CGIAR Innovation Packages and Scaling Readiness (IPSR)

INNOVATION PROFILE

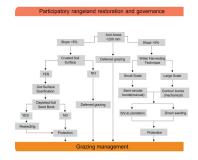


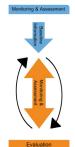
SUSTAINABLE RANGELAND MANAGEMENT TOOLKIT FOR RESILIENT PASTORAL SYSTEMS

Sustainable rangeland management toolkit with a holistic and multidisciplinary approach for addressing the biophysical and sociocultural aspects under changing climate and land use leading towards more resilient pastoral systems.

2023
1st Edition

The sustainable rangeland management (SRM) toolkit advocates for a holistic and participatory multi-stakeholder approach that emphasizes the important role played by governance of rangelands using bottom-up landscape restoration. It emphasizes the need to ensure that decisions are based on both indigenous knowledge and modern science to address site-specific challenges. The goal of the toolkit is to assist and prepare practitioners working closely with local communities perform proper diagnostic, plan, and implement specific interventions and continuously monitor and evaluate rehabilitation or restoration efforts. Users have access to a collection of validated SRM practices aimed at achieving a neutral level of degradation (LDN) and offering a strong potential to rehabilitate and restore degraded rangeland ecosystems. The case studies demonstrate step by step how the toolkit is used to identify practical solutions that are integrated and socially accepted leading towards more resilient livestock and pastoral systems.









INNOVATION TYPOLOGY



THIS INNOVATION IS CHARACTERIZED AS

Technological Innovation

Innovations of technical/material nature, including varieties/breeds; crop and livestock management practices; machines; processing technologies; big data and information systems.



THE NATURE OF THIS INNOVATION IS

Disruptive Innovation

Innovations that are new and cause or require major reconfiguration of farming, market and/or policy/business models.



THIS INNOVATION IS EXPECTED TO CONTRIBUTE TO THE FOLLOWING IMPACTS



CGIAR IMPACT AREAS AND COLLECTIVE GLOBAL TARGETS



Learn more: https://www.cgiar.org/how-we-work/strategy

SDGs and SDG Targets



Learn more: https://sdgs.un.org/goals



CGIAR INITIATIVES, PARTNERS AND GEOSCOPE

CGIAR LEAD INITIATIVE CGIAR CONTRIBUTING INITIATIVE(S) CONTRIBUTING BILATERAL PROJECTS

Livestock and Climate Agroecology

Enhancing Food Security and Sustainable Management of Natural Resources through Fostering Integrated Agricultural Production Systems in the Arabian Peninsula

PARTNERS INVOLVED

IUCN – International Union for Conservation of Nature (Switzerland) - Scaling, Innovation partner

DGF – Direction Générale des Forêts Tunisie/The Directorate General of Forests (Tunisia) - Scaling, Demand partner

ESAM – École Supérieure d'Agriculture de Mateur/School of Higher Education in Agriculture of Mateur (Tunisia) - Scaling, Demand partner

OEP – Office de l'Elevage et des Pâturages (Switzerland) - Scaling, Demand partner

THIS INNOVATION IS DEVELOPED, TESTED AND/OR SCALED FOR/IN THE FOLLOWING REGIONS/COUNTRIES





ACKNOWLEDGEMENTS

We would like to thank all Funders who support this innovation through their contributions to the CGIAR Trust **Fund** (https://www.cgiar.org/funders/).



MORE INFORMATION

CONTACT PERSON

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CITATION

Louhaichi, M., Jonathan, D., Gamoun, M., Hassan, S., Abu-Zanat, M., Neffati, M., Tadros, M., Ouled Belgacem, A., Rajabov, T., Annouri, L., Al Rahahleh, L., Baqain, R., Kool, E., Masumbuko, B., Magero, C., Ogali, C., Slim, S., Abdallah, M., Souissi, M., Sebri, M. 2023. Sustainable rangeland management toolkit for resilient pastoral systems: IPSR Innovation Profile. First edition, August 2023. Montpellier: CGIAR System Organization. https://hdl.handle.net/---

CURRENT INNOVATION READINESS

6

4

3

2

SEMI-CONTROLLED TESTING

The innovation is being tested for its

MODEL/EARLY PROTOTYPE

The innovation is validated for its ability to achieve a specific impact under fully-controlled conditions

CONTROLLED TESTING

under fully-controlled conditions

(V)

PROOF OF CONCEPT

The innovation's key concepts have

FORMULATION

being formulated or designed

BASIC RESEARCH

The innovation's basic principles are being researched for their ability to achieve a specific impact

IDEA

The innovation is at idea stage

INNOVATION READINESS JUSTIFICATION

We chose innovation readiness level 6 (semi-controlled testing) for the SRM toolkit because we already have tested this in 3 different agroecological context (North Arica, West Asia, Central Asia). The toolkit is flexible enough to accommodate terrestrial ecosystems and it is build as a moving target where additional technical.

EVIDENCE SUPPORTING THE INNOVATION READINESS LEVEL

bit.ly/43CAggX

bit.ly/43EY3N6