

Integrated package for sustainable restoration of silvopasture production systems in Tunisia

Project Title: P571 - Activity 4.2.1: Improved environmental management options.

Description of the innovation: Using a participatory approach, all concerned stakeholders conducted a thorough diagnostic of the silvopasture production systems, identified critical gaps and addressed these deficiencies using an integrated package for sustainable restoration of silvopasture in Tunisia.

New Innovation: No

Stage of innovation: Stage 3: available/ ready for uptake (AV)

Innovation type: Production systems and Management practices

Geographic Scope: National

Number of individual improved lines/varieties: <Not Applicable>

Country(ies):

- Tunisia

Description of Stage reached: The experience and findings were presented during national tree week in Tunisia. The Directorate General of Forests started outscaling this innovation to other locations. More awareness was raised about indigenous forage legume species for restoration of degraded agropastoral sites. and an expert meeting on sulla conducted to enhance its use.

Name of lead organization/entity to take innovation to this stage: DGF - Direction Générale des Forêts Tunisie/The Directorate General of Forests

Names of top five contributing organizations/entities to this stage:

- DGF - Direction Générale des Forêts Tunisie/The Directorate General of Forests
- IRA - Institut des Régions Arides / Arid Regions Institute
- OEP - Office de l'Elevage et des Pâturages
- IUCN - International Union for Conservation of Nature
- FAO - Food and Agriculture Organization of the United Nations
- Ministère de l'Agriculture, de la pêche et des ressources hydrauliques / Ministry of Agriculture, Hydraulic Resources and Fisheries
- ESAM - École Supérieure d'Agriculture de Mateur/School of Higher Education in Agriculture of Mateur

Milestones: No milestones associated

Sub-IDs:

- 35 - Enabled environment for climate resilience
- 30 - Reduced net greenhouse gas emissions from agriculture, forests and other forms of land-use (More sustainably managed agro-ecosystems)
- 29 - Enhanced adaptive capacity to climate risks (More sustainably managed agro-ecosystems)

Contributing Centers/PPA partners:

- ICARDA - International Center for Agricultural Research in the Dry Areas

Evidence link:

- <https://repo.mel.cgiar.org/handle/20.500.11766/10387>
- <https://repo.mel.cgiar.org/handle/20.500.11766/10442>
- <https://repo.mel.cgiar.org/handle/20.500.11766/10220>
- <https://repo.mel.cgiar.org/handle/20.500.11766/10445>
- <https://repo.mel.cgiar.org/handle/20.500.11766/9812>
- <https://afta2019.org/wp-content/uploads/2019/06/2019-NAAC-Abstracts.pdf>
- <https://repo.mel.cgiar.org/handle/20.500.11766/9803>

Deliverables associated:

- D16746 - Community Participation Towards Silvopastoral Restoration (<http://repo.mel.cgiar.org/handle/20.500.11766/10896>)
- D27723 - Expérience Pilote de Développement sylvopastoral a Zaghouan (<http://repo.mel.cgiar.org/handle/20.500.11766/12334>)
- D16751 - Silvopastoral Systems and Climate Change Mitigation in Central Tunisia (<http://repo.mel.cgiar.org/handle/20.500.11766/10387>)
- D19076 - Sustainable Silvopastoral Restoration to Promote Ecosystem Services in Tunisia (<http://repo.mel.cgiar.org/handle/20.500.11766/10220>)
- D19077 - Near East Forestry and Range Commission (NEFRC) - 24th Session (<http://repo.mel.cgiar.org/handle/20.500.11766/10445>)
- D16756 - Opportunities and constraints in pastoral and agro-pastoral livestock systems: the ICARDA/ILRI experience (<http://repo.mel.cgiar.org/handle/20.500.11766/10442>)
- D19125 - Sustainable Silvopastoral Restoration to Promote Ecosystem Services in Tunisia Project Evaluation Workshop (<http://repo.mel.cgiar.org/handle/20.500.11766/9812>)
- D27728 - Prospection et inventaire pastoral et forestier dans la région de Souk Jomaa - Jendouba. (<http://repo.mel.cgiar.org/handle/20.500.11766/12563>)
- D19123 - Sustainable Management of Silvopastoral Ecosystems workshop Report. (<http://repo.mel.cgiar.org/handle/20.500.11766/9803>)

Contributing CRPs/Platforms:

- Livestock - Livestock