LDN and SLM at local level – how it works?

*A case study of Bosnia and Herzegovina*

COP 14 New Delhi

03. September 2019, 18 00 H

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LDN process

LDN WORKING GROUP

ANALYSIS OF INDICATORS

IDENTIFICATION OF HOTSPOTS

IDENTIFICATION OF TARGETS AND MEASURES

DISSEMINATION

IMPLEMENTATION

Bosnia and Herzegovina
Types of land degradation in Tuzla Canton

Legend:
- Locations of landslides
- Flood risk areas
- Areas suspected to contain land mines
- Municipality borders

Source: Ministry for Spatial Planning and Environmental Protection of Tuzla Canton

BOSNIA AND HERZEGOVINA - STATE LEVEL

FEDERATION OF B&H – ENTITY LEVEL

CANTONAL LEVEL
1. Improve land quality and protection and restore degraded land functions in specific ecosystems or minimize adverse environmental impacts

   1.1. Land management in support of environmental protection and spatial planning system

   1.2. Establish a basis for harmonious and spatially balanced socio-economic development, with a focus on marginalized and degraded areas

A total of 17 measures were identified and two transformative projects.
LDN and SLM

FAO/GEF full-size project on “Decision Support for Mainstreaming and Scaling up of Sustainable Land Management” (GCP/GLO/337/GFF)

as facilitator in LDN / SLM process
LDN and SLM

LDN WORKING GROUP continue work in SLM implementation - crucial

IDENTIFICATION OF PRIORITY AREAS FOR INTERVENTIONS IN INDIVIDUAL MUNICIPALITIES

IDENTIFICATION OF SLM

PREPARATION OF MAINSTREAMING STRATEGY

IMPLEMENTATION OF SLM

CAPACITY BUILDING
LAND capability study as a basis for planning at local level

By using defined soil bonity categories, land capability study defines the natural potential of soils in terms of agricultural production and food production, and defines the zones for various land use types.
Mainstreaming strategy

DS-SLM mainstreaming strategies should:

- Establish a pathway for integrating SLM into national and decentralized policy, planning and finance related decision-making processes that can facilitate SLM implementation and scaling out.

- Establish activities for mainstreaming SLM in coordination with key institutions and stakeholders.

- Provide long-term support for the implementation of SLM.
Mainstreaming strategy (LDN – SLM)

LDN WG SELECTED LDN TARGETS AND MEASURES SUITABLE FOR TUZLA CANTON:

**Target 1.** Improve land quality and protection and restore degraded land functions in specific ecosystems or minimize adverse environmental impacts

**Sub target 1.1.** Land management in support of environmental protection and spatial planning system

**MEASURES:**

- Remediation of degraded land
- Full scale approach in land erosion protection
- Water supply for agriculture and population supporting the function of sustainable development in hilly-mountainous areas
- Construction of flood protection infrastructural facilities
- Development of land capability study (soil bonity)

**SLM TECHNOLOGIES SELECTED**

1) Cultivation of blueberries on infertile/degraded soils using plant pots
2) Addressing shallow landslides by using wooden pole structures
3) Contour ploughing
4) Fish bone for erosion protection
5) Agro-forestry as an approach in sustainable land management
6) Land consolidation
7) Construction of water reservoirs
8) Construction of irrigation systems
9) Flood protection, rehabilitation and regulation of river basins and tributaries
10) Vegetated buffer strips
Mainstreaming strategy (LDN – SLM)

Cultivation of blueberries on infertile/degraded soils using plant pots

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IRR² (Interna stopa povrata investicije)

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Mainstreaming strategy (LDN – SLM)

Addressing shallow landslides by using wooden pole structures
Mainstreaming strategy (LDN – SLM)

Addressing shallow landslides by using wooden pole structures
Influence of the industry on the presence of pollutants on agricultural land of the Tuzla region (pilot area of the Spreča valley)
LDN – SLM

STARTING OF LDN

MONITORING & EVALUATION

SLM IMPLEMENTATION

LDN TARGETS & MEASURES

MAINSTREAMING STRATEGY

LDN REVISION
Thank you!