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A HEALTHY PLANET FOR THE PROSPERITY OF ALL
- OUR RESPONSIBILITY, OUR OPPORTUNITY



Nature-based Solutions

Coastal/marine environment; fisheries, Green SDGs;
Green Jobs



Presented by: Abdirizaq Bashir, Candlelight

What is meant Nature-based Solution in Somaliland

- ← In Somaliland, there are is an increasing understanding and awareness of the society on nature based solutions involved by the SL government actors, UN and civil Society organizations for both local and international.
- Although there are some challenges hindering this positive move by both man-made and natural disasters but still there is some positive initiatives of addressing actions to protect, sustainability manage and restore natural and modified ecosystems that supports the well-being of the society and benefits of the biodiversity.

Cont...

- Nature based solutions can simultaneously address societal challenges, including climate change mitigation and adaptation, natural disasters, human health, food and water scarcity, and biodiversity loss. For example, rangeland rehabilitation and forest conservation activities in the country
- ← Nature-based solutions provide the best way of delivering these land based options through protection, restoration and sustainable management of natural carbon sinks and carbon sequestration (tree planting, SWC and maintaining the biodiversity)

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Somaliland it has been take the nature based solutions for mitigation including actions to protect the following important areas:

- Gacan Libah, Dallo and Libaxlay forest ecosystems restoration from loss and degradation,
- Rangeland rehabilitation that have been degraded, Such as Arori, Bancawl and Togwajale, Qool Caday Gumburah and Lafaruug and Bookh grazing rangelands
- And overlay manging productive lands such as agriculture lands, rangelands and forests and marine ecosystems and marine protected areas (MPA)

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In Somaliland, nature-based climate adaptation, the goal is to preserve ecosystem services that are necessary for human life in the face of climate change and to reduce the impact of anticipated negative effects of climate change. The current climate change effects are:

- ← More intense rainfalls and rainfall patten change
- ← More frequent floods as well as heat waves and torrential rains
- ← More recurrent and prolonged droughts (similar to this current drought)

Coastal/marine environment

In Somaliland coastal marine ecosystems are experiencing rapid degradation and loss of its natural habitats. The need for effective restoration tools capable of promoting large-scale recovery of coastal ecosystems in the face of intensifying climate stress has never been greater. There are four major challenges for more effective implementation of coastal marine ecosystem restoration (MER) and marine protected areas (MPA)

- ← Lack of awareness of effective, scalable restoration methods
- ← Limited innovative tools that promote climate adaptation
- ← Integration of social and ecological restoration and livelihood improvement.
- ← And inadequate promotion of the perception and use of coastal MER/MPA

Mangrove forest in Zaila browsing by camel



Sustainable fishing in Somaliland

Sustainable fishing in Somaliland is surrounded by many challenges and opportunities. In terms of opportunities, there is increasing demand for fish supplies in the country and outside, but it needs to be considered in a sustainable way including leaving enough fish in the ocean, respecting habitats and ensuring the reproductive rate of fish to maintain a balance and ensure the survival of all species and people who depend on fishing can maintain their livelihoods.

Small scale fisheries are remain some of the most impoverished people and are highly vulnerable to the economic shocks and resulting livelihood insecurity

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The main challenges of sustainable fishing in Somaliland including the following:

- ← Limited skills and limited funding opportunities (micro finance and other supporting institutions)
- ← Over fishing, and illegal fishing
- ← Food waste and lack of cold chain infrastructure and necessary transportation facilities and marketing
- ← Inadequate tools and proper equipment (technological gap)
- ← Maintenance of boat engines and other relevant equipments

Sustainable forest management and restoration

Sustainable forest management in Somaliland is moving forward. Communities are becoming the major actors of involving of sustainable forest management that offers a holistic approach to ensure forest activities deliver social, environmental and economic benefits, balance competing needs and maintain and enhance forest functions now and in the future.

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The forest management in Somaliland is mainly focusing on sustainable management through community engagement mainly:

- ← Community training on forest management and natural resource management
- ← Enhancing biodiversity conservation and improving the use of their natural resources.
- ← Soil and water conservation and tree planting for improving the vegetation cover and biodiversity conservation and improving ecosystem services (Carbon sink and sequestration)
- ← Supporting vital ecosystem services, livelihoods and sustainable food systems.
- ← All these above activities contribute the advancement of both nature-based solutions and green SDGs.

Green SDGs and Green Jobs

In Somaliland climate change understanding and adaptation to these changes by people are going on and involved by various actors, government, UN, and CSOs.

These are all coming the implications for economic and social development, for production and consumption patterns, and for employment, productivity and incomes.

The effects of climate change will alter the structure of employment. New jobs are emerging and others will disappear or become un sustainable (e.g. foreign charcoal and wildlife trade, land grabbing, urbanization, rural to urban migration etc)

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In Somaliland, while focusing green SDGs and green jobs, we mainly focus on the three major dimensions of sustainable development (economic, social and environmental) in general and particularly environmental SDGs: the main focused are the following:

- ← SDG 11 (human settlements) income generation activities SHG and TVET
- ← SDG 12 (sustainable production and consumption), good agriculture practices and nutrition
- ← SDG 13 (climate change), adaptation and mitigation measures, greening activities, green energies
- ← SDG 14 (oceans) MER, MPA
- ← SDG 15 (ecosystems) holistic resource management, biodiversity conservation

Dallo forest nature based solutions carried out by Candlelight



Candlelight soil and water conservation and tree planting site through funding from SDF, in Sanaag region, Somaliland

Greeing jobs

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Before **During** **After** **After** **Enough Mature**



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Nature based SWC activities





Questions



- ▶ Group 1
- ▶ What are the recommendations that we can make to improve Somaliland Coastal/marine environment

- ▶ Group 2
- ▶ What are the Action to make to contribute Green SDGs and Green Jobs in Somaliland

- ▶ Group 3
- ▶ What Actions can we make to contribute to Sustainable forest management and restoration in our Somaliland Context