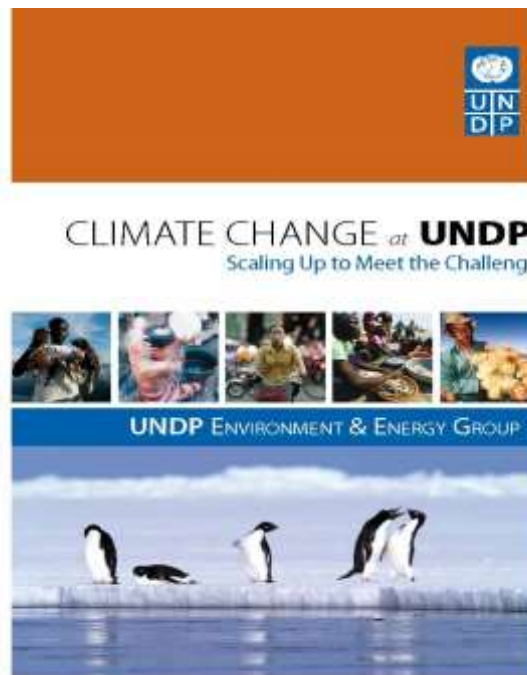




Promoting Adaptation to Climate Change

UNDP work in Western Balkans



Jürg Staudenmann, Deputy Resident Representative, UNDP Serbia

UNDP Adaptation portfolio in WB



Objective:

To assist governments to transition to green, inclusive, low emission climate resilient development



Integrated
Climate
Strategies

Climate
Resilient
Livelihoods

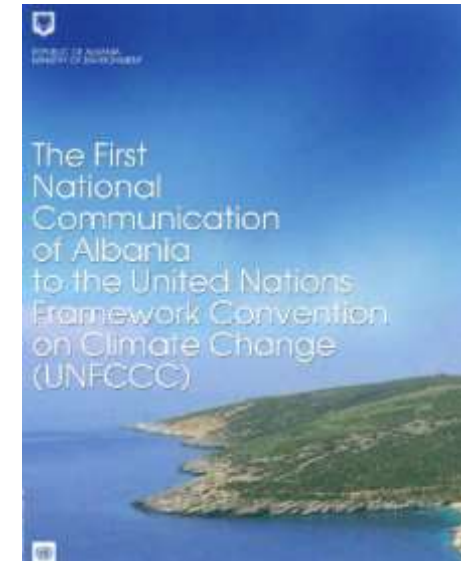
Climate
Information &
Early Warning
Systems

Integrated Climate Strategies (1): UNFCCC Enabling Activities

- **National Capacity Self Assessments:**
Albania, Macedonia, Serbia, BiH
- **National Communications to UNFCCC:**
Albania, Macedonia, BiH, Serbia,
Montenegro

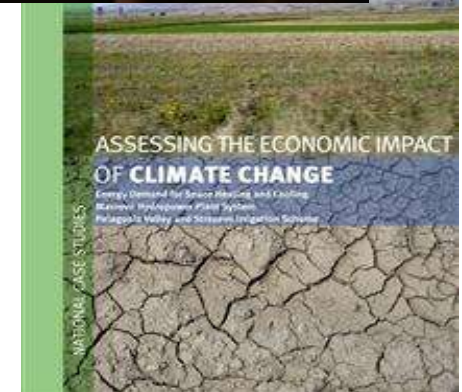
Currently:

- ✓ Albania – 3d NC
- ✓ Macedonia – 3d NC
- ✓ Serbia – 2nd NC
- ✓ BiH – 2nd NC
- ✓ Montenegro – 2nd NC



Integrated Climate Strategies (2): Institutional frameworks for adaptation & support for decision-making

- ✓ Support to National Climate Change Adaptation Strategies: BiH, Kosovo
- ✓ Climate Change Action Plan for Association of Kosovo Municipalities
- ✓ Reports on Socio-Economic Impact of Climate Change: Croatia and Macedonia



Climate resilient livelihoods:

Disaster and Climate Risk Reduction Project in Macedonia

Objective: to reduce disaster and climate risks in the country and thus contribute to the attainment of country development goals

Project duration: 4 years

Budget: \$ 1,3 million



Identification and Implementation of Adaptation Response Measures in the Drini-Mati River Deltas in Albania

Objective: Building resilience of unique coastal ecosystems and local livelihoods to climate change

Project duration: 5 years

Budget: \$2 million



Identification and implementation of adaptation response measures in the Drini-Mati River Deltas

Key problems

- Loss of coastal, marine and estuarine habitats;
- Removal of important geomorphologic features (sand dunes);
- Extensive clearing of coastal vegetation, loss of flora and fauna;
- Removal of buffer zones;
- Changes in distribution of invasive species;
- Reduced ecosystem resilience to sea level rise and climate change; and
- Saltwater intrusion.



Coastline prediction for the year 2100 for the DMRD area showing (in blue) the area of the current coastal zone that will be affected by sea level rise.



Adaptation measures

Build adaptation capacities

- Disseminate climate change information throughout levels of government
- Review and amend existing legislation to align to management objectives in light of projected CC
- Develop the Regional (DMRD) climate change adaptation policy

Deliver adaptation actions

Soft (ecosystem based)

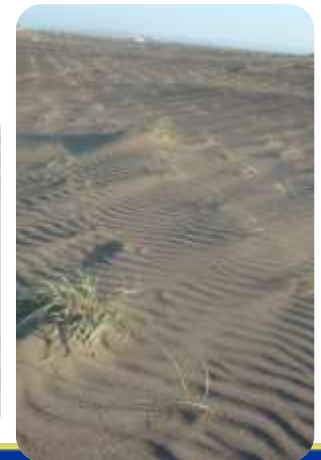
- Beach nourishment
- Dune planting
- Incorporate 'Integrated monitoring programme' into the National Monitoring P
- Reforestation
- Waste water treatment

Hard structural

Construction of groyne field
Construction of terminal groyones
Breaching Zaje – Ceke lagoon embankment ; embankments; etc.

Key project achievements

- **‘Dune planting’** - demonstration of restoration activities to adapt to sea level induced erosion (Vaini Lagoon)
- **Adaptation measures** integrated into the Management Plan of Kune-Vain Protected Area
- **Ecosystem monitoring programme** of the project area integrated the into National Monitoring programme and monitoring started
- **11 adaptation project ideas** for the regional government and communities
- **Policy Paper** on ‘mainstreaming CC adaptation in DMRD and beyond’





THANK YOU!!!

For additional information please contact
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