



Strengthening Climate Resilience in Dairy Farming


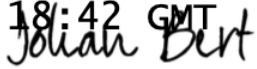
Sustainable Strategies for Future of Food



European Bank
for Reconstruction and Development



**Food and Agriculture
Organization of the
United Nations**

<div><div>UNITED NATIONS Food and Agriculture Organisation (FAO)</div><div><div>Signed by:</div><div><div></div><div>30 october 2024</div></div><div><div>BE4C620224944FA</div></div></div><div>Mohamed Manssouri</div><div>Title: Director, Investment Centre</div></div>	<div><div>EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT</div><div><div>Signed by:</div><div><div><div>18:42 GMT</div><div></div></div><div>30 october 2024 16:15 GMT</div></div><div><div>503CGGG1F2FA47A...</div></div></div><div>Johan Bert</div><div>Title: (Associate) Director, Procurement Operations & Delivery Department</div></div>
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Comp. 1: Diagnose

Initial diagnosis of dairy farming in Mongolia

1. Profiling of different suppliers' typologies*

- KPIs & practices
- Emissions & other environmental footprint (water, soil, pastures)
- Vulnerability to climate change

Scope: dairy farmers, herders, cluster farms, yak herders, disadvantaged groups

2. Dairy sector review focusing on its ability to transition towards climate change resilient production



Comp. 2: Make Recipe

Identification and techno-economic assessment of climate-smart measures

1. Identify **climate-smart practices and technologies**:

- ✓ What are the opportunities?
- ✓ Technical & economic feasibility
 - NB: not only climate resilience, but also:
 - ↑ *Yields*
 - ↑ *Milk quality*
 - ↓ *Seasonality*

2. Examine champion **cluster farms** experience & develop a set of multimedia knowledge products to disseminate the best national experience

3. Analyse feasible options of **manure** processing/use



Comp. 3: **Enable**

Establishment of the extension service and MRV system within the Dairy Development Board

FOCUS AREAS:

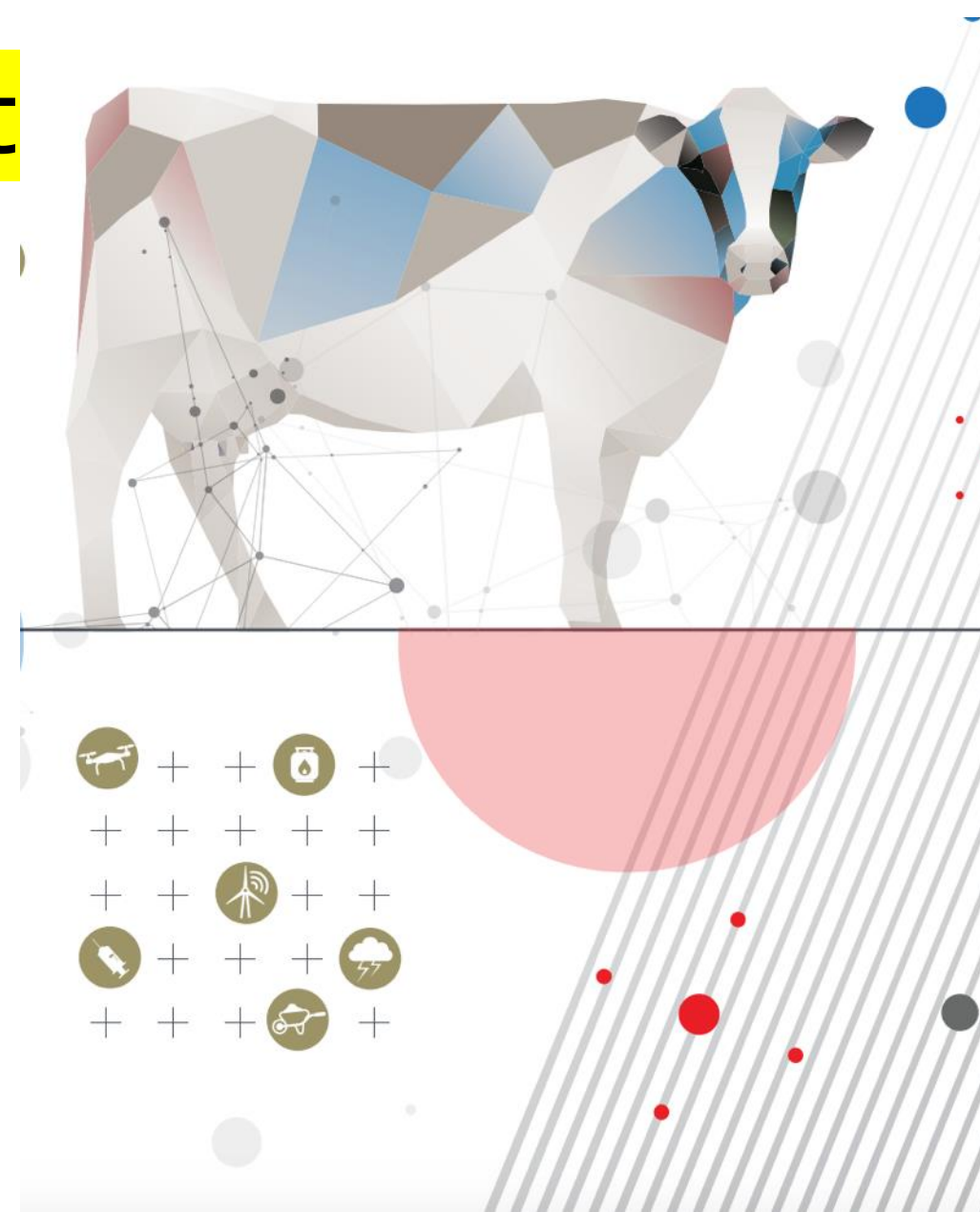
- *climate-smart practices in cattle farming*
 - *emissions accounting*
1. Produce **training materials**. Deploy **e-extension app** + animal **feed balancing tool**
 2. **Train** at least 3 advisory service providers (Dairy Development Board)
 3. **FAO+DDB to conduct 15 trainings** in the selected geographical area. FAO to gradually withdraw. Mentor/accredit trainers.
 4. Deploy a **Decision-support service** for processors, policy-makers, and investors



Comp. 4: Measure impact

GHG assessment, climate action plan and supplier engagement programme

1. **GHG baseline assessment** of the dairy value chain (VC). **Define and monitor KPIs**: deploy MRV.
2. **Corporate Climate Action Plan** for the VC with KPIs for APUD to evidence **transition to low-Carbon pathways and increased climate resilience**. MRV system in place for 1-3.
 1. Milk yields
 2. Adoption of climate-smart practices
 3. Emission intensity of sourced milk
 4. Environmental footprint
 5. Climate resilience (e.g. milk seasonality, herd mortality)
3. **Supplier Engagement Programme** with trainings on climate-smart practices & incentives to promote its uptake.



See More. Do Better. Measure Results.



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