



ADAPTATION FUND

AFB/EFC.36/Inf.1
October 7-8, 2025

Adaptation Fund Board
Ethics and Finance Committee
Thirty-sixth meeting
Bonn, Germany

Portfolio Monitoring Missions Update



ADAPTATION FUND

Portfolio Monitoring Missions Update

Ethics and Finance Committee (EFC)

October 7th, 2025



Portfolio Monitoring Mission - PMM

**A key part of the Adaptation Fund's results-based management system,
1-3 held a year**

- ❖ Supports monitoring, learning, and sharing best practices
- ❖ Focuses on implementation progress, successes, and challenges
- ❖ Enhances transparency, accountability, and knowledge exchange
- ❖ Involves direct engagement with stakeholders (government, partners, beneficiaries)



Selection Criteria and Post-mission Activities

Selection Criteria

- ❑ **Geographic coverage:** Ensure regional balance
- ❑ **Thematic alignment:** Alignment with key topics shaping engagement and discussions within the climate community
- ❑ **Project status:** Focus on active, mid-stage projects
- ❑ **IE hosting capacity:** Based on feasibility and readiness

Post PMM Activities

- ❑ **Debriefing:** Discussion with IE and EEs on successes and challenges
- ❑ **Follow-up actions:** IEs take action where necessary based on discussions during the mission
- ❑ **Mission Report:** Summary of lessons learned published
- ❑ **Share lessons with Secretariat:** Lessons inform future project review and portfolio management



PMM: Western Balkans Transboundary Flood Risk Management

Mission Date: May 29 – June 6, 2025

- ❑ **Project Title:** *Integrated climate-resilient transboundary flood risk management in the Drin River basin in the Western Balkans*
- ❑ **Implementing Entity:** UNDP
- ❑ **Funding amount:** US\$ 9,927,750
- ❑ **Duration:** October 2019 – April 2026
- ❑ **Beneficiaries:** 1.6 million people living in the Drin River Basin (Albania, Montenegro, North Macedonia, Kosovo and Greece)
- ❑ **Objectives:**
 - Strengthen early warning systems
 - Reduce flood risk
 - Enhance community resilience



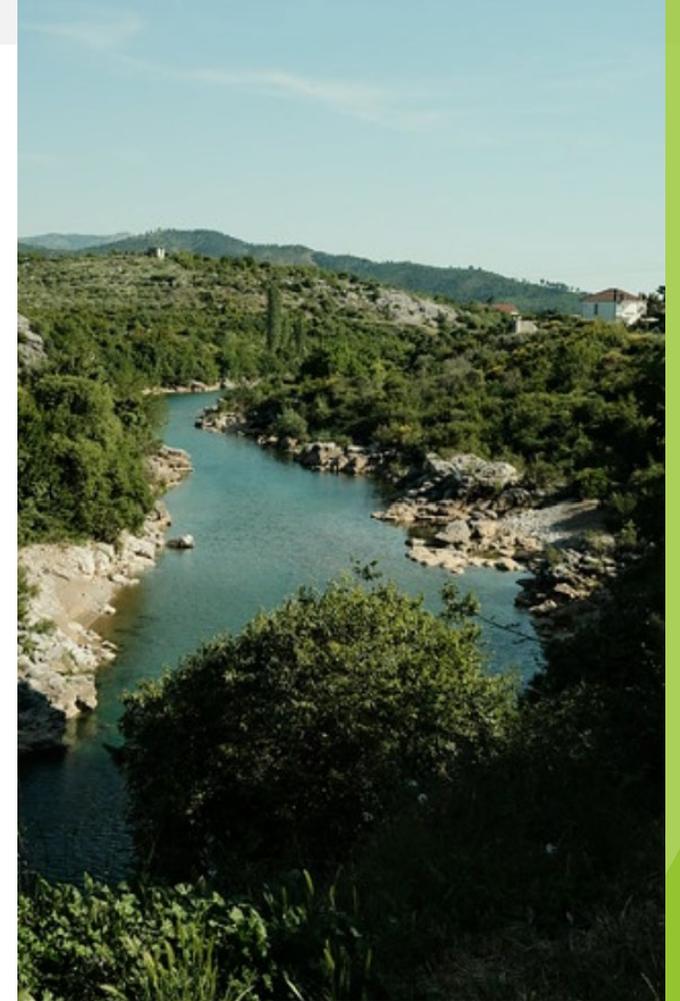


PMM: Western Balkans Project Components

- **Component 1** – Hazard and risk management tools
 - GIS-based flood risk models and maps
 - New hydromet stations installed (Montenegro and North Macedonia)
 - A new server room was equipped with high performing computing cluster (Albania)

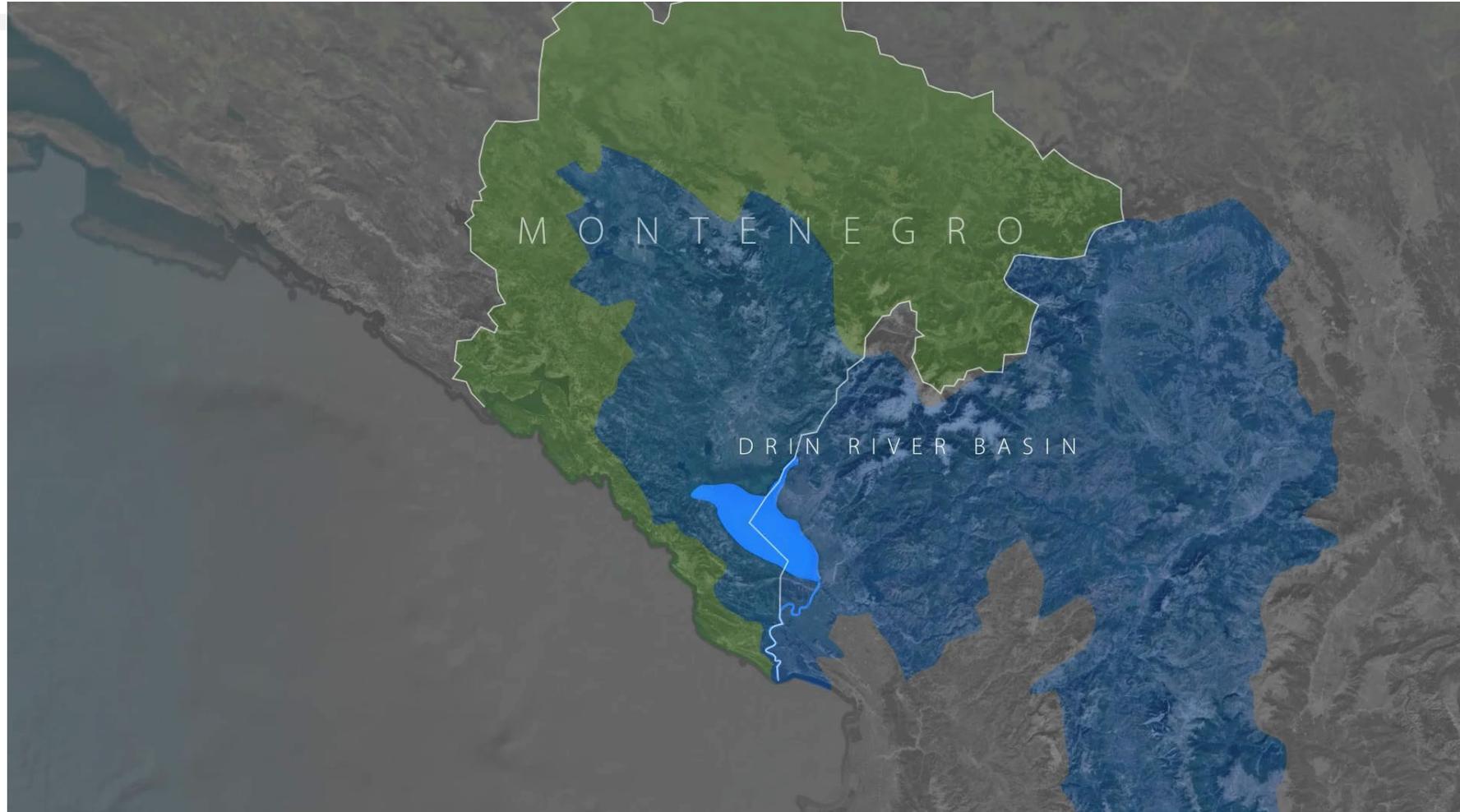
- **Component 2** – Transboundary institutional, legislative and policy frameworks
 - Transboundary Flood Risk Management (FRM) Strategy and Action Plan developed
 - Assessment of different insurance coverages (parametric insurance found suitable)

- **Component 3** – Community-based adaptation and FRM interventions
 - Structural measures: River embankment (Montenegro, Buna River), sedimentation tank, vegetation cleanup and water diversion facility (North Macedonia), channel cleanup (Albania)
 - Non-structural: Post Disaster Needs Assessment methodology and tools, several flood protection plans





Here is a glimpse at the Activities and Outcomes through this regional project





PMM: Western Balkans

Key Features and Lessons

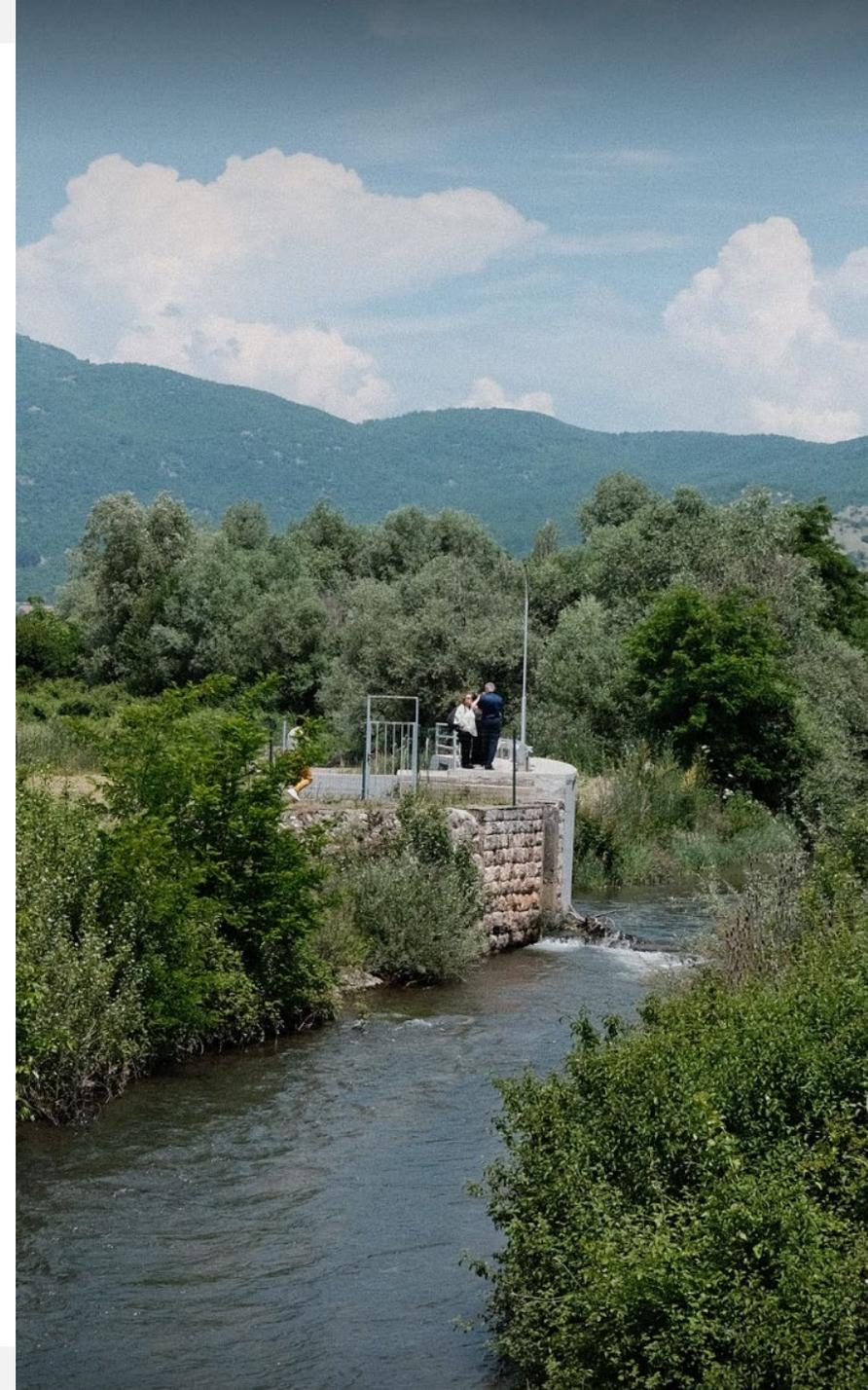
➤ **Sustainability and Scalability:**

- Robust foundation for long term sustainability: Drin Core Group 2011 MoU
- National commitments for O&M, voluntary additional financing by municipalities
- Project is being scaled up at national and regional levels: GEF (US\$ 7.1 M) and EU IPA (€ 8 M) financing

➤ **Capacity Building:** Practical tools (FRM plans, technical design studies) institutionalized within agencies.

➤ **Innovation:** First basin-wide GIS flood model; socio-economic risk maps integrated into city planning.

Regional approaches are critical for managing transboundary risks





PMM: Malaysia

Nature-based Climate Adaptation

Mission Date: March 17-21, 2025

- **Project Title:** *Nature-based Climate Adaptation Programme for Urban Areas of Penang Island*
- **Implementing Entity:** UN-Habitat
- **Funding amount:** US\$ 10 million
- **Beneficiaries:** 343,739 direct and 311,257 indirect beneficiaries.
- **Duration:** 2022 - 2027
- **Objective:** Pioneer use of Nature-Based Solutions to:
 - Enhance urban resilience
 - Reduce human and ecosystem health vulnerability to climate change impacts and extreme events
 - Increase social resilience and build institutional capacity





PMM: Malaysia Project Components

- **Component 1** – Adaptation to the urban heat island effect through urban greening
- **Component 2** – Built projects for stormwater and flood management
- **Component 3** – Comprehensive vulnerability/baseline assessment and action plans in targeted communities
- **Component 4** – Strengthening social resilience program
- **Component 5** – Institutional capacity and knowledge transfer platform





Here is a glimpse at the Project Activities and Outcomes





PMM: Malaysia

Key Features and Lessons

- **Innovation:**
 - Malaysia's first Tree Atlas (climate-resilient species)
 - IoT sensors for real-time CO₂, temperature, air quality data
 - Thermal imaging to measure cooling effect of green facades
 - Sea grape cultivation for food security & coastal resilience
- **Country Ownership & Engagement:** Projects firmly rooted in national priorities and development plans drives country ownership and stakeholder participation
- **Voluntary Co-Financing:** Local co-investment deepens ownership, expands project scope, and ensures continuity beyond AF support
- **Institutional Silos:** Multiple EEs that are not reporting through a centralized system and do not have continuous engagement can impact effective project monitoring





PMM: Laos

Climate and Disaster resilience for Human Settlements

Mission Date: March 24-28, 2025

- **Project 1 Title:** *Enhancing the climate and disaster resilience of the most vulnerable rural and emerging urban human settlements in Lao PDR*
- **Implementing Entity:** UN-Habitat
- **Funding amount:** US\$ 4.5 million
- **Beneficiaries:** 125,295 beneficiaries, including 67,659 women
- **Status: Completed** (2017 – 2024)
- **Objective:** Improve access to safe, climate-resilient water systems and strengthen community resilience through inclusive, locally driven solutions





PMM: Laos

Project Components

- ▶ **Component 1 – Institutional Capacity Development:**
Strengthening national and local authorities for resilient human settlements and infrastructure
- ▶ **Component 2 – Community Resilience Building:**
Enhancing well-being and health through local capacities and resilience strategies
- ▶ **Component 3 – Climate-Resilient Infrastructure:**
Developing small-scale water supply and disaster-resilient systems
- ▶ **Component 4 – Knowledge, Advocacy & Monitoring:**
Ensuring compliance with AF/UN-Habitat standards for KM, monitoring, and dissemination





Here is a glimpse at the Project Activities and Outcomes





PMM: Laos

Key Features and Lessons

- ▶ **Cost-Efficient Solutions:** Gravity-fed systems reduced costs of operation
- ▶ **Alignment with Past Interventions:** Aligning new projects with previous efforts improves delivery speed and resource efficiency (130–343% more cost-efficient than comparable interventions)
- **Water infrastructure can act as a catalyst for local development:** The project has potential to attract private sector investment in tourism sector with potential impact on job creation and poverty reduction
- ▶ **Effective Decentralization:** Provincial departments deliver cost-efficient and locally relevant solutions.



LESSONS LEARNED ACROSS PMMs



Alignment with National Priorities and Country Ownership

Projects firmly rooted in national priorities and development plans drives country ownership and enhance implementation



Catalyzing Additional Finance

AF grants plays catalytic role in unlocking additional financing opportunities from diverse form of government and partners.



Building on Previous Interventions

Aligning with previous efforts and governance systems accelerates delivery, enhance cost efficiency and avoids duplication.



Local Content and Community Engagement

Involvement of local institutions and partners are critical for tailoring solutions and mobilizing resources.



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THANK YOU

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