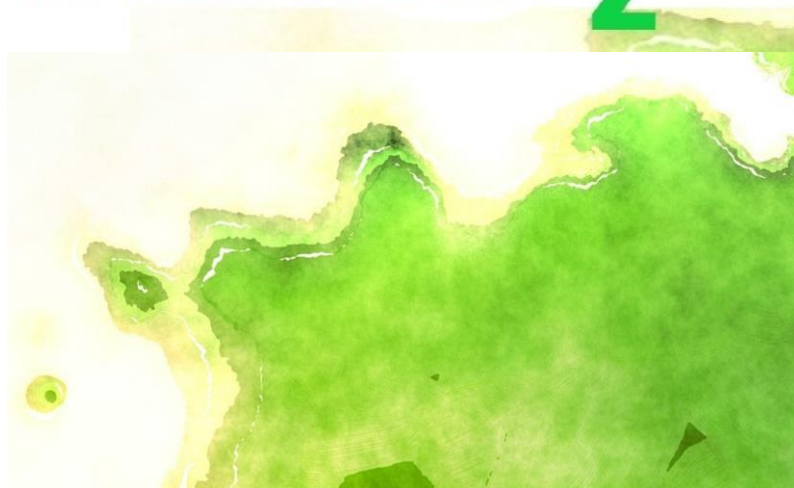


HIGH-LEVEL CONFERENCE ON **CIRCULAR ECONOMY 2**



AI-NURECC PLUS ONLINE EVENT
11 | APR | 2022

Circular Economy in WB Countries and EUSAIR TSG3 Pillar – Environmental Quality

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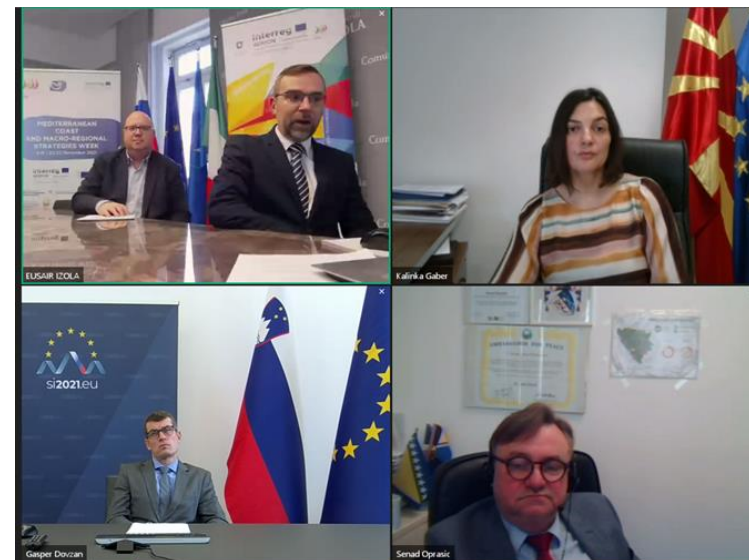
Co-coordinator of TSG3

EVENTS:

- TSG3 meeting with quorum on 26. October 2021, On-line
- **TSG3 and TSG1 Workshop: “What can EUSAIR do to enable the blue and green sustainable growth in EUSAIR: MSP in EUSAIR state of the art”**, 9 November 2021 (Izola, Slovenia - online) as part of *Mediterranean Coast and Macroeconomic Strategies Week*

Pillar active participation at other events:

- Mediterranean Coast and MRS Week 2021, 9.-11. and 22.-23. November 2021 organised between Izola, Slovenia and Skopje, North Macedoni
- **Re-Routing Tourism Aiming at Sustainable Green Macoregion**, EUSAIR Stakeholder Conference 2021, Rovinj (Croatia), 25 November 2021.
- ADRION annual and capitalisation event **“Together for a resilient Adriatic-Ionian Region”**, 7 December 2021, online



- Innovation expert prepared **Innovation Expert analysis – Eco-innovations & circular economy** - *Support for the process of coordination and development the work of the EUSAIR pillar Environmental Quality in Innovation-* to be agreed on next TSG3 meeting
- Engaged external expert to prepare **Action plan for joint planning on the coastal strip Koper-Izola for the pilot area of the Gulf of Trieste within the Flagship ICZM/MPS**
- Engaged external expert to **develop strategic project PET HAB ECO** - Cross-border plan for the protection and enhancement of natural habitats and ecosystems on land



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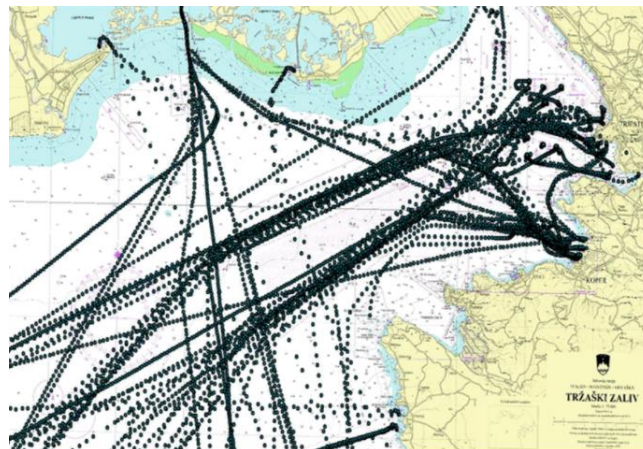


TSG moving from ideas to action

Innovation, flagships, interpillar coopreation, Facility point Contrubution



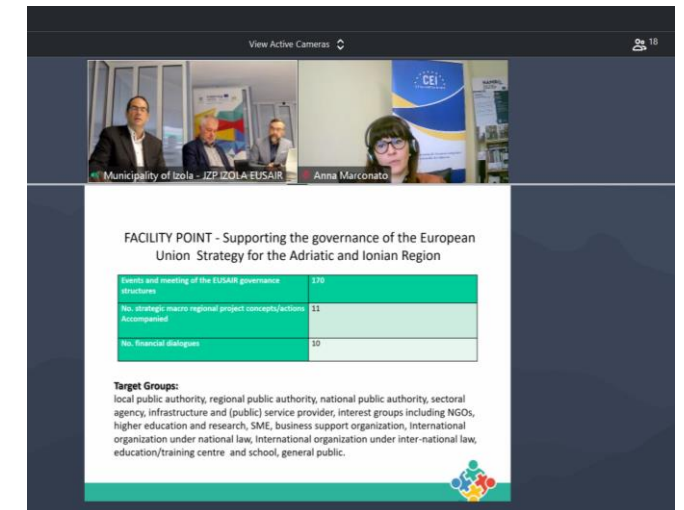
- Interpillar cooperation with the implementation of **Handbook of Green Infrastructure** - flagships support sustainable solutions and **implementation of green and blue corridors** to enhance water, food, energy and climate security on macroregional level
- Preparation of *Analysis of Legal basis for the establishment and further development of marine protected areas in the EUSAIR* – to be agreed on next TSG3 meetings
- Sent application to LIFE programme Call 2021-2024 on 30.11.2021 project **LIFE NOAH** based on TSG3 Flagship 3MPS.



NAMIRS project – North Adriatic Maritime Incident Response System **APPROVED**

- First project that is based on EUSAIR Flagship to receive EU funding (European funding from the Union Civil Protection Mechanism) budget: 950.000,00 EUR
- Project is based on EUSAIR TSG3 flagship – ASOSCoP, contingency plan in the event of accidents at sea in EUSAIR
- Main goals:
 - prepared **Guidelines for the revision and update of the Contingency Plan for the Adriatic Sea**
 - prepared **Standard Operating Procedures**, with specific measures and instructions to first responders engaged in a potential coordinated anti-pollution action at transnational level
 - **Training programme** for first responders, which will be tested in simulation exercises at sea
- 7 project partners from Italy, Slovenia and Croatia.

- Increased online appearance in media
- Press Conference [on 26. October 2021](#) – Marine Protected Areas in EUSAIR Region - presentation of ***Analysis of Marine (water) Protected Areas in EUSAIR and Proposals for Corrective Measures***
- Press Conference on 16. February 2022 – presentation of Flagship ASOSCoP to be implemented through project NAMIRS



Side event at **COP 22, The Barcelona Convention a key tool towards transitioning to sustainability**, 6 - 9 December 2021, Antalya, Turkey (that include Circular Economy)

Main achievements:

- Declaration of the entire Mediterranean as a control area for sulphur oxide emissions;
- Strategy for the Development of Marine Protected Areas. Within the framework of the EU Strategy for the Adriatic Ionian Macro-Region (EUSAIR) and TSG3 achievements a proposal for the proclamation of an international marine protected area in the Adriatic was formulated.

The later is supported by EEA and Blue Plan with the agreed cooperation programme for next 10 years which includes TSG3 achievements.



Circular Economy Infographic EU Circular Economy Packaging Process

Source: <https://www.ellenmacarthurfoundation.org/circular-economy/infographic>

OUTLINE OF A CIRCULAR ECONOMY

PRINCIPLE

1

Preserve and enhance natural capital by controlling finite stocks and balancing renewable resource flows.
ReSOLVE levers: regenerate, virtualise, exchange

Renewables flow management

Renewables Finite materials

Regenerate Substitute materials Virtualise Restore

Stock management

PRINCIPLE

2

Optimise resource yields by circulating products, components and materials in use at the highest utility at all times in both technical and biological cycles.
ReSOLVE levers: regenerate, share, optimise, loop

Regeneration



Biochemical feedstock

Cascades



Collection

Extraction of biochemical feedstock²



Parts manufacturer

Product manufacturer

Service provider



Collection



Recycle

PRINCIPLE

3

Foster system effectiveness by revealing and designing out negative externalities.
All ReSOLVE levers

Minimise systematic leakage and negative externalities

1. Hunting and fishing
2. Can take both post-harvest and post-consumer waste as an input
Source: Ellen MacArthur Foundation, SUN, and McKinsey Center for Business and Environment; Drawing from Braungart & McDonough, Cradle to Cradle (C2C).

As described in the figure and contents of the EU Circular Economy Package, transition to a circular economy offers a lot of environmental, economic and social benefits to reach the objective of the processes.

However, transition to circular economy is challenging long run process, which requires new policy instruments that extend far beyond existing waste legislation.

Activities in EUSAIR, need to be included in, is to promote transition to circular economy which also contributes to more efficient resource and waste management across Adriatic Ionian Region.

Non-EU countries started with this process, for example in Bosnia and Herzegovina, we are preparing Road Map for Circular Economy

Albania refers to the principles of the circular economy only in the draft National Strategy for Integrated Management of Waste Management (2018-2023)

Circular Economy Report Bosnia and Herzegovina

Circular Economy **Road Map Bosnia and Herzegovina is in progress**

Circular Economy Special Report - Montenegro

Circular Economy Road Map – Montenegro

Circular Economy in North Macedonia started in december 2021

Circular Economy Process started in Serbia with several other activities

Road Map to Circular Economy in Bosnia and Herzegovina

Vision

By 2030, a circular economy in Bosnia and Herzegovina will actively support a just transition to a low carbon, resilient, and competitive economy to which industries and consumers will successfully contribute by extracting more value from resources, minimizing resource consumption and designing out waste and pollution, while eliminating the negative impacts on the natural environment.

Rapid assessment

Policy and regulatory
framework,
state of play

Formulating strategic direction

Vision,
objectives,
strategic diagram

Future work

Strategic direction,
scope of work

Consultations and survey

Stakeholder mapping,
interviews, FGDs,
quantitative survey

The way forward

Priority enablers,
pre-conditions,
action platform

Strategic direction and action platform for Bosnia and Herzegovina

Objectives



O1: Circulate products and materials at their highest value, decoupling economic activity from resource consumption



O2: Supporting the sustainable use of natural resources and the regeneration of natural systems

Goals

G1: Reduce GHG emissions intensity (tones of eq CO2 per GDP unit) by 20%

G2: Reuse at least 30% of industrial waste as secondary raw material

G3: Reduce consumption of single-use packaging, plastics and toxic materials by at least 25%

G4: Increase domestic production and utilization of recyclable products and products with higher recycled content by 20%

G5: Increase resilience and regeneration of natural resources

Measures

M1: Circular business models across the lifecycle of assets

M2: Circularity in the operations of local businesses

M3: Resource efficient use of underutilized assets

M4: Regenerative agricultural and industrial practices

M5: Industrial symbiosis and closed loop industrial supply chains

M6: Closed loop bio-based supply chains

M7: Innovation and digitization across commercial and industrial supply chains

M8: Supply and circulation of reusable, low carbon, bio-degradable and high recycled content products

**Key challenges for the WB that need to be addressed during the transition to a circular economy.
That are:**

- 1. High level of air, water and soil pollution;**
- 2. Low production efficiency and thus low raw material productivity;**
- 3. High energy intensity production;**
- 4. High degree of dependence on imported raw materials and (fossil) energy sources;**
- 5. Low level of connection of research and innovation with the economy and economic needs;**
- 6. Low level of investment of state bodies in environmental protection;**
- 7. Low level of investment of state institutions in encouraging economic innovations;**
- 8. Poorly developed system of returning raw materials, production parts and the products themselves to the economy (starting with waste management with a focus on recycling).**

The following sectors are identified in this phase as key sectors for the process of transition towards a circular economy:

- **Waste collection, waste treatment and disposal activities;**
- **Agriculture, forestry and hunting;**
- **Manufacture of rubber and plastic products;**
- **Material recycling;**
- **Manufacture of paper and paper products;**
- **Manufacture of food products and beverages,**
- **Wood processing and furniture production;**

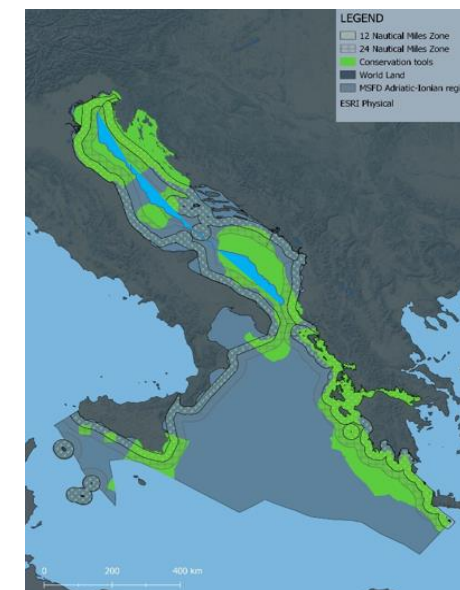
Processing of metal products and production of machines and device

Recommended initiatives from the EU guidelines for the implementation of the Green Agenda for the Western Balkans in the field of transition towards a circular economy:

- **Support in improving the sustainability of production of raw materials and feedstock;**
- **Support in the development of industrial supply chains, in particular for industrial ecosystems;**
- **Development of circular economy strategies looking at the entire lifecycle of products, waste prevention, modern waste management and recycling, re-use, repair and remanufacturing;**
- **Implementation of consumer targeted initiatives for raising awareness of citizens on waste, separate collection and sustainable consumption**
- **Preparation and implementation of waste prevention programmes, waste management and recycling strategies, and programmes for re-use, repair and manufacturing;**
- **Continue supporting the construction and maintenance of waste management infrastructure;**
- **Develop a regional (Western Balkan) agreement on the prevention of pollution from plastic; ...**

WORK AHEAD - Plan for 2022

- **Next TSG3 Meeting, October 2022**
- **Further involvement with the CE in Barcelona Convention**
- **Involvement of Youth - local and international events for CE and Coastal Planning**
- **Active participation at 7th EUSAIR Forum in Albania,**
- **May 2022, Proposed title of the Forum session**
Biodiversity/Marine protected areas beyond national jurisdiction Promotion of Circular Economy in the context of Green Agenda for the Western Balkan
- ***Other environmental and climate activities***





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EU Strategy for the
Adriatic and Ionian Region
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Thank you!

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