

Air quality management, air quality planning

Depollution Air pillar under the EU4Green project

Ohrid | Date: 08.11.2023

Source: Umweltbundesamt, M. Deweis

The European Green Deal 2019 - 2024

- The [European Green Deal](#) aims to transform the EU into a modern, resource-efficient and competitive economy, ensuring:
 - no net emissions of greenhouse gases by 2050
 - economic growth decoupled from resource use
 - no person and no place left behind
 - The Green Deal covers many areas:
 - Climate
 - Energy
 - **Environment and the oceans**
 - Agriculture
 - Transport, industry
 - Research and innovation
 - Finance and regional development
 - New European Bauhaus
- Actions* →
- Biodiversity Strategy for 2030
 - Circular economy action plan
 - Chemicals strategy for sustainability
 - Organic action plan
 - 8th Environment Action Programme
 - Blue economy strategy
 - **Zero pollution action plan**
 - Waste and recycling
 - Sustainable batteries
 - 'Farm to Fork' strategy
 - Common Fisheries Policy

Green Deal for the European Union → **Green Agenda** for the Western Balkans

TURNING SUSTAINABILITY & RESILIENCE CHALLENGES INTO OPPORTUNITIES

Overall objective of the EU4Green project

to enhance the Western Balkans transition to modern, resource efficient and competitive economies where growth is decoupled from emissions of greenhouse gases, resource use and waste generation and where climate resilience is pursued.

Specific objective

to support the Western Balkans in the implementation of the **Green Agenda**, thus achieving their commitment to transforming their economies on a more sustainable path and reaching climate neutrality by 2050.

Cooperation with the **Regional Cooperation Council**



Source: Umweltbundesamt, B. Gröger

GREEN AGENDA FOR WESTBALKANS



Decarbonisation:
clean energy and
smart transport



Pollution air, water
and soil monitoring
and prevention



Agri-food measures:
modern agriculture
and food quality



Biodiversity: keeping
the region pristine and
promoting ecotourism



Circular economy:
sustainable use of
resources

THE SCOPE OF EU4GREEN PROJECT – 4 OUTCOMES

OUTCOME 1

Beneficiaries are empowered in the **implementation of the Green Agenda action plans**, and its five main areas of implementation through a fit for purpose setup

OUTCOME 2

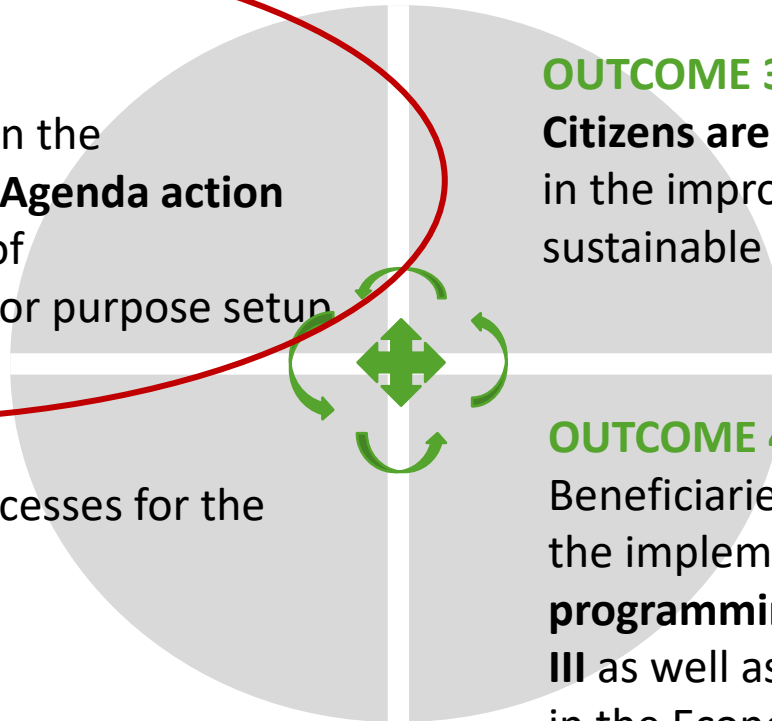
Monitoring and reporting processes for the GAWB are operational

OUTCOME 3

Citizens are aware of the EU's efforts and contribution in the improvement of living conditions and sustainable green recovery in the 6 economies

OUTCOME 4

Beneficiaries will be able to articulate needs relating to the implementation of the Green Agenda in the **programming of the Instrument for Pre-Accession (IPA) III** as well as the relevant **investment flagships defined** in the Economic and Investment Plan



PROJECT FACTS & FIGURES

- Beneficiaries:
 - Albania,
 - Bosnia and Herzegovina,
 - Kosovo*,
 - Montenegro,
 - North Macedonia, and
 - Serbia
- Duration 2022 - 2025
- Project offices
 - Belgrade
 - Sarajevo
 - Tirana
- Project Leader: Ruy Mauricio Frank
- Local project representatives

WORK PACKAGES – DEPOLLUTION AIR

- Foreseen activities discussed in inception phase (2022)
 - Mapping of completed, on-going and planned project
 - Status of air quality monitoring and planning
 - Gap analysis
 - Series of two workshops with beneficiaries to discuss needs, methods, priorities
 → Decision on priorities, work plan in relation to budget
- WP 1-7 Air quality management - emission from domestic heating and agricultural waste burning
- WP 1-8 National Reference Laboratory for Air Quality
- WP 1-9 Monitoring of ecosystem indicators
- WP 1-10 Air emission reporting and proposing emission reduction commitments

Activities under WP 1-7

- Workshop regarding air quality plans, modelling, emissions from domestic heating and agricultural waste burning
- Workshop will be held from 6 to 7 December in Sarajevo
- Development of guidance documents to support local municipalities:
 - A lot of general guidance for AQ planning, modelling, measures, etc., is already available
 - Focus on local level, good practice experiences, participation, funding opportunities
 - to develop and implement AQ plans,
 - to address domestic heating and
 - to address agricultural waste burning

AIR QUALITY MANAGEMENT WORKSHOP IN SARAJEVO, 6-7 DECEMBER

- 4 sessions
 - Air quality planning
 - Air quality modelling
 - Domestic heating
 - Agricultural waste burning
- Hybrid event
- Focus: support for local administrations; funding opportunities
- Participants
 - Ministries, environment agencies (2-3 per economy)
 - Online (mainly): NGOs, local authorities (if invited by the national focal point, technical coordinators of WB6)
- Session 1: air quality planning
 - General requirements air quality plans and programmes (C. Nagl)
 - Urban agenda guidance document (S. Moroni, AMAT)
 - Clean Air Regions Initiative (Peter Vajda, Energy Community)
 - Funding of air quality plans (EIB, t.b.c.)
 - Participation processes in air quality planning (Chloé Déchelette, OiEau)
 - Discussion of guidance document within in working groups

AIR QUALITY MANAGEMENT WORKSHOP IN SARAJEVO, 6-7 DECEMBER

- Session 2: air quality modelling
 - Emission inventory toolkit as basis for AQ planning in the Western Balkans (Olivier Tasse or Eef van Dongen, SMHI)
 - Modelling activities at FMI, focus on local AQ planning (Harri Pietarila or Katja Loven)
 - Source apportionment for the air quality plan of Skopje (tentative title, Prof. Dejan Mirakovski, Goce Delchev University)
 - Modelling for air quality planning in Strasbourg (tentative title), Pascaline Samyn and colleagues (Direction de l'environnement et des services publics urbains)
 - Discussion of guidance document within working groups
- Session 3: domestic heating
 - Good practice examples for funding of domestic heating measures, energy poverty (Siegmond Böhmer, Umweltbundesamt)
 - Evaluation of the effectiveness of funding schemes (Daniel Reiterer, Umweltbundesamt)
 - UNDP activities in Serbia (t.b.c.)
 - Coal replacement scheme Tuzla (Mayor of Tuzla)
 - Funding of domestic heating projects (Hannah Bartels, Olga Zhminko EU4Green)
 - Discussion of guidance document within in working groups

AIR QUALITY MANAGEMENT WORKSHOP IN SARAJEVO, 6-7 DECEMBER

- Session 4: agricultural waste burning
 - UNECE guidance document (Nadine Allemand, TFTEI)
 - Alternatives agricultural waste burning (Hedwig Bartl EU4Green, online)
 - Discussion of guidance document within working groups
- Follow up
 - Drafting of guidance documents, including results of the Ohrid workshop
 - Finalisation of draft guidance documents based on results from working groups within December workshop
 - Online workshop in Q1/2024 to further discuss guidance documents
 - Finalisation of guidance documents

POSSIBLE QUESTIONS FOR WORKING GROUPS

- Status Quo, main gaps, challenges and obstacles
- Priorities for the guidance documents
- What should be included in guidance documents
- Possible follow up work (also for Outcome 4: programming of the Instrument for Pre-Accession (IPA) III, investment flagships defined in the Economic and Investment Plan)

FURTHER INFORMATION, USEFUL LINKS

- European Green Deal: https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/european-green-deal_en
- Zero Pollution Action Plan: https://environment.ec.europa.eu/strategy/zero-pollution-action-plan_en
- EU4Green project: <https://eu4green.eu/>, <https://eu4green.eu/topics/depollution-of-air/>
- Regional Cooperation Council: https://www.rcc.int/priority_areas/61/green-agenda-for-the-western-balkans

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