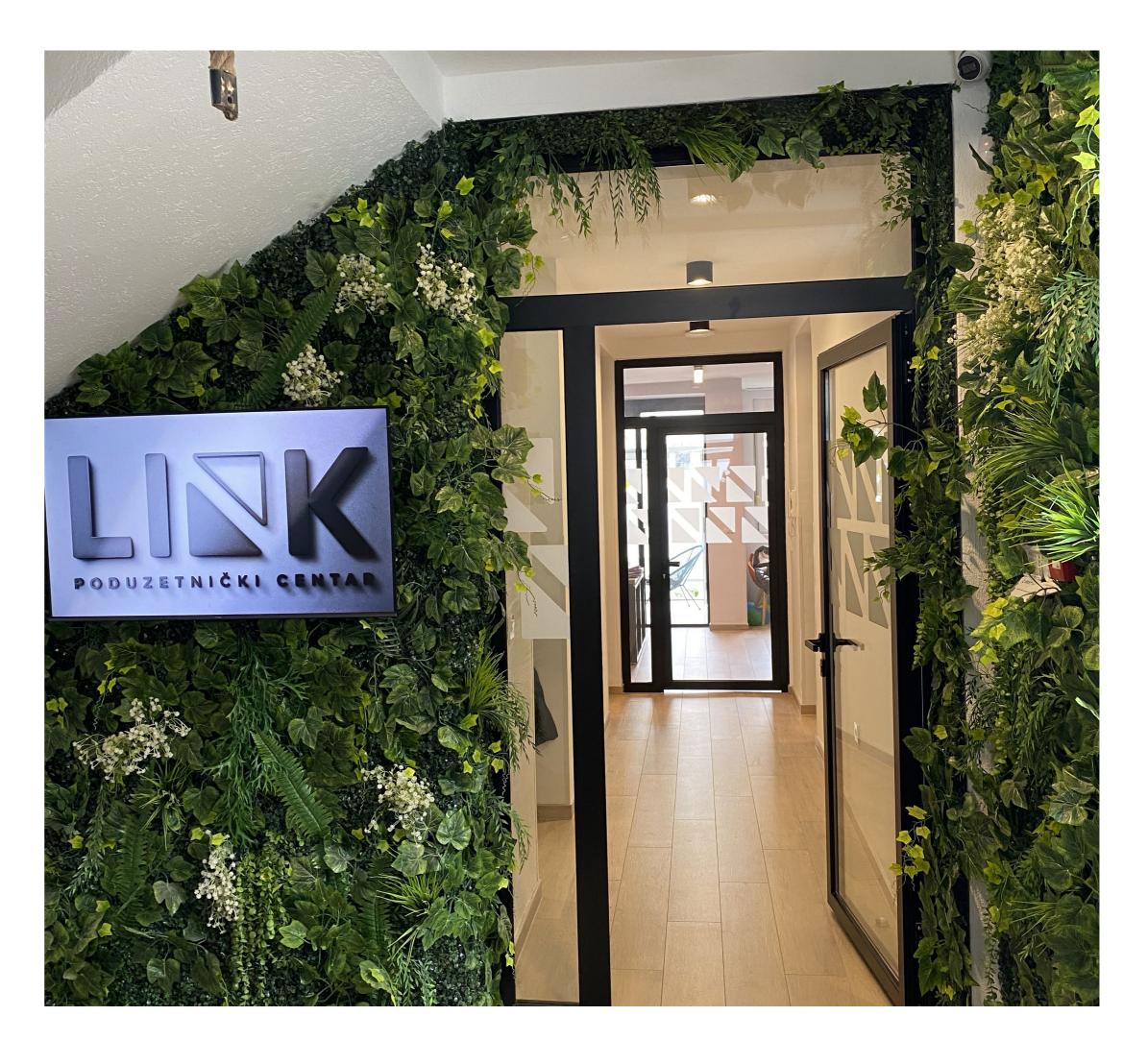
- Internal capacity building (staff, infrastructure, digitalization, think-tank)
- Support to entrepreneurs (advocacy, funding opportunities, advisory and technical support, support to start ups, social entrepreneurship)
- Local (economic) development (strategic development and research, funding opportunities, LEDnet)
- Favorable business environment (public private consultations, legislation, development programs)





Internal capacity building (staff, infrastructure, digitalization, think-tank)











Support to entrepreneurs (advocacy, funding opportunities, advisory and technical support, support to start ups, social entrepreneurship)



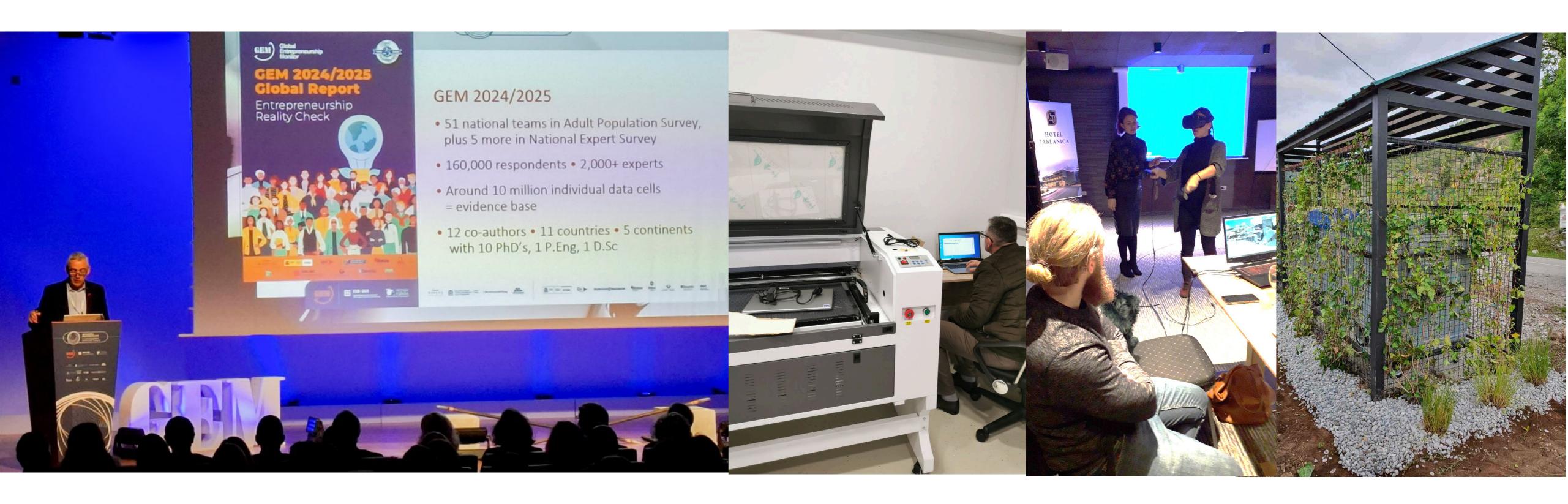








Local (economic) development (strategic development and research, funding opportunities, LEDnet)









Favorable business environment (public private consultations, legislation, development programs)













Future plans

Future plans or upcoming projects

Our vision is to make LiNK an internationally recognized platform for local economic and entrepreneurship development.

Opportunities for collaboration (How we can support to engage?)

Development of strategic partnerships

Development of joint development initiatives and platforms

Access to EU and other funds

Joint applications for service contracts







Let's connect!



Thank you!



www.linkmostar.org





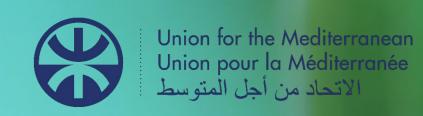
info@linkmostar.org



https://www.facebook.com/link.mostar



https://www.instagram.com/link.mostar/



University of Sarajevo – School of Economics and Business

Regional Opportunities in ISE 4th April, Sarajevo

Assistant Professor Tea Miokovic Polic, Phatea.miokovic@efsa.unsa.ba









About UNSA-SEBS



- UNSA: 25 faculties, 3 academies and 5 research Institutes from different fields
- UNSA School of Economics and Business (SEBS), est. in 1952, is the oldest and biggest higher education institution in economics and management in BiH
- 3 locations, 4.000 students, 9 departments in 11 fields, 80 faculty and 57 staff members
- Degree programs: 3 levels of study, independently and in partnership, in local and English language
- Corporate connections: Business Academy, (International) Business Advisory Board, Alumni Association
- International partnerships: internationalization and joint programs (GCD and FELU)
- AACSB (2015, 2021) and EFMD (2012, 2015, 2018) accredited







What we do



- Impact: Economic Forum of BiH, Sarajevo Innovation Summit, international conferences on Economic and Social Studies and on Official Statistics, CEO conference, Industrial Marketing Management Summit
- Research hub: two scientific journals and the EFSA Proceedings
- Support services: Center for Green Economy and Sustainable Energy Transition, Centre of Excellence for Evaluation and Policy Research, Center for Research and Education, CC, QM Office, IO, Centre for Forensic Accounting, etc.
- EU funded projects: Interreg (Euro-MED, Adrion, Danube), CBC (Adriatic, bilateral and trilateral)

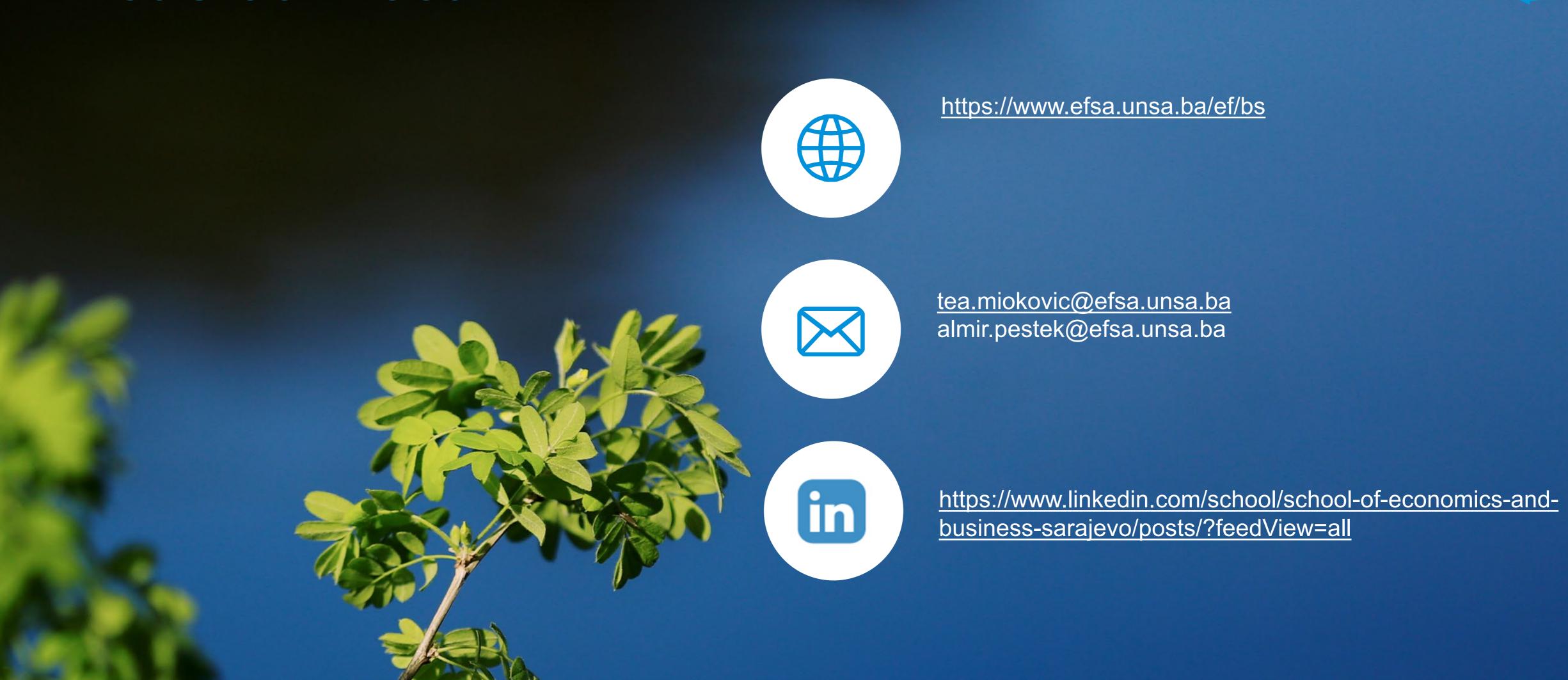






Let's connect!





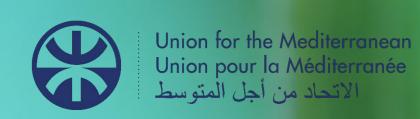
Thanks!

Tea Miokovic Polic, PhD tea.miokovic@efsa.unsa.ba









Department for Development and International Projects of Zenica-Doboj Canton (DDIP ZDC)

Regional Opportunities in ISE 4th April, Sarajevo

04/04/2025 & Aida Švraka









About DDIP ZDC



Brief introduction

The Department for Development and International Projects of Zenica-Doboj Canton (DDIP ZDC) is a regional public authority responsible for strategic planning, coordination of EU integration processes, and international project management in Zenica-Doboj Canton (ZDC), Bosnia and Herzegovina.

Mission and vision

Mission: To drive sustainable regional development by improving policies, fostering economic growth, and enhancing social inclusion through strategic projects and international cooperation.

Vision of ZDC: Modern European region, pleasant and safe to live and work and attractive for investment, which bases its sustainable development on industrial and human resources, natural and touristic potentials, rich cultural and historical heritage and a clean environment.

Key focus areas

- **Economic development & employment** Supporting SMEs and entrepreneurship
- ✓ Sustainability & innovation Green energy, digitalization, green public procurement
- **▼ EU integration & policy improvement** Strengthening institutional capacities







About DDIP ZDC



Short History

Department for Development and International Projects of Zenica-Doboj Canton (DDIP ZDC) is Expert Department of Government of Zenica-Doboj Canton for implementation of interregional projects, in charge of overall strategic planning processes and development management. It ensured that the Regional Development Strategy 2021-2027 is being adopted, followed up and monitored in terms of implementation. Furthermore, DDIP ZDC has the IPA programming responsibilities, works on EU integration, implements the Loan Guarantee fund for SMEs, provides advisory-service support to MSMEs and uses modern approach to benefit development of Zenica-Doboj Canton. It supports communication and cooperation between private and public sector. DDIP ZDC performs set of activities related to interregional cooperation and provides expertise and support to local institutions regarding realization of projects and issues of general partnership with institutions from abroad. DDIP ZDC staff has 22 years of experience in implementation of governmental funded, interregional and EU funded projects. It has already implemented 19 projects under INTERREG Adriatic CBC, Interact, SEE, MED/Interreg EuroMED, DTP/Interreg DRP, Interreg Europe, ADRION and URBACT programs in order to improve sustainable development and institutional cooperation. It possesses human and financial resources for implementation of different projects and developed network of experts from Ministries, Municipalities, BSOs, NGOs, Local and Regional Development Agencies, University of Zenica, sectoral institutions, tourist and cultural institutions etc. Thematic competence: NETWORKING.







What we do



Main programs, services, or projects

- a) Coordinating the preparation, monitoring the implementation and coordinating the reporting of Strategic Documents for Zenica-Doboj canton
- b) Coordination of international EU-funded projects (Interreg Euro-MED, Interreg Danube, Interreg Europe, Interreg Adrion, URBACT IV)
- c) Strategic planning and support for public institutions in developing three-year and annual plans
- d) DDIP ZDC is in charge of the EU integration processes and responsible for IPA planning
- e) Implementation of EU projects focused on green energy transition, innovation, and social inclusion

Target audience

- a) Public institutions (ministries, municipal and cantonal bodies)
- b) Development agencies and SMEs
- c) Local communities and citizens
- d) Vulnerable groups (via inclusion-focused projects)
- e) Educational institutions (collaborating on development programs)







What we do



Key achievements and impact

- ✓ Successful development and implementation of key strategic documents
- ✓ Continuous preparation of new project applications for EU programs relevant to the Canton
- Coordination in the preparation of development policies and public programs to support the implementation of adopted development strategies.
- ✓ Successful implementation of more than 20 EU projects in sustainability, procurement, digital inclusion, history, tourism, cultural heritage and reindustrialization
- Support provided to numerous SMEs through advisory assistance
- Strengthened institutional capacities through training and professional development
- Ingagement in the EU accession process, aligning cantonal strategies with European standards

Partnerships and collaborations

- 💝 EU Programs (Interreg Euro-MED, Interreg Danube, Interreg Europe, Interreg Adrion, URBACT IV)
- Cocal and regional governments (partnerships with municipalities and cantonal bodies)
- Business sector & development agencies
- Universities (joint initiatives on innovation and digitalization)
- 💝 International organizations & NGOs (cooperation on sustainable development and social inclusion)







- Implementation of EU funded projects -

Example of Thematic session with stakeholder group (PAs) from ProcuraMED project











Future plans

Future plans or upcoming projects

Currently, we are implementing six EU funded projects and are expanding our efforts through three new approved projects focused on employment, digital inclusion, and socio-economic development supported by the Interreg Europe and Danube Region Programmes.

Additionally, we continue to work on EU-funded initiatives and regional development plans, to drive sustainable regional growth. We coordinate preparation, monitor implementation and coordinate reporting on the implementation of strategies (Development Strategy of Zenica-Doboj Canton 2021-2027), ensuring alignment with global sustainability goals, fostering innovation,

economic diversification, and inclusive growth.

Opportunities for collaboration (How we can support to engage?)

DDIP ZDC facilitates collaboration by providing strategic support, project expertise, and partnership opportunities for institutions, businesses, and communities in regional and EU-funded initiatives.







Let's connect!





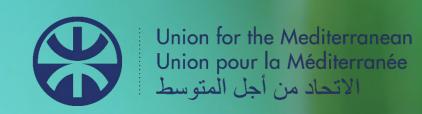
Thanks!

Aida Švraka aida.redzic@zdk.ba; sluzba.razvoj@zdk.ba









Directorate for European Integration

Regional Opportunities in ISE 4th April, Sarajevo

Sandra Memišević







About Directorate for European Integration



- Directorate for European Integration is:
 - Permanent, autonomous and professional body of the Council of Ministers of BiH
 - Founded in 2003 with a mission to speed up EU integration processes, while being strong and realiable partner to the institutions in BiH and EU
 - We are bringing the vision of EU membership to life
- We are taking care about:
 - Implementation of SAA
 - Acquis harmonization
 - IPA planning and programming
 - Managing the Territorial Cooperation Programmes
 - Visibility and communication of EU Integration processes
 - Translation in the EU integration process







What we do (among many other tasks and duties)



- IPA planning and programming
- EUSAIR and EUSDR National Coordinator
- National authority for 8 Territorial Cooperation Programmes
- Strategic projects:
 - EUSAIR Facility Point (Phase 2)
 - Stakeholders Engagement Point (StEP)
 - Dilaog4Innovation
- Participation in EU programmes

Total of 20 IPA III projects approved

Value of approved projects
EUR
169 200 000

IPA 2023 Energy support package worth EUR 70 mil

IPA 2025-2027
7 projects prepared and submitted to EC for approval

Value of approved projects more than EUR 35 mil

More than 200

projects approved

within TCP

11 EU programmes (HORIZON, Health, Digital Europe...)

We serve to institutions, local communities, academic community, non-profit organizations, citizens...







We are proud of 8th Annual EUSAIR Forum















Future plans

- Finalization of IPA 2025-2027 programming process and setting preperations for implementation of approved projects
- New public calls for teritorial cooperation programmes
- EUSDR Presidency and EUSDR Annual Forum (November 2025)
- Further work on Dilaog4Innovation and StEP







Let's connect!





Thanks!

Sandra Memišević sandra.memisevic@dei.gov.ba











Municipality of Neum

Regional Opportunities in ISE 4th April, Sarajevo

Ana Krmek

anakrmek0512@gmail.com

dsjekzaprojekte@gmail.com







About Municipality of Neum



• Neum is the only municipality in Bosnia and Herzegovina with access to the sea. Located in the south of the country, along the Adriatic coast, Neum is known for tourism, a mild Mediterranean climate and a rich cultural heritage.

• Mission:

develop Neum through tourism, nature conservation and improving the quality of life for population.

• Vision:

Neum – a modern tourist center with a preserved Mediterranean character and attractive opportunities.

Key Focus Areas:

- Development and improvement of tourism
- Preservation of natural resources and the environment
- Enhancement of infrastructure and public services
- Support for local economy and investments
- Improvement of residents' quality of life
- Municipality of Neum, as an administrative unit, was established in 1991 after Bosnia and Herzegovina became independent. The establishment of the municipality was necessary due to the need for better organization, management and development of this specific part of the country, considering its geographical location on the Adriatic Sea coast.







What we do

- Municipality of Neum provides various services and implements several important programs and projects aimed at the development of tourism, infrastructure and improving the quality of life for its population. Some of the main programs and projects include:
 - 1. Tourism and promotion of local resources
 - 2.Infrastructure development
 - 3.Education and social care
 - 4.Environmental protection
 - 5.Support for small and medium-sized businesses
- Target audience for the Municipality of Neum includes several groups that benefit from its work and initiatives:
 - 1. Local residents
 - 2. Tourists
 - 3. Small and medium-sized businesses
 - 4. Environmental advocates
 - 5. Investors and developers
- Municipality of Neum has achieved several key successes through various projects and initiatives, which have had a positive impact on the development of the local community and the strengthening of the economy. Some of the key achievements and impacts include:
 - 1.Tourism development
 - 2.Infrastructure improvement
 - 3. Environmental initiatives
 - 4. Support for entrepreneurs
 - 5.Education and social care
- Municipality of Neum actively collaborates with various partners and organizations to achieve its goals and improve the quality of life for its residents.























Future plans

Municipality of Neum has several plans and upcoming projects that will contribute to further development and improvement of the quality of life. Some of the future plans and projects include:

- 1. Further infrastructure development
- 2.Tourism investments
- 3.Environmental protection
- 4. Support for entrepreneurship
- 5.Educational projects

These projects and plans aim to improve infrastructure, stimulate economic growth, preserve the environment, and ensure the sustainable development of the Municipality of Neum.

Municipality of Neum offers many opportunities for collaboration and engagement with various partners, organizations and businesses. Through joint projects and initiatives, it is possible to contribute to the development of infrastructure, tourism, education, environmental protection and the economy. Collaboration can include different sectors and create opportunities for mutual growth and improvement of the quality of life in the municipality. Engagement in these areas allows for the achievement of shared goals and long-term sustainable development of Neum.







Let's connect!





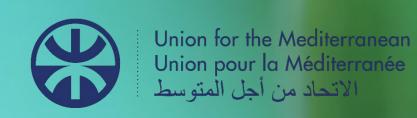
Thanks!

Ana Krmek anakrmek0512@gmail.com







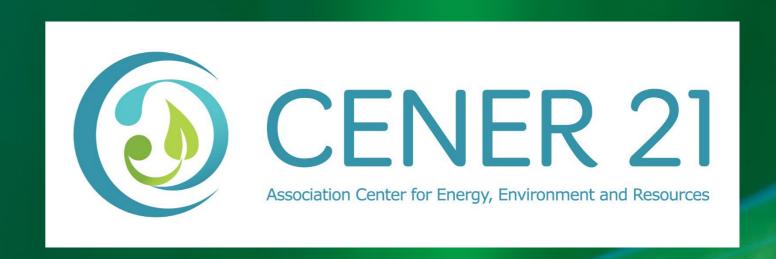


Association Center for Energy, Environment and Resources- CENER 21

Regional Opportunities in ISE 4th April, Sarajevo

04. 04. 2025.

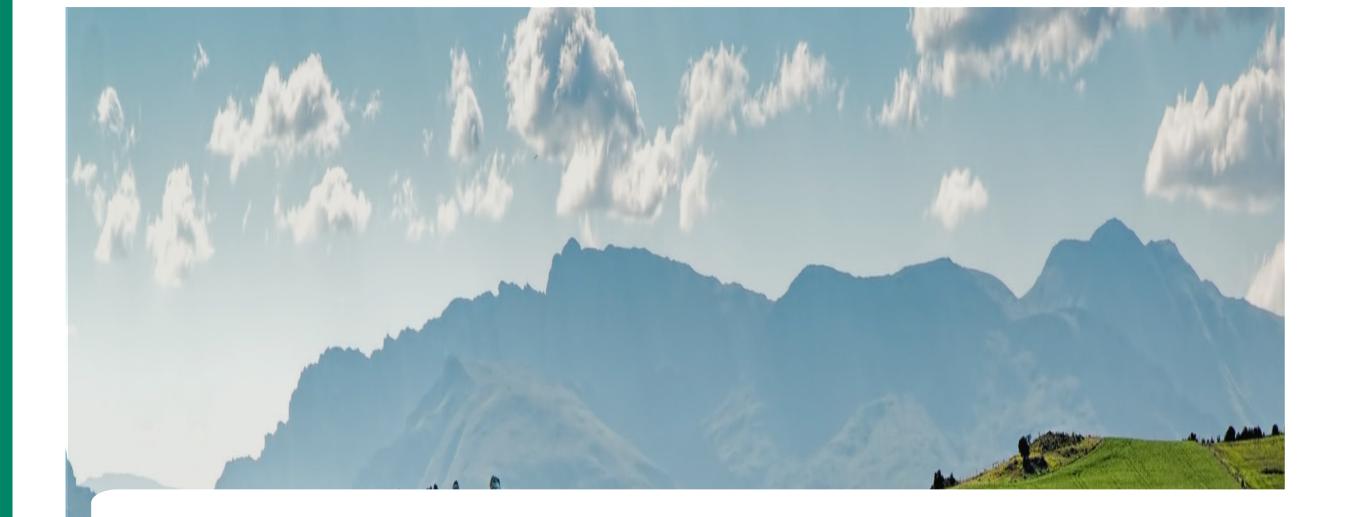
Ema Midžić (ema.midizc@cener21.ba)











CENER 21 Association Center for Energy, Environment and Resources

Association Center for Energy, Environment and Resources-CENER 21













CENER 21 directly collaborates with key stakeholders, including international organizations, government, industry, and local authorities, providing expert support in the areas of:



- Climate Change Mitigation and Adaptation
- Circular Economy and Resource Efficiency
- Nature Conservation and Biodiversity
- Energy Efficiency and Renewable Energy Sources

Center for energy, environment and resources-CENER 21

Center for Energy, Environment and Resources (CENER 21) is a non-governmental, non-profit organization founded in 2006. The fundamental goal and operational concept of **CENER 21** is to connect and integrate existing human and institutional resources focused on energy, environment, and resources in Bosnia and Herzegovina and the broader region into a unified and functional organization. This approach concentrates core expertise within a team capable of delivering integrated, multidisciplinary projects. Our mission is to support sustainable development in Southeast Europe by fostering synergy, cooperation, and commitment among a wide range of stakeholders, recognizing this collaboration as essential for achieving our objectives.







What we do

2023

Mapping of waste flows from textile and wood industries in Zenica-Doboj canton UNDP

Providing detailed insight into the textile and wood/furniture industry waste flows in Zenica-Doboj Canton and the potentials to utilize it as a resource for the local economy through mapping and analysis of the pre-consumer and post-consumer waste flows.

2023

Assessment of circularity of construction and packaging industries UNDP

Supporting the capacities of BiH governments and MSMEs to accelerate circular economy transition in the packaging and construction sectors.

2023 - 2029

Community4Innovation

Developing and enhancing research and innovation capacities for the uptake of technologies to support the transition to a circular economy and consolidate a competitive innovation ecosystem with the 4-helix stakeholders.

2023

Market research of plastic packaging in Bosnia and Herzegovina in terms of its availability as raw material for recycling

MOZAIK Foundation / Swiss Government

Conducting in-depth market research of availability of plastic packaging as raw material with aim to assess the technical and economic viability of potential processing plant.

2021 — 2024

Climate Bridges
GIZ / European Climate
Initiative (EUKI)

Strengthening climate protection in the Dinaric countries by establishing a networking platform and facilitating stakeholder exchange to support the implementation of the Green Agenda for the Western Balkans.

2022- 2024

Green recovery support for metal and wood industry in Bosnia and Herzegovina GIZ / EU

Providing strategic and technical assistance for the development of green recovery interventions to ensure the continued operation and increased sustainability of SMSEs in the wood and metal sectors in Bosnia and Herzegovina.

2022-2023

Support to the RCC Secretariat in monitoring and reporting on the Green Agenda for Western Balkans Action Plan implementation and drafting first Green Agenda Report on Implementation RCC

Providing support in reporting on the progress of the GAWB in the Western Balkans, including development of a monitoring and reporting system.

2022-2023

Young WB Ambassadors of Positive Changes WBF

Building Western Balkan youth capacity to support and develop sustainable consumption systems and adapt to climate change.

2021-2024

Implementation of Green
Chemistry principles in
manufacturing industry
UNDP/Government of Sweden

Contributing to prevention of the release of persistent organic pollutants (POPs) in the environment through the implementation of green chemistry initiatives in the manufacturing companies.

2023 — 2024

Sustainable Transition of Bosnia and Herzegovina (BiH SuTra)

Stockholm Environment Institute/ Government of Sweden

Providing expert support in executing SuTra aimed at improving countrywide approach and national and local capacities to implement efficiently and effectively environmental and sustainable transition policies in BiH.

2023-2024

Foreign Affairs

Contribution to energy security (Security of Supply) through Green Energy Transition – SoS CPCD / Norwegian Ministry of

Supporting energy transition and security in Bosnia and Herzegovina through stakeholder collaboration via a quintuple helix approach, integrating both "bottom-up" and "top-down" strategies.

2023 — 2024

Protected Areas Advocacy Services USAID

Implementing advocacy campaign focused on bridging the gap between the advantages of protected areas and decision-makers, stakeholders, and local communities in BiH.



2023

Tackling single-use plastics in the Adriatic region through public and private action Ministry of Environment and Energy Security of Italy

Reducing single-use plastic (SUP) products in the pilot area of Bosnia and Herzegovina (City of Mostar) by implementing two initiatives: Low Plastic Zone and Green Public Procurement.

2023

Let's recycle in the classroom German Embassy in Sarajevo

Promoting responsible attitudes and behavior towards the environment in the Sarajevo Canton, through the implementation of recycling initiatives and development of critical thinking among children.

2023

Urban Heat Island – Effect on Human Health

CPCD / Norwegian Ministry of Foreign Affairs

Addressing the issue of Urban Heat Island in municipality of Ilidža to improve human security through evidence-based solutions, providing the necessary data for CSOs to take informed action.

2022

Mapping of the Soup Kitchens in Bosnia and Herzegovina UNDP

Assessing the network of soup kitchens/food centres (hunger relief services) that serves food-deprived populations across the country and providing evidence and insights about the state of play, challenges and needs.

2022

Action for development and promotion of renewable energy sources and energy efficiency in the Municipality of Olovo

Czech Development Cooperation Program

Promoting and piloting renewable energy sources at local level aimed at fostering sustainable economic growth on a broader scale

Innovative sustainable economy

2021 –2023

Zero Waste Municipalities EU IPA II CBC BiH-SRB

Enhancing the of socio-economic development in the cross-border area between the Republic of Serbia and Bosnia and Herzegovina through the implementation of targeted and concrete actions to improve waste management services, infrastructure and education.





Co-funded by the European Union



TURNING IDEAS
INTO ACTION:





What we do



POLICY RECOMMENDATION:

Improving the competitiveness of the agri-food sector in Bosnia and Herzegovina - Challenges and opportunities, 2022

OBJECTIVE:

This report addresses the critical problems identified through stakeholder engagement workshops in the BiH agri-food sector. This report offers up-to-date information on challenges and presents recommendations for policymakers, NGOs, farmers, academia, and other stakeholders working in the agri-food sector.

Creation and successful implementation of new h and the circular economy in 6 pilot communities 1

PROJECT: Zero Waste Municipalities (IPA II CBC Bil



Environmental audits across manufacturing companies:

Installation of solar hot water systems: As part of the UNI

Acting as the local partner, CENER 21 actively supported the development of Bosnia and endeavor. Through 150 work meetings, these dedicated individuals worked tirelessly to achieve

Herzegovina Environmental Strategy and Action Plan (BiH ESAP 2030+), ensuring its successful implementation. Over 600 representatives from various regions across BiH were involved in this the project's completion by early 2023.

rater systems on the roof of the Sports Centre in Olovo, ilot initiative not only means the water in shower :re are now solar-powered, but also is an important able energy transition.

motion of renewable energy sources and energy zech Development Cooperation Program)











Parterships and Collaborations



















https://cener21.ba/membership/



Future plans

Future plans or upcoming projects

- Supporting the green transition in BiH and the Western Balkans
- Expanding regional cooperation through the Climate Bridges Network
- Launching new EUKI-supported climate action project in 2025Developing innovative solutions for pollution reduction and resource efficiency
- Promoting climate adaptation and green economic opportunities
- Remaining committed to our core values: integrity,
 collaboration, excellence, learning, adaptability

Opportunities for collaboration (How we can support to engage?)

- Strategic partnerships in policy, education, and technical assistance
- Joint project development and implementation (EU and regional funding)
- Multi-stakeholder facilitation and networking support
- Knowledge sharing, capacity building, and pilot initiatives
- Local expertise with regional and EU-level experience







Let's connect!





Thanks!

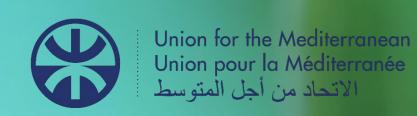
Ema Midžić ema.midzic@cener21.ba



Innovative sustainable economy







Sarajevo Economic Region Development Agency SERDA

Regional Opportunities in ISE 4th April, Sarajevo

[04/04/2025 Zlatan Saračević]













SERDA

SERDA

History

The Sarajevo Economic Region Development Agency (SERDA) is a non-profit limited liability company governed by public law and owned by the Canton of Sarajevo, the City of Sarajevo, the City of East Sarajevo and 32 municipalities from the Sarajevo Macro Region (SMR).

SERDA was established in May 2003 by the Canton of Sarajevo, the City of East Sarajevo, and 20 municipalities from both entities. Subsequently, the City of Sarajevo and other 12 municipalities joined SERDA, so that there are currently 35 founders.

SERDA has a highly qualified staff experienced in various projects implementation. Its headquarters are located in center of Sarajevo on 1100 square meters and are fully equipped for the purpose.

SERDA is an active associate member of the European Association of Development Agencies (EURADA) and South Eastern Europe Network of Regional Development Agencies (SEENORDA).

SERDA

Vision

The vision of SERDA for the Sarajevo Macro Region is to provide better quality and a more prosperous life for all of its citizens and to set an example for other developing regions regarding all aspects of business, education, cultural and sports life. These goals will be achieved through an integrated and appropriate approach to sustainable economic development. The Sarajevo Macro Region will be the leader in the process of integration of BiH into the European Union.

SERDA

Mission

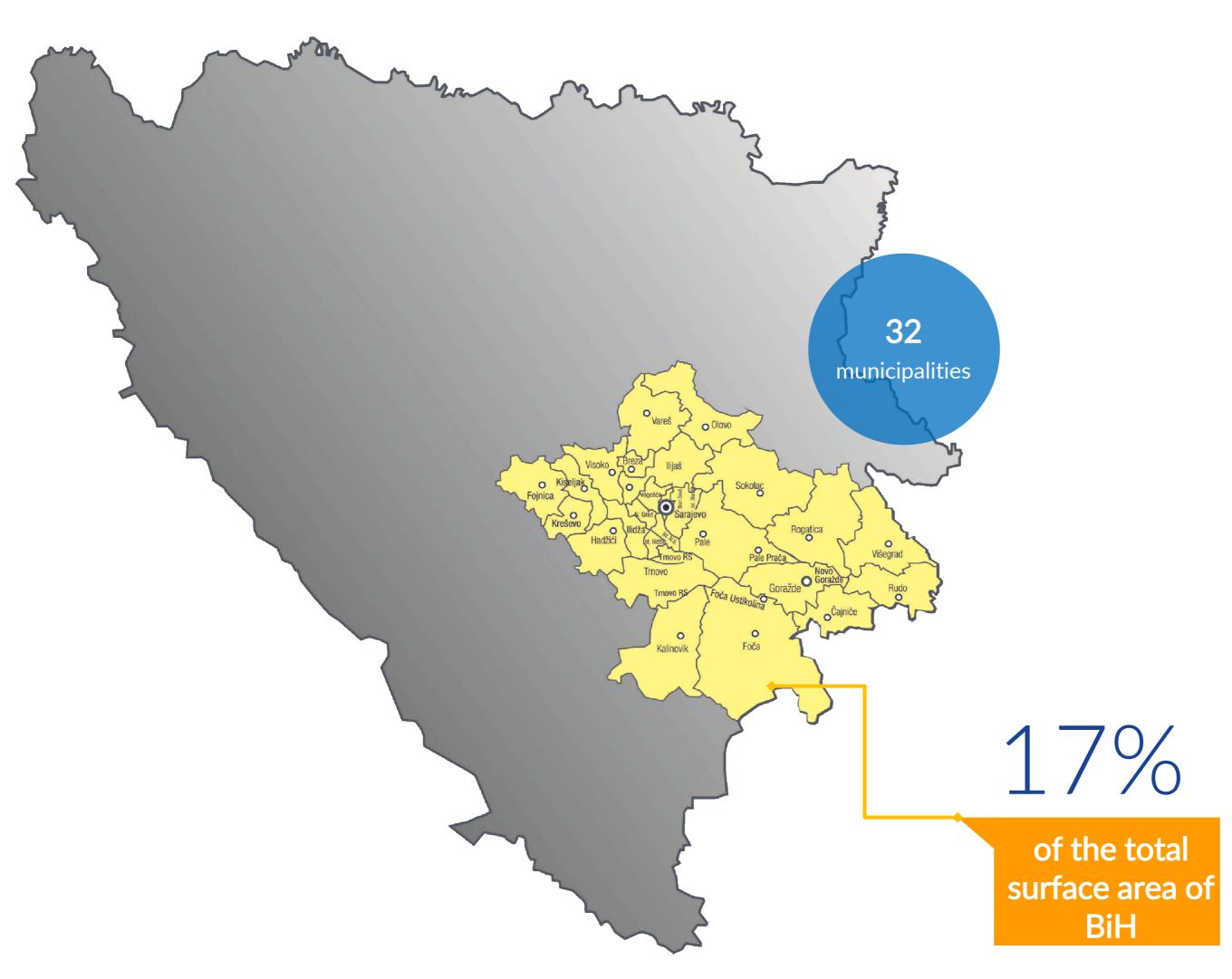
The mission of SERDA is to create a positive environment for a sustainable economic development in the region, and to advance, strengthen and promote the development of the Sarajevo Macro Region with all available resources, supporting Bosnia and Herzegovina approaching to EU integrations.







Facts on Sarajevo Macro Region



- ◆ The Sarajevo Macro Region is one of the five economic regions in BiH spreading over the territory of 32 municipalities in both entities, out of which 19 municipalities belong to the Federation of BiH while 13 municipalities are from RS. The total surface area is 8.701 km² representing 17% of the total surface area of BiH and the population is around 770.000 inhabitants (human population density is 88 per km²). The largest concentration of population is in the metropolitan area of the City of Sarajevo, the capital of Bosnia and Herzegovina.
- ◆ The territory of SMR is rich in forests, herbs, thermal springs as well as springs of mineral and drinking water. It has significant energetic potentials and potentials for industry development. SMR is distinguished by its tourist tradition and resources for the development of winter, health, sports, rehabilitation and congress tourism and has significant human and educational potentials as well.
- ◆ Natural resources, the specific tradition and authenticity, the knowledge and experience as well as the existing capacities, the offer of financial and business services, the developing trade and light industry, the existence of national and foreign universities and new technologies, and the strong presence of international companies are reasons why this region has been recognized as an important geostrategic area in the Western Balkans as well as the administrative centre of BH.







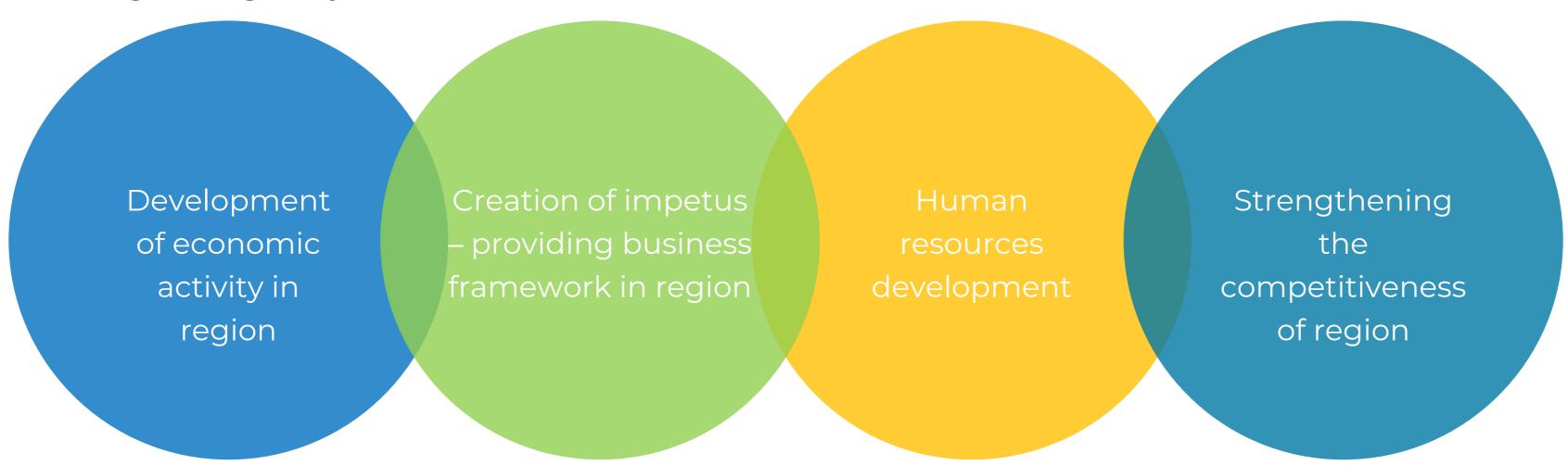


Four SERDA Strategic Objectives

All priorities, areas of intervention and individual activities are targeted to create a positive environment for sustainable economic development in the SMR, and to improve, strengthen and promote the development in the region using all internal capacities and through mobilization of available regional partner's and stakeholder's resources.

The harmonized dynamic economic development of SMR aimed to the strengthening of mechanisms of Bosnia and Herzegovina accession to EU is the overall objective that SERDA strives to.

SERDA implements projects, and performs activities, which are directed towards the achievement of the following strategic objectives:









Overview of SERDA Current Activities

SERDA's main activities are currently aimed at creating and supporting an environment that is primarily conducive to the economic development of the Sarajevo Macro-Region, and secondly the overall development of the country as a whole. The current activities are grouped within four core areas, namely:

Implementation of projects financed by EU funds Implementation of projects funded through bilateral cooperation and support of international organizations

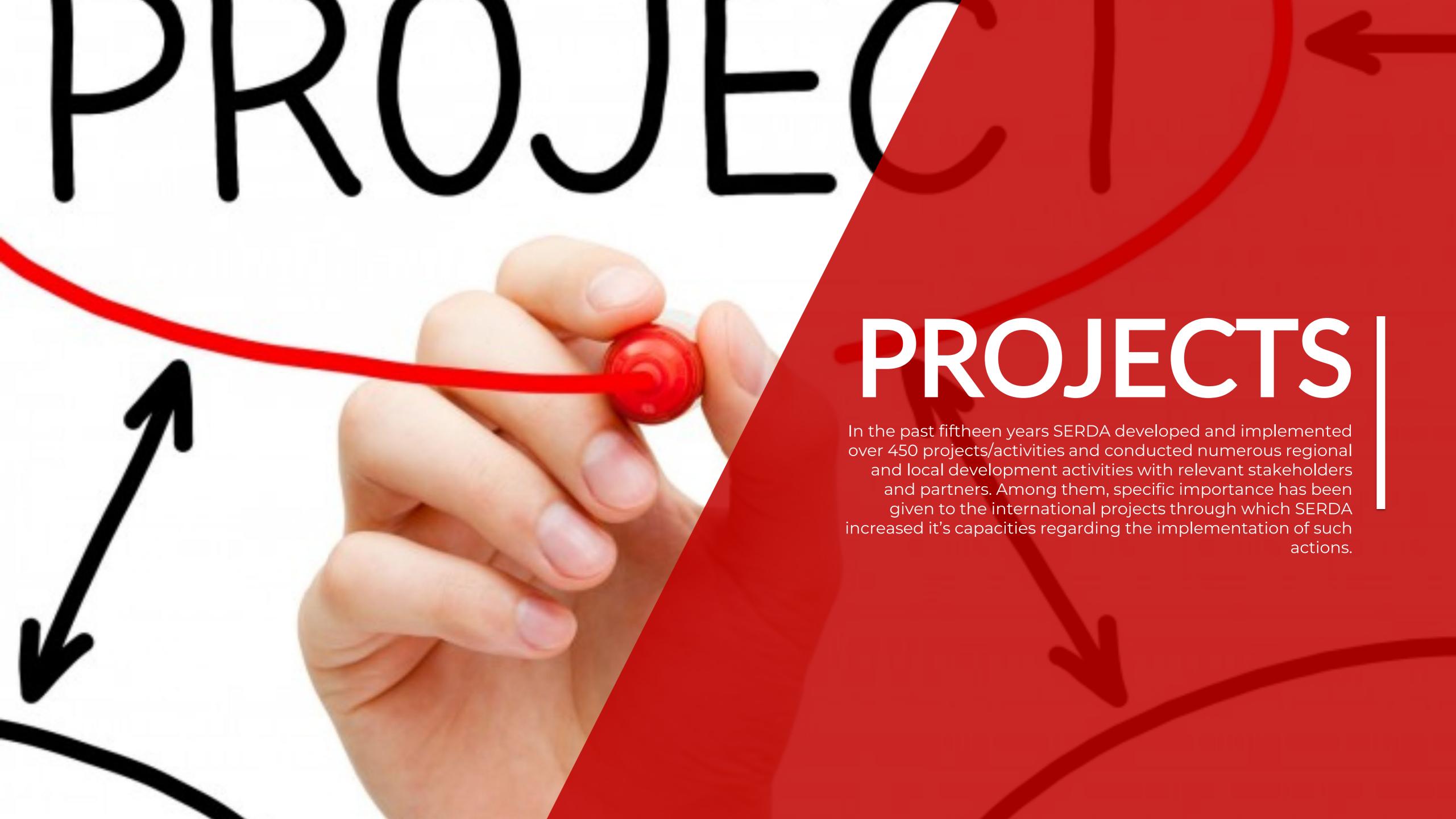
Implementation
of projects
through a
partnership
between SERDA
and its founders

Implementation of projects in partnership with domestic institutions, non-governmental organizations and businesses









Let's connect!





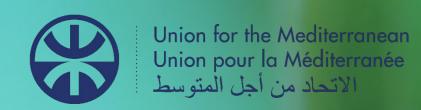
Thanks!

Zlatan Saračević zlatan @serda.ba









Scaling Up Regional Innovation: Gaps, Challenges, and Opportunities











11:00 - 11:30

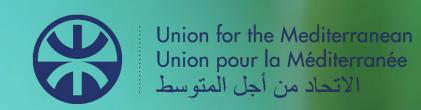












Case Study Presentations showcasing impactful pilot projects & initiatives









Slovenian REUSE model and work of REUSE center

Regional opportunities in ISE 4th April, Sarajevo

4th April, Nathalie Maccagnan, CPU and Martina Majcen, ORZ.

eWAsTER









- 01. REUSE CENTER Center Ponovne Uporabe (CPU)
- 02. Work of REUSE center
- 03. Actions taken





Case study / Best practice

REUSE model in Slovenia is a structured initiative promoting the Circular Economy through REPAIR, REFURBISHEMENT, and REUSE.

REUSE center (CPU) – a dedicated facility that collects, repairs, resells secondhand products, preventing unnecessary waste.

Involves community participation, employment opportunities for vulnerable people, and education programs.







FRAMEWORK OF THE REUSE CENTER

- Established in 2011 as a social enterprise
- Managing 4 locations across Slovenia (established 18)
- Promotion of the CE through reuse and repair of products
- Providing employment for disadvantaged groups

A consortium of 6 companies, including:

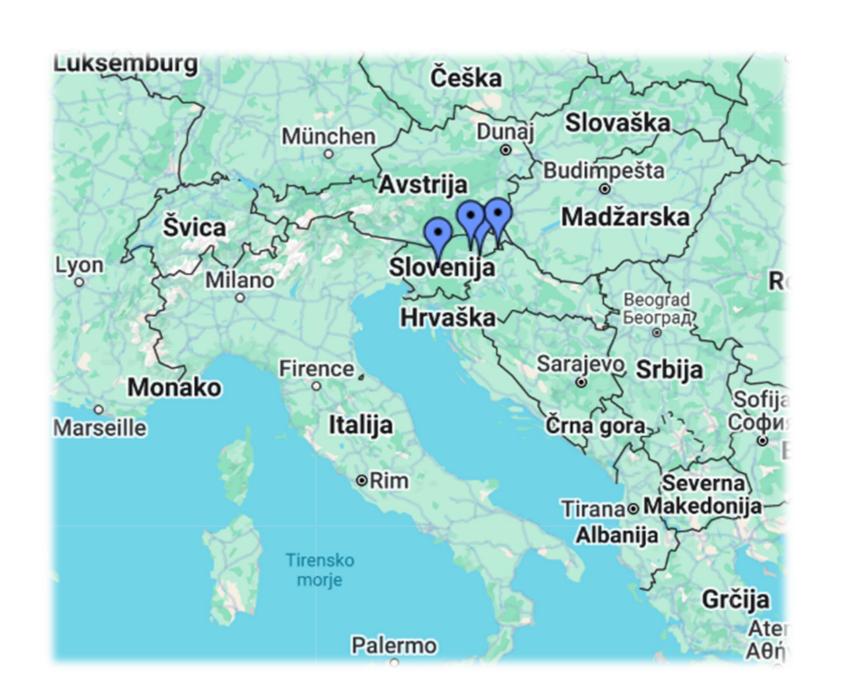












Interreg projects within CPU:







CIRCLEWASTE





Interreg projects within ORZ:















02.

Work of REUSE center

The REUSE center is transforming waste into added value products.

CPU integrates social, environmental, and economic aspects into its operations, which aligns with the **principles of circular economy**, emphasizing the importance of REUSE and recycling for the purpose of minimizing waste and promoting resource efficiency.







ACTIVITIES OF THE REUSE CENTER IN E-WASTE













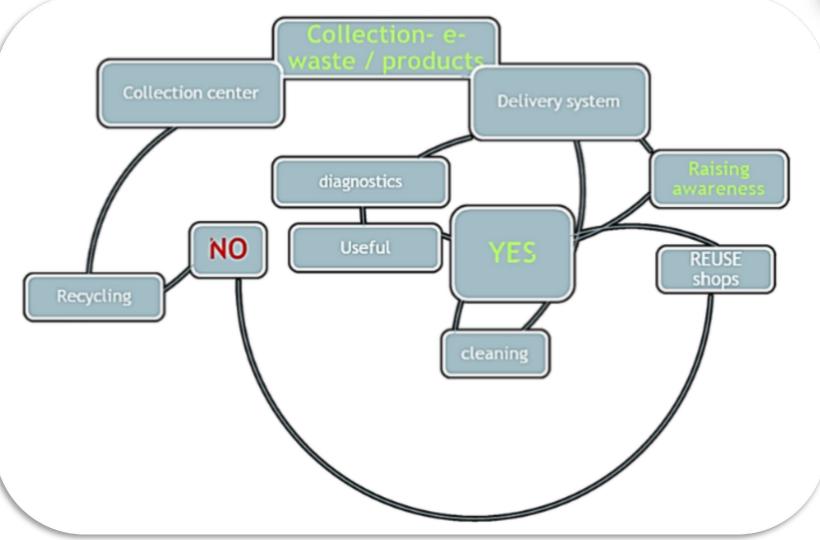
70

The center operates through the following stages:

- **Collection and sorting**
- Diagnostics and cleaning
- Repairs and restoration
- **Quality control**
- Sales in reuse stores & online













Offering refurbished products at affordable prices and reducing structural unemployment by employing individuals in the refurbishment process.







ACTIVITIES OF THE REUSE CENTER IN E-WASTE



Upcycling e-waste transforms discarded electronic components into new, functional, and creative products. By repurposing circuit boards, wires, and other materials, upcycling reduces waste, conserves resources, and gives old electronics a second life in the form of art, jewelry, home decor, or even functional gadgets. This sustainable approach helps minimize environmental impact while promoting innovation and creativity.















03.

Actions taken

- Legislative support: contribution to the inclusion of REUSE as a priority waste management method in national legislation.
- Local Partner Network: collaboration with multiple municipalities and utility companies to facilitate the collections of items for reuse.
- Door-to-Door Collection System for reducing mixed comunal waste
- Development of professional guidelines and criteria
- Franchise with Repair Café
- Inclusion of vulnerable groups



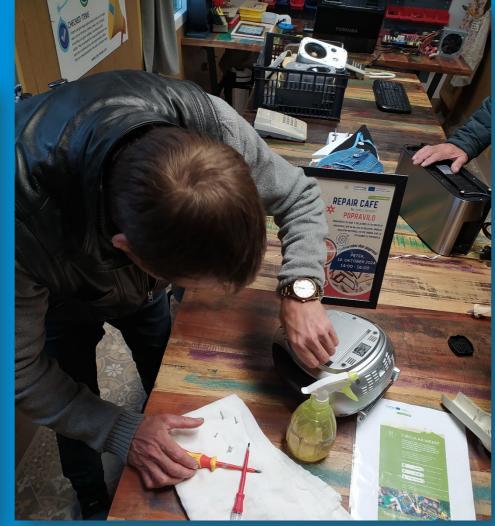




IMPLEMENTATION OF REPAIR CAFÉS









- Regularly organizing Repair café workshops for raising awareness, giving used/old products a new life.
- People bring their broken items, we diagnose them and we help them to fix.
- We provide tools and all materials needed.
- Together with participants, we share our skills, knowledge, and environmental values!

Promoting the repair and reuse of products (E-devices) contributing to e-waste reduction and resource protection.









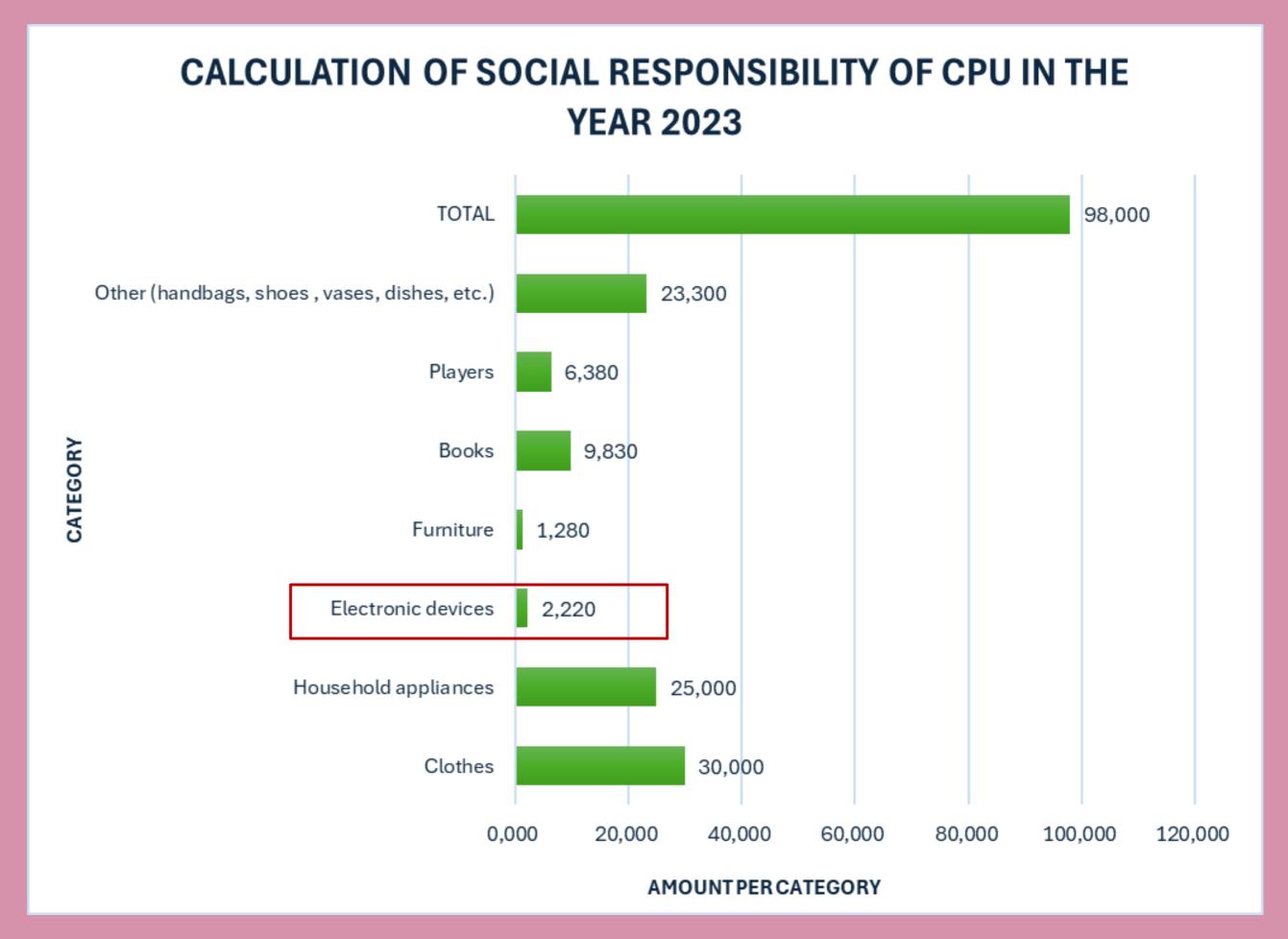


04.

Results & impact

• Impact is measured in achieving socially responsible goals and Social Development Goals (SDG).

Social entrepreneurship creates sustainable solutions for social challenges, combines business performance with a positive influence on the community.









STATISTICAL DATA





For all products categories, the activities of reuse center in total save approximately:



CO2 \rightarrow 480.230 kg = 480 T Energy saving \rightarrow 1.165.090 kWh. H2O \rightarrow 101.8 million liters of water



These data highlight the importance of reuse in the fight against climate change and underline the importance of reuse to save energy and water resources and reduce the impact on the environment. Calculation of SOCIAL RESPONSIBILITY Electronic devices: 2.220 pieces



Electronic devices: 50 kg CO2 per piece 2.220 pcs * 50 kg = 111.000 kg CO2 = 111t of saved CO2

Electronic devices: 100kWh per piece 2.220 pcs * 100 kWh = 222.000 kWh of saved energy

Electronic devices: 1.500l per piece (average small devices)
2.220 pcs * 1.500 l = 3.330.000 l = 3.3 million liters H2O







05.

Next steps

- Support for local communities: developing guidelines & models for integrating REUSE into local environmental strategies
- Digital tools for resource tracking: expanded door-to-door collection model for edevices and created tracking systems for material flows
- Expert support for REUSE centers: providing advisory services to municipalities & promoting the inclusion of vulnerable groups in REUSE activities
- Measuring impact
- Policy development support







eWAsTER – INNOVATIVE SOLUTION

As part of eWAsTER project, ORZ will implement the Pilot action WEEE REUSE, with the support of the REUSE center.

The pilot action WEEE REUSE will be tested in Portugal, Bosnia and Herzegovina, Slovenia.

Partners PACT, LINK and ORZ will promote the creation or reconversion of business towards

WEEE second life, plastic reuse, or WEEE reparation, especially social enterprises.







PILOT ACTION - WEEE REUSE







impact over profit.



2025 testing solution

WEEE REUSE promotes new business models for plastic and e-waste reuse, focusing on job creation for vulnerable individuals. The pilot action emphasizes social enterprises in the WEEE sector. NGOs and public institutions support WEEE recycling to provide employment for marginalized groups, including people with disabilities. WEEE offers potential for rural businesses and social enterprises, prioritizing social













https://innovative-sustainable-economy.interreg-euro-med.eu



innovative-sustainable-economy@interreg-euro-med.eu



https://twitter.com/Gov4Innovation



https://www.linkedin.com/company/gov4innovation/

Thanks!

Nathalie Maccagnan nathalie@cpu-reuse.com

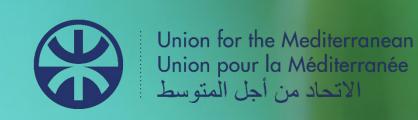
> Martina Majcen martina@orz.si



Innovative sustainable economy E







Carbon Farming MED - good practice

Regional opportunities in ISE 4th April, Sarajevo

Carlos A. Torres Guerrero, BETA Tech centre, Spain carlosalberto.torres@uvic.cat

CARBON FARMING MED





Innovative





Content

- 01. Objective of the project
- 02. Background and challenges
- 03. Actions taken
- 04. Results and impact
- 05. Next steps



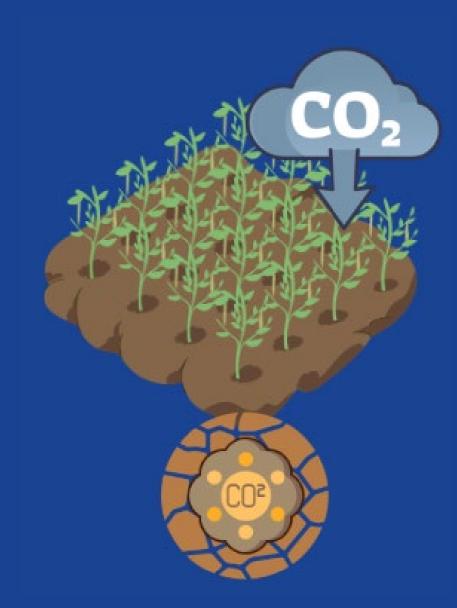




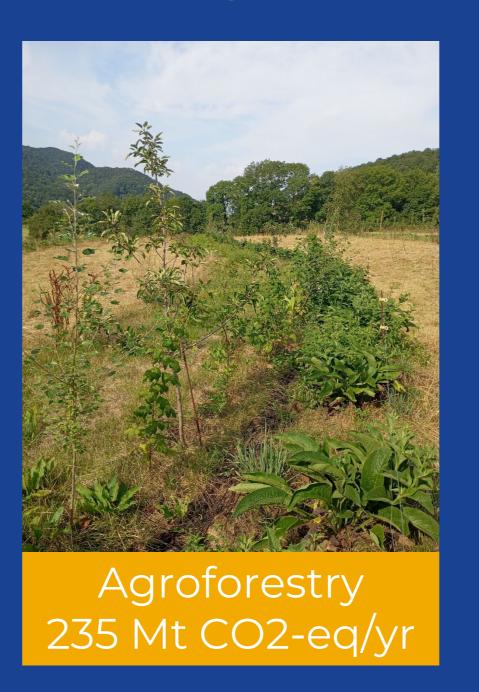


01. Why Carbon farming in the Mediterranean region?

A Promising Business Opportunity in Carbon Sequestration!



"Mediterranean Soils Have a Vast Potential for Carbon Sequestration"





Regenerative agriculture 67.5 Mt CO2-eq/yr



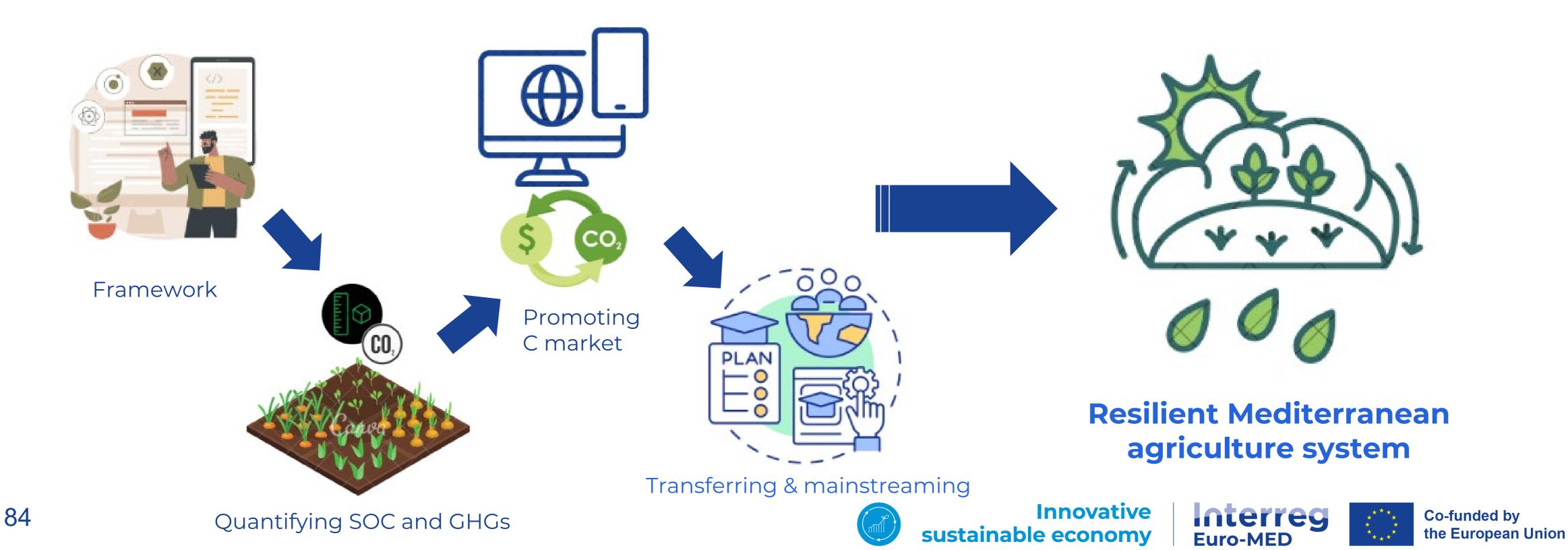




Carbon Farming MED



 To develop a resilient Mediterranean agriculture system and to help farmers to implement carbon farming as a new green business model to obtain additional revenues, optimizing regenerative agricultural and agroforestry practices and providing the necessary tools to facilitate the carbon credits' market adoption











Project overview

- Lead by BETA-UVIC
- Started January 2024 Finishing June 2026
- Funded by Interreg EURO-MED programme
- 9 partners (4 publics, 3 privates, and 2 transnational entities).
- 6 EuroMed countries (Spain, Italy, Bosnia & Herzegovina, Slovenia, Greece and France).































02. Background & Challenges

How can we make carbon farming work for the Mediterranean?









Barriers to the adoption of Carbon Farming

Category	Barrier	Summary			
Sector complexity	 Fragmented nature of the sector. MRV at the farm level. MRV in national GHG inventories. 	 Agriculture is a complex sector requiring tailored technical solutions and policies. Adoption of Carbon Farming policies involves multiple interests and stakeholders. Issues of knowledge brokerage between farmers and regulators, along with the need for adapted technical packages, contribute to the complexity of the sector. 			
Mitigation effects	 Impact on food production/security. Carbon leakage and loss of competitive advantage. Impact on farmers' livelihoods. 	 Challenges of increasing food production while reducing GHG emissions and adapting to climate change. Concerns exist that mitigation efforts consistent with a 1.5 °C target may raise global food prices and heighten the risk of food insecurity. Developing countries are particularly worried about the negative impacts of mitigation on food security, given existing food insecurity issues. 			
Institutional barriers	 Lack of political support. Agricultural lobby. Policy coordination. Lack of institutional capacity. 	 Some authors highlight a lack of political support for agricultural mitigation policies in the EU. The absence of a strong constituency favouring reductions in agricultural GHG emissions in EU member states. The decline in agricultural emissions in the EU until 1990 led to a perception that no mitigation measures were necessary, but this changed with a more restrictive climate policy environment. 			

Source. D1.1 Carbon Farming MED https://carbonfarmingmed.interreg-euro-med.eu/library/







03.

Actions taken

- Four-steps methodology
- Multi-stakeholder approach
- Theoretical-practical

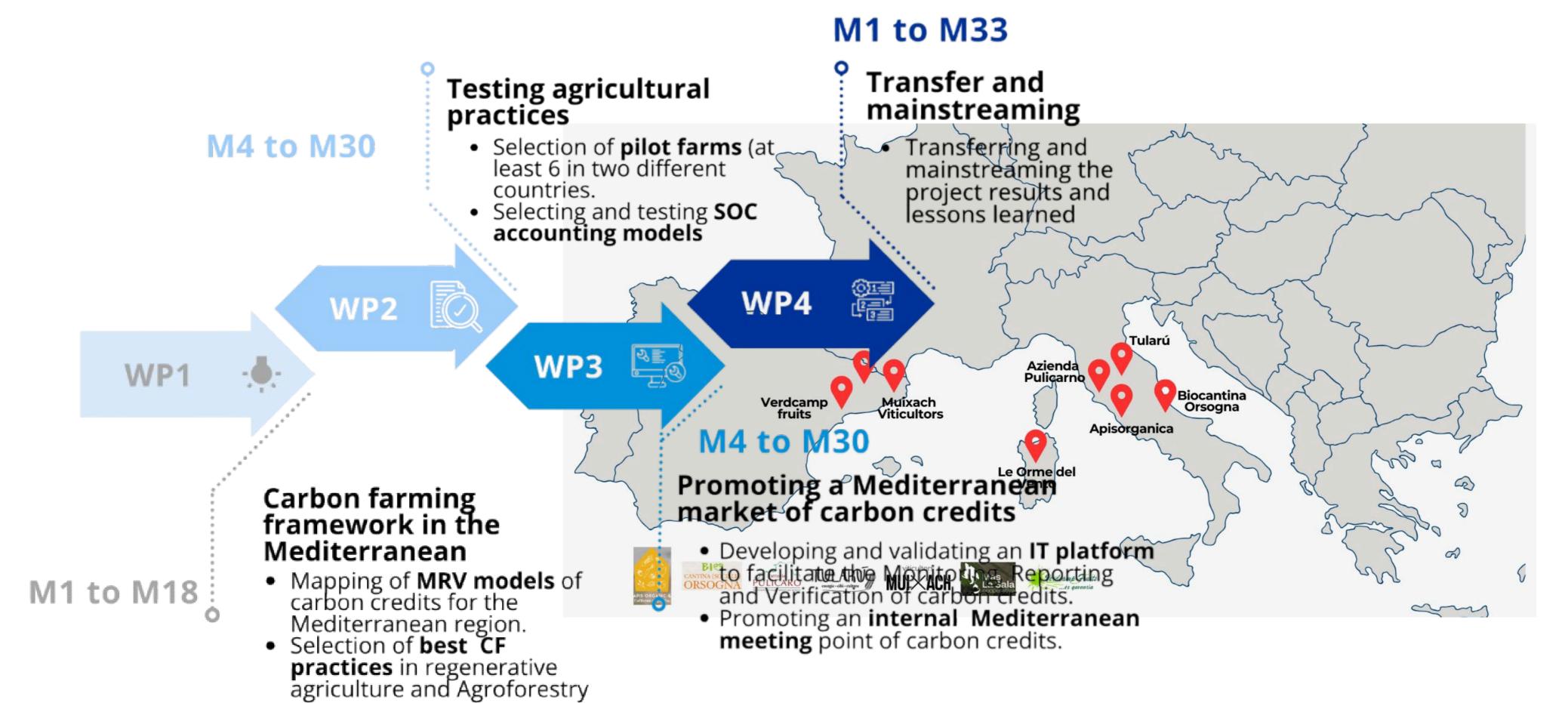






The CFMED Methodology













Who will benefit from it?



Public authorities

 Local and regional governments

credits

Associated partners



Education and Research organisations

- Universities
- Research centres



Small-Medium Enterprise

• Potential buyers of carbon credits



- International organisation
 European Economic Interest GroupingEIP-Agri, UfM, FAO, WWF, etc.

Potential buyers of carbon



Others

- General public
- Farmers of the region
- Carbon buyers







04. Results & impact

Main outcomes





Results and impact



WP1

Adapting the current EU regulatory framework on carbon farming to the Mediterranean idiosyncrasies.

Key Achievements:

Reports Completed

- Carbon Farming as a Business Model (Regulations & funding opportunities)
- Best-Suited Carbon Farming Actions (Regenerative Agriculture & Agroforestry)









Results and impact



WP2

Validating the most promising agroforestry and regenerative agriculture practices for carbon sequestration

Key Achievements:

- Pilot Farm Selection (Italy & Spain) based on techno-economic criteria.
- Standardized Soil Sampling First campaign completed.

Ongoing Work:

- Data analysis & baseline development.
- Model validation in pilot farms.























Results and impacts

Scaling Success: From Small Farmers to Large-Scale Agriculture



Muixach viticultors (CAT)

- 6 ha
- Vineyards (regenerative)



Apisorganic

- 11 ha
- Conservation agriculture



Mas la Sala

- 100 ha
- Syntropic Agriculture



Azienda Pulicarno

- 60 ha
- Semi-wild breeding



Bio Cantina Orsogna

- 1500 ha with 300 partners
- Biodinamic vineyard







Results and impact



WP3

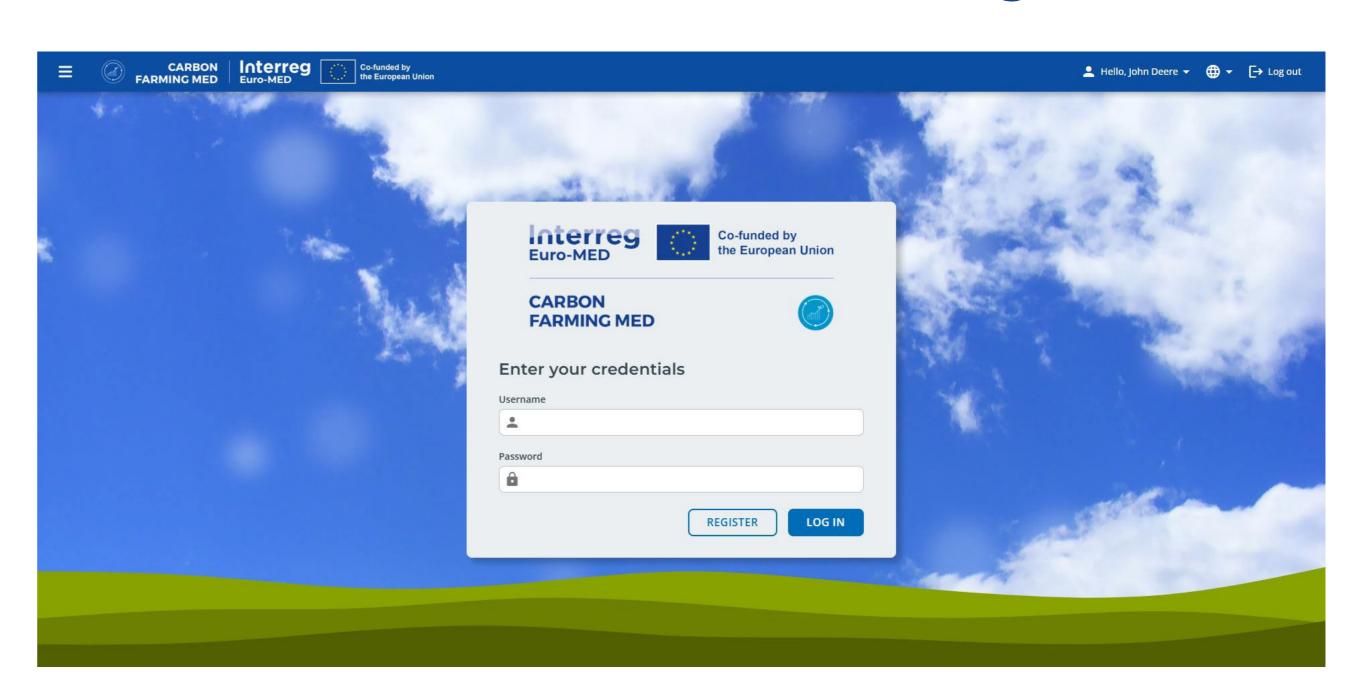
Carbon Credit Market Development in the Mediterranean region

Key Milestones:

- Roadmap for CARBON FARMING MED tool
- Defining key methodologies.

IT Platform Development:

 Frontend prototype (MOOC in Figma)Backend work on login & registration.



Let's see the initial design in action – <u>link to figma</u>







DIAPO TITLE



WP4

Knowledge Transfer & Communication

Key Achievements:

- Carbon Farming Projects Catalogue.
- Communication Strategy for project visibility.
- Synergies with other CF projects (Interreg, Life, Horizon) and regional authorities (Catalonia, Balearic islands, etc.)

	CARBON Interreg Co-funded by the European Union
	Mission Innovative Sustainable Economy
	CARBON FARMING PROJECTS CATALOGUE
	June 2024
L	

	Programme	Budget (€)	Date	Geographical focus	Land use focus
Carbon Farming North Sea	INTERREG	3 094 837	2028-2022	North Sea Region	
Carbon Farming Scheme	LIFE	NC	2020-2022	Europe	
CarbonCounts	LIFE	NC	2021-2023	Flanders	
CIRCASA	Horizon	3 935 903	2020-2022	World	
AgriCaptureCO ₂	Horizon	2 972 324	2021-2023	Europe	
Carbon Farming CE	INTERREG	2 250 000	2023-2026	Central Europe	
Farms4Climate	PRIMA	2 749 438	2022-2025	Mediterranean basin	S
LIFE Carbon Farming	LIFE	6 660 720	2021-2027	Europe	
VitiCaSe	LIFE	2 215 903	2023-2027	Europe	\$
Trees4Clima	Horizon	286 921	2021-2025	Europe	\$
Credible	Horizon	2 000 000	2023-2026	Europe	
MARVIC	Horizon	6 993 940	2023-2027	Europe	
MRV4SOC	Horizon	6 999 966	2023-2025	Europe	
ORCaSa	Horizon	3 092 966	2022-2025	World	
Climate Farm Demo	Horizon	21 487 127	2022-2029	Europe	
Carbon Farming Hub	Erasmus+	250 000	2023-2025	Mediterranean Europe	\$







05. Next steps







Next steps



Upcoming tasks

- Selection and adaptation of optimal carbon soil sequestration predictive models for the Mediterranean region. **RothC** (Farina et al, 2013) **and CAST** (Stamati et al, 2013).
- MRV's State of the art and adaptation to the Mediterranean region.
- Techno-economical model of CF as a business model.
- Carbon farming positive externalities.
- Continue the sampling in pilots and laboratory analysis.
- Enhance the project website (articles, news).
- Launch a Newsletter.
- Developing materials for the EuroMED Academy









The Journey Continues: Advancing Carbon Farming Solutions – Join Us in Shaping the Future!















CARBON FARMING MED







https://carbonfarmingmed.interreg-euro-med.eu/contact-us/



https://carbonfarmingmed.interreg-euro-med.eu/contact-us/



https://www.facebook.com/carbonfarminginterreg/



Carbon Farming MED (@carbon_farming_med)





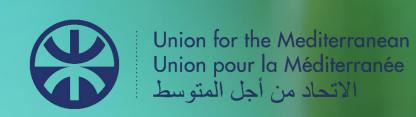
Thanks!

Carlos Alberto Torres Guerrero carlosalberto.torres@uvic.cat









Survey on Public Awareness of the Circular Economy - Findings and next steps

Regional opportunities in ISE 4th April, Sarajevo

03/04/2025 Zlatan Saračević, SERDA

CIRCLE MED









Testing Circular Economy solutions for the green transition of the Mediterranean area

CircleMED

A1.1: Survey

State of the art and firsts insights





Current state of the activity

All the questionnaires have been received

• The analysis has begun





1. Sample Profile: Who Participated?

Report

This section provides an **overview of the demographic characteristics of the survey respondents**. By understanding the composition of the sample, we can contextualize the results and assess how well the participants represent the broader population of interest.

The following subsections present key demographic variables, including, **age**, **gender**, **educational background**, **income levels**, **political orientation**, and **geographic area of residence**. Each variable is analysed individually and visualized using **pie charts** or **frequency distributions** to offer a clear and intuitive representation of the data.

2. Reporting

This section provides an in-depth analysis of the survey's two main themes: Global Warming and Circular Economy.

For each question:

- The distribution of answers will be reported (e.g. pie charts and frequency distributions, simple descriptive statistics).
- Cross-analysis with relevant sociodemographic variables to grasp possible relationships between respondents' characteristics and their views on these topics.

3. Interpretation/Analysis

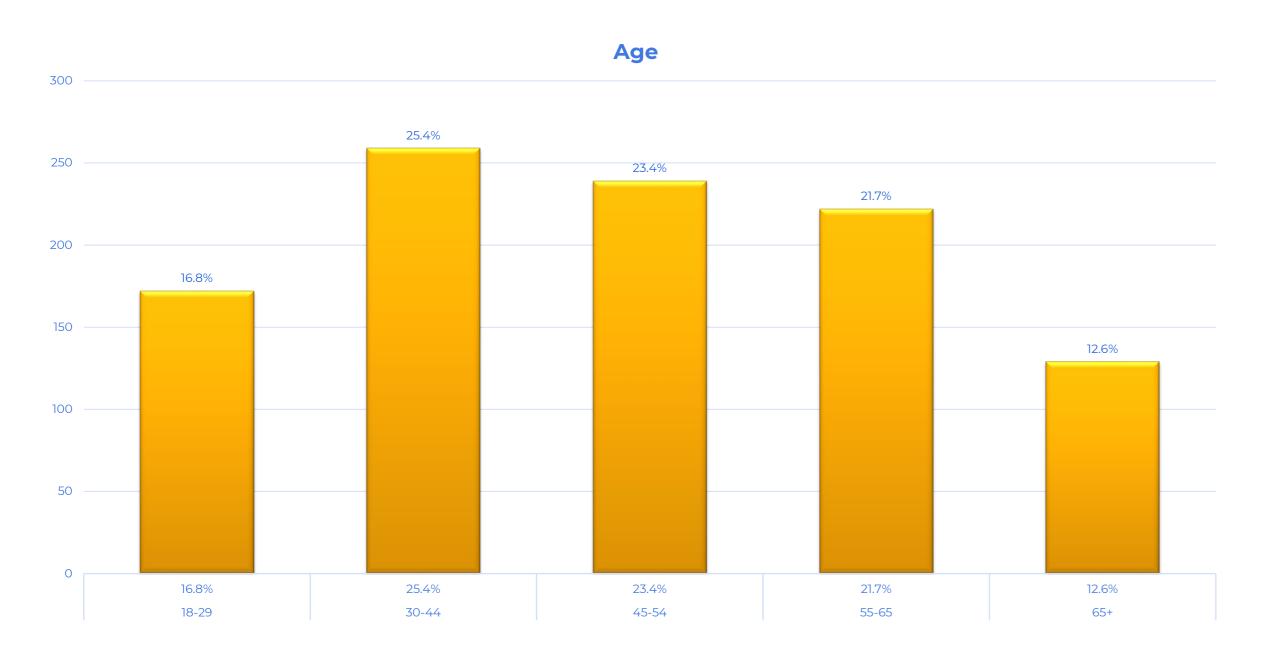
This section provides the analysis of relationships between respondent's opinion, behaviours, awareness and views on different topics.

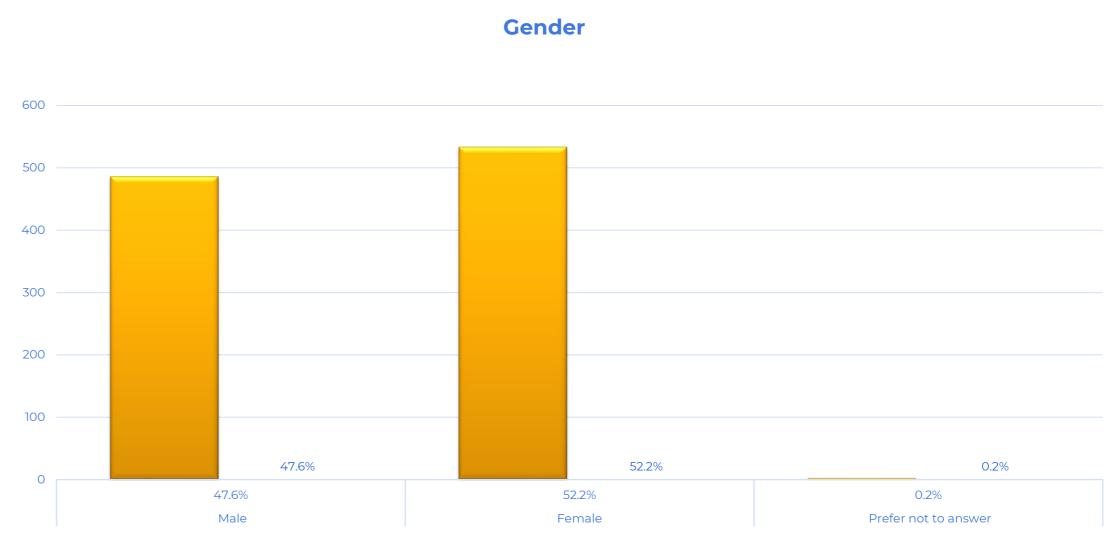




Firsts insights from the analysis

• SAMPLE



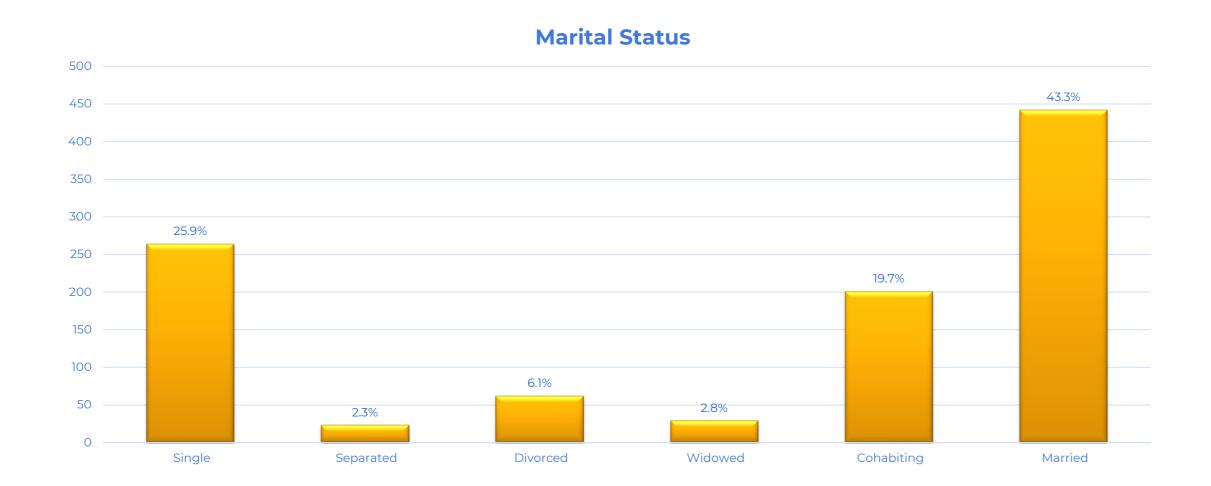


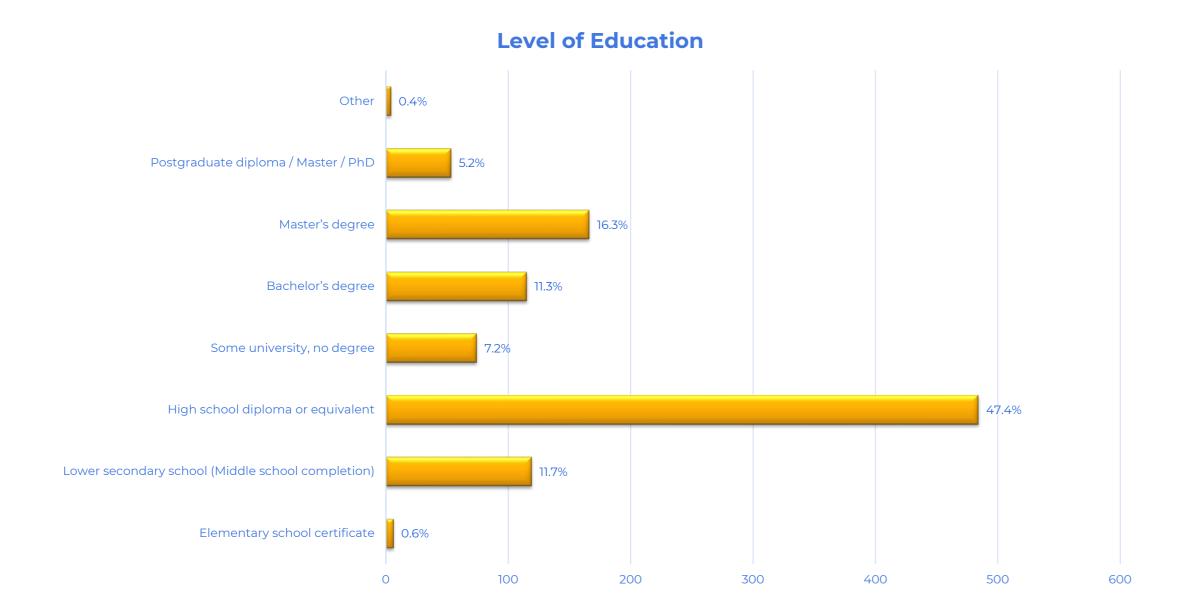




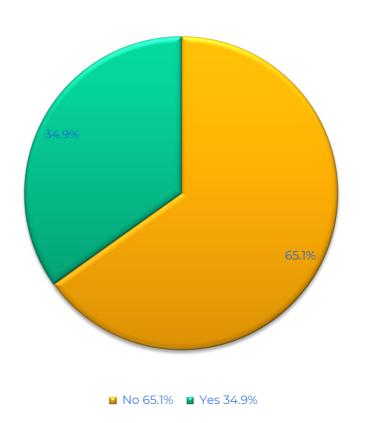


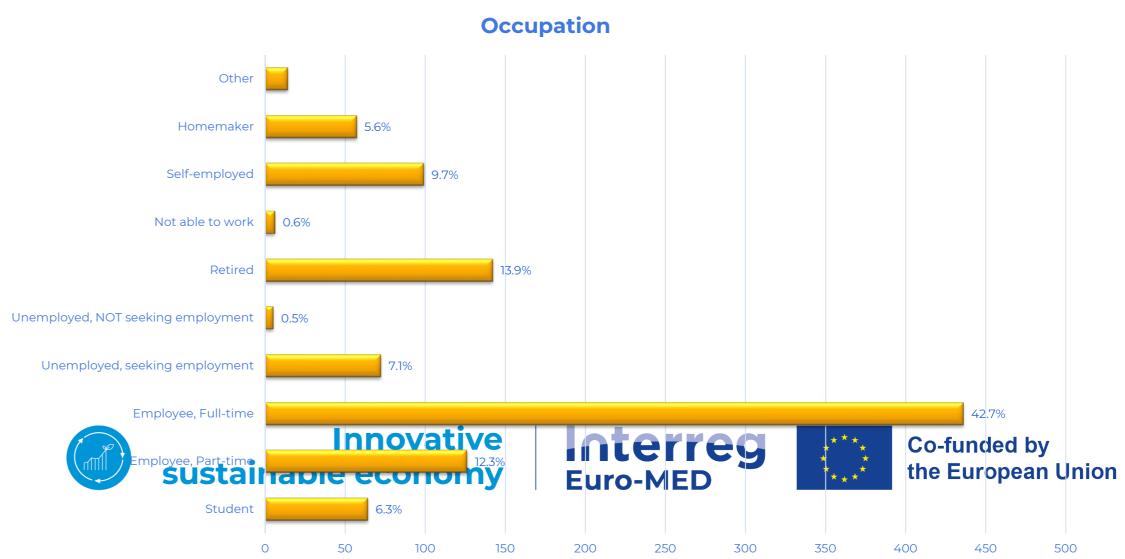
• SAMPLE



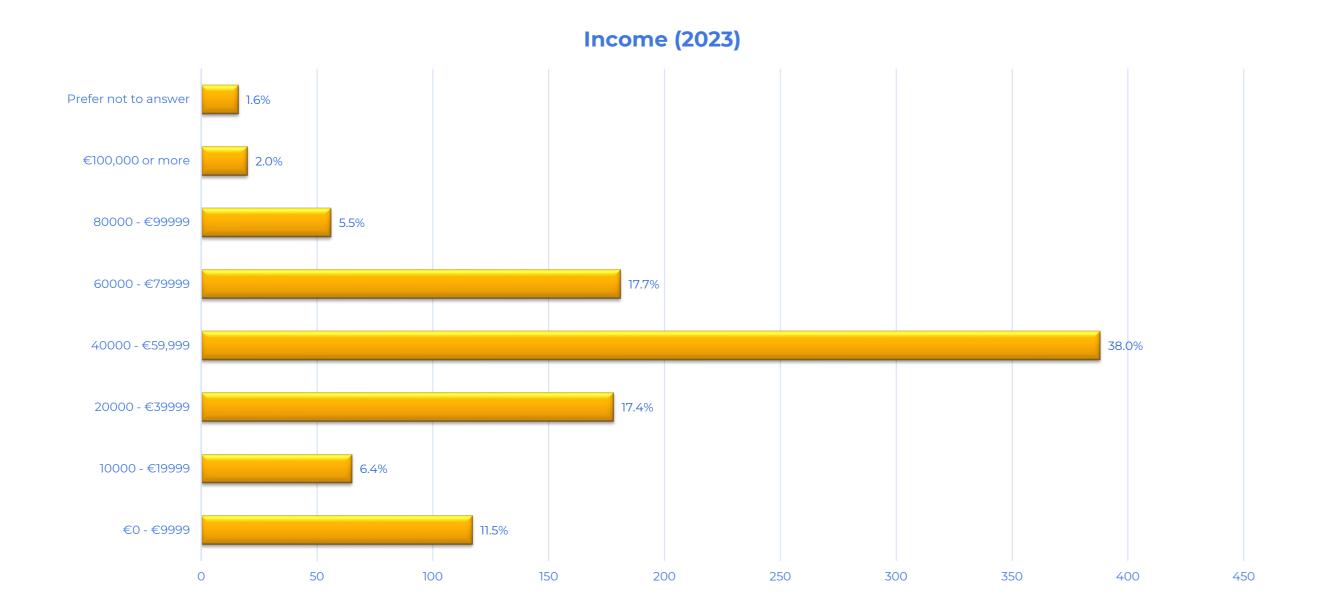


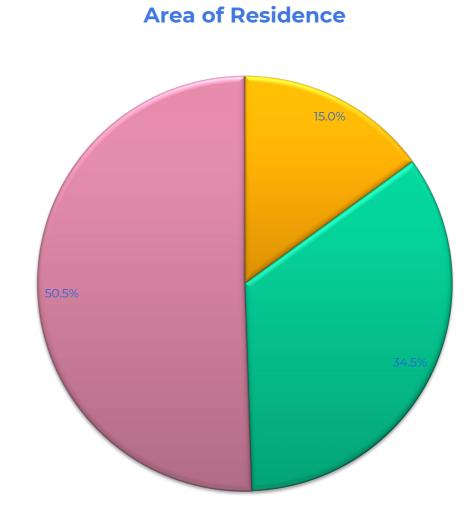
Do you have dependent children?



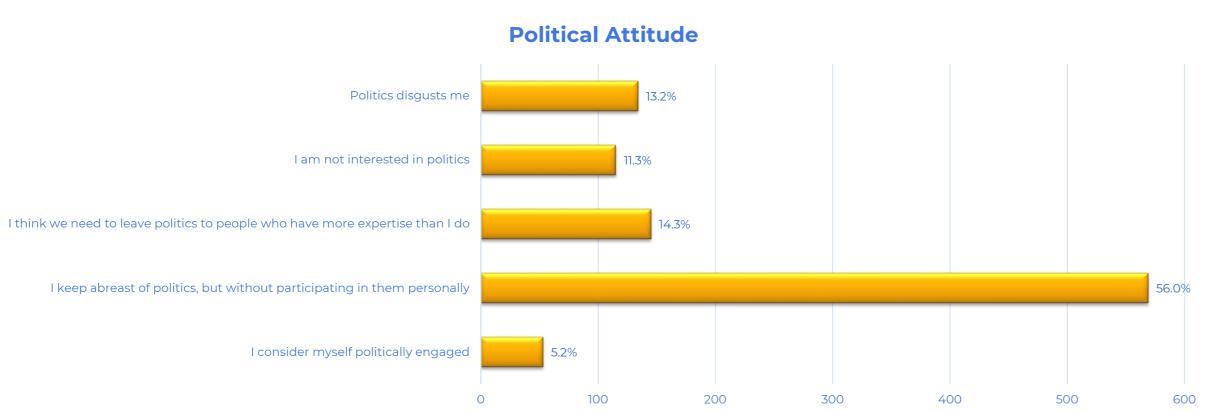


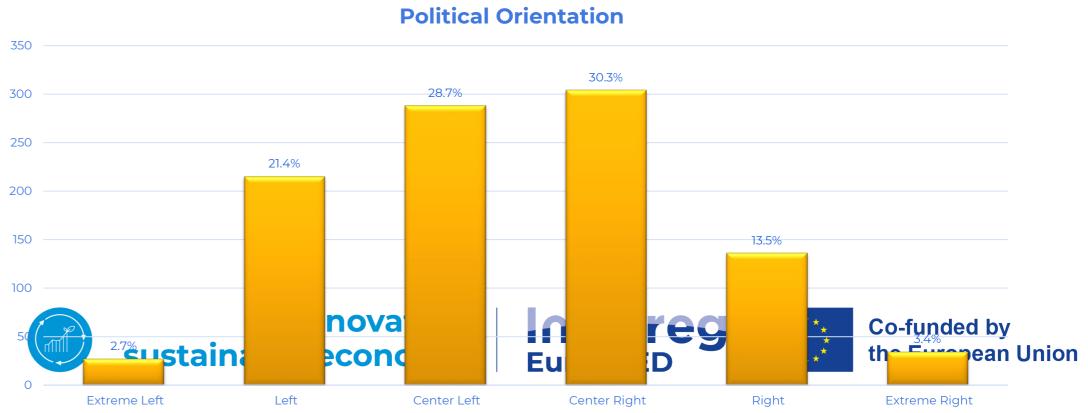
• SAMPLE





■ Rural/mountainous area ■ Small urban center ■ Big city





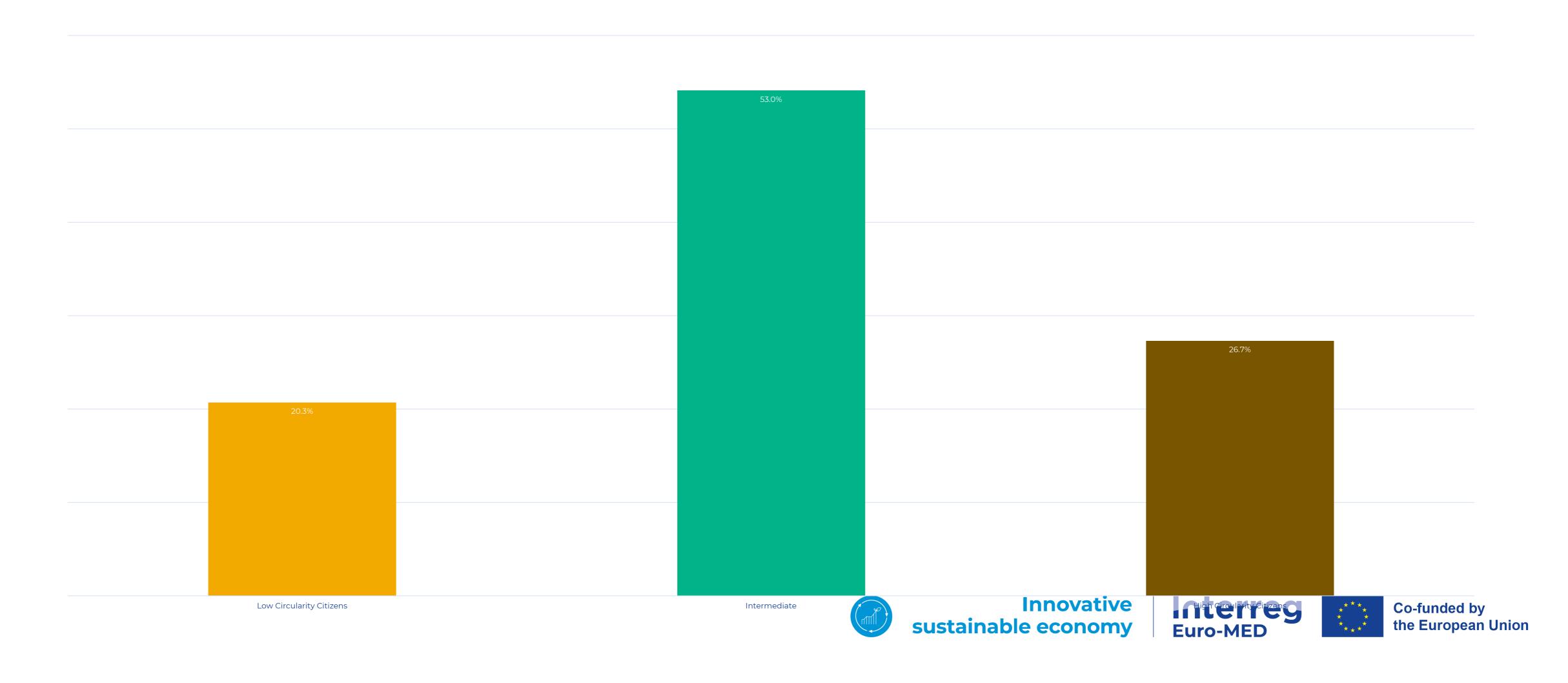
Finding Categories of Citizens

Latent Class Analysis (LCA) – Key Points

- What is LCA?
 - A statistical method for identifying unobserved (latent) subgroups within a population based on response patterns.
- How does it work?
 - Groups individuals with similar responses into distinct classes.
 - Uses probabilistic modeling to classify respondents.
 - No predefined categories—data-driven approach.
- Why use LCA in this project?
 - Identifies different citizen profiles based on survey responses.
 - Helps understand diverse behaviors and attitudes.
 - Supports targeted policy recommendations by secognizing distinct needs and engagement levels.



Finding Categories of Citizens on Circular Behaviors



Finding Categories of Citizens on Circular Behaviors

Q4_4 Recycle Glass

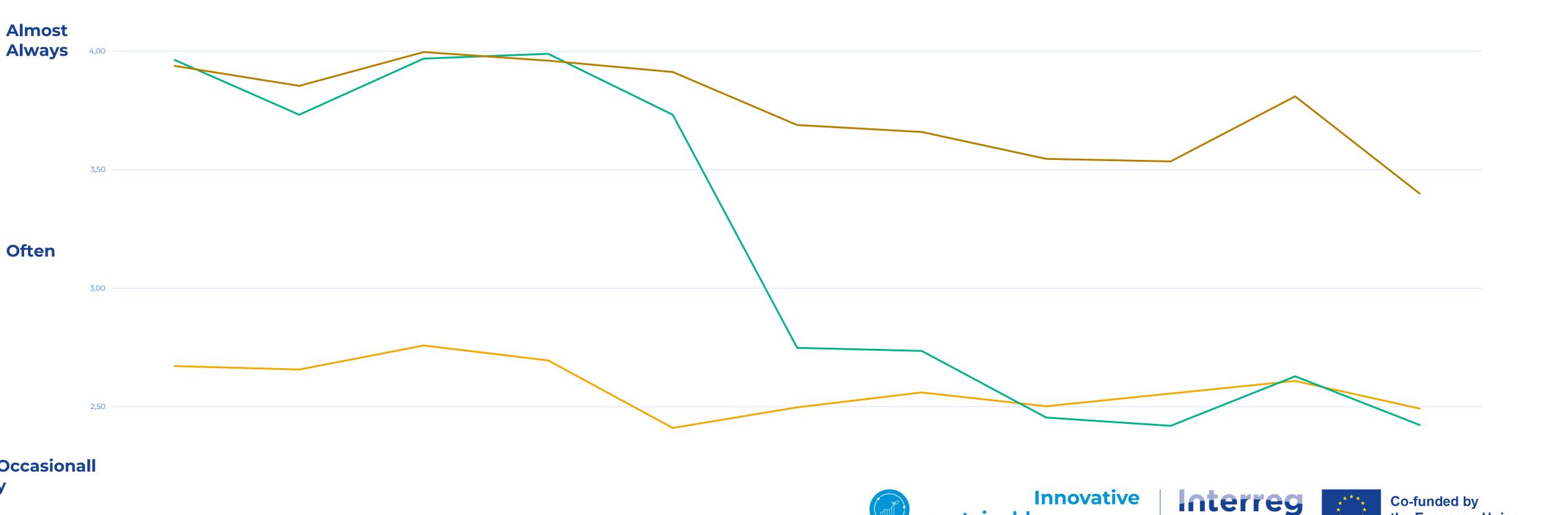
Q4_5 Recycle Aluminium

2,00

Q4_1 Recycle Paper

Q4_2 Recycle Organic Waste

Q4_3 Recycle Plastic



Q5_1 Reuse

—Low Circularity —Intermediate —High Circularity

sustainable economy

Q5_2 Repair

Q5_4 Bought Little Packaging Q5_5 Bought Reusable

Co-funded by

Q5_6 Bought Recycled

the European Union

Contingency tables: classes sociodemographic profile

C1-Age	Low circularity	Intermediate	High Circularity	Tot
18-29	29.0%	14.2%	12.8%	16.8%
30-44	32.4%	23.1%	24.5%	25.4%
45-54	21.3%	25.5%	20.9%	23.4%
55-64	10.6%	24.8%	24.2%	21.7%
65+	6.8%	12.4%	17.6%	12.6%
Tot	100.0%	100.0%	100.0%	100.0%

Co-funded by

the European Union

Sociodemographic profile of the classes

Low Circularity

Age (C1):

- Majority in the 30-44 age group (32%) and 18-29 class is overrepresented (29% compared to an overall 16%).
- Lower representation among over-50s (only 17% in the 50+ range against an overall 34%).

Gender (C2):

• Higher prevalence of males (62%) compared to females (38%).

Education (C6):

- Most common: high school diploma (45%)
- Low representation of Master Degree (13%).

Employment (C7):

- Full-time employees (44%) and students are overrepresented (12% compared to the overall 6%)
- Few retirees (5.8%).

Income (C8):

•Middle-to-low income (€20,000-€39,999: 34%; €10,000-€19,999: 21%).

Politics (C9-C10):

- •Under representation of: "I follow politics without participating" (45% against overall 56%).
- •Political alignment: Generally moderate, but slitghly leaning towards right (21% against overall 16%)

Residential Area (C11):

•Mostly live in large cities (52%).

Typical Profile:

Innovative
Your of the less with Equicility ed the less with the education of the

employed full-time or students, middle-low-

Sociodemographic profile of the classes

Intermediate

Age (C1):

- Balanced between age classes, slightly tending to middle-age (40-55) 26%, and seniors (56-65) 25%.
- Lower representation among over-50s (only 17% in the 50+ range against an overall 34%).

Gender (C2):

Balance between genders (50%-50%)

Education (C6):

- They are the most educated class: high school diploma (49%) and 35% with a degree or more.
- Low representation of Master Degree (13%).

Employment (C7):

- Full-time employees (49%)
- Retirees a bit overrepresented (16%).

Income (C8):

•Middle-income (€20,000-€39,999) prevalence, 41%.

Politics (C9-C10):

- •Overrepresentation of: "I follow politics without participating" (60% against overall 56%).
- •Political alignment: Generally moderate, but slitghly leaning towards Left (21% against overall 16%)

Residential Area (C11):

•Mostly live in large cities (51%).

Typical Profile:



full-time employed, middle-income, politically

Sociodemographic profile of the classes

High Circularity

Age (C1):

Equal distribution among age classes with over representation of 50+(42% against overall 34%).

Gender (C2):

Clear Females majority (60%).

Education (C6):

Prevalence of high school diplomas (46%)

Occupation (C7):

- Full-time employees are prevalent (39%) but slightly under the overall percentage (44%).
- Self-employed (11%) and Housemakers (8%) are a bit overrepresented.

Income (C8):

Concentration of middle incomes (€20,000-€39,99; 34%) and Upper incomes(€40,000-**€**59,999; 19,4%).

Politics (C9-C10):

- Prevailing Attitude is "I follow politics but do not participate" (56%).
- Interestingly both extreme attitudes (Politically engaged; Politics disgust me) are slightly overrepresented.
- Positioning: Center-left (27.6) prevails, Left (25.7%) and extreme left (3.4) are over the mean.

Residential area (C11):

sustainable economy

 Balance between small urban centers (33%) and large cities (48.7%).

Interreg

Euro-MED

Co-funded by

the European Union

Typical profile:

Middle aged/Old Women, medium-high

Next Steps and proposed deadlines

- 1. Data Analysis and National Report: Half May
- 2. First draft of the CircleMED Report : End of May/Mid-June
 - Finalization of the first draft of the report
 - Feedback from the partners
- 3. <u>CircleMED Report Review and Submission (UNITO): <u>End of June</u></u>











https://innovative-sustainable-economy.interreg-euro-med.eu



innovative-sustainable-economy@interreg-euro-med.eu



https://twitter.com/Gov4Innovation



https://www.linkedin.com/company/gov4innovation/

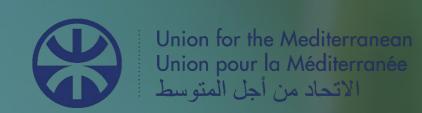
Thanks!

Zlatan Saračević zlatan @serda.ba

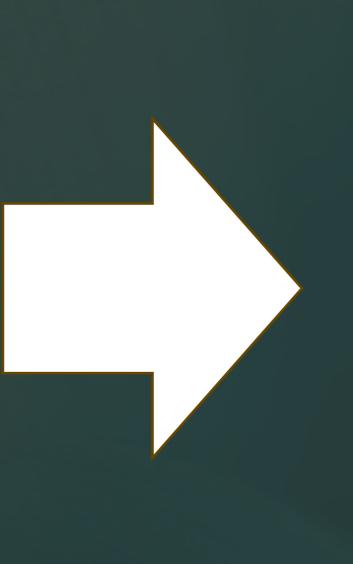








Join our slido survey SCAN HERE

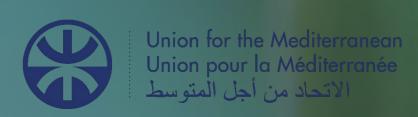










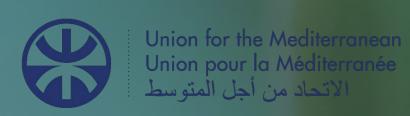


Ask a question







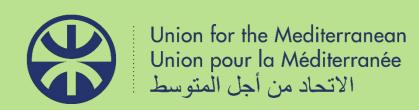


Conclusions and next stpes









It's lunch time

13:00 - 14:00









