



# ASIA AND THE PACIFIC FOOD SECURITY FORUM 2024

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## From Pasture to Pixels: Empowering Livestock Farmers through Digital Innovation in Tajikistan

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# Vitale role of animal husbandry in Tajikistan

- Animal husbandry contributing substantially to women's livelihood
- Importance of animal husbandry to food security and nutrition
- Importance for asset accumulation and savings



# Challenges for (female) farmers

- ❑ Limited access to veterinary services and animal healthcare
- ❑ Lack of education and training opportunities
- ❑ Gender-based discrimination in accessing credit and extension services
- ❑ Impact of climate change (heat stress, droughts, water born diseases)



# Digital Platform to access information and services



Access veterinary, breeding and other services (public and private sector)



Register animals through chip



Access government support



Get information on pastures



Get training on best approaches



Access to markets



# Accessing Information

- Kiosk
- Phone
- Web



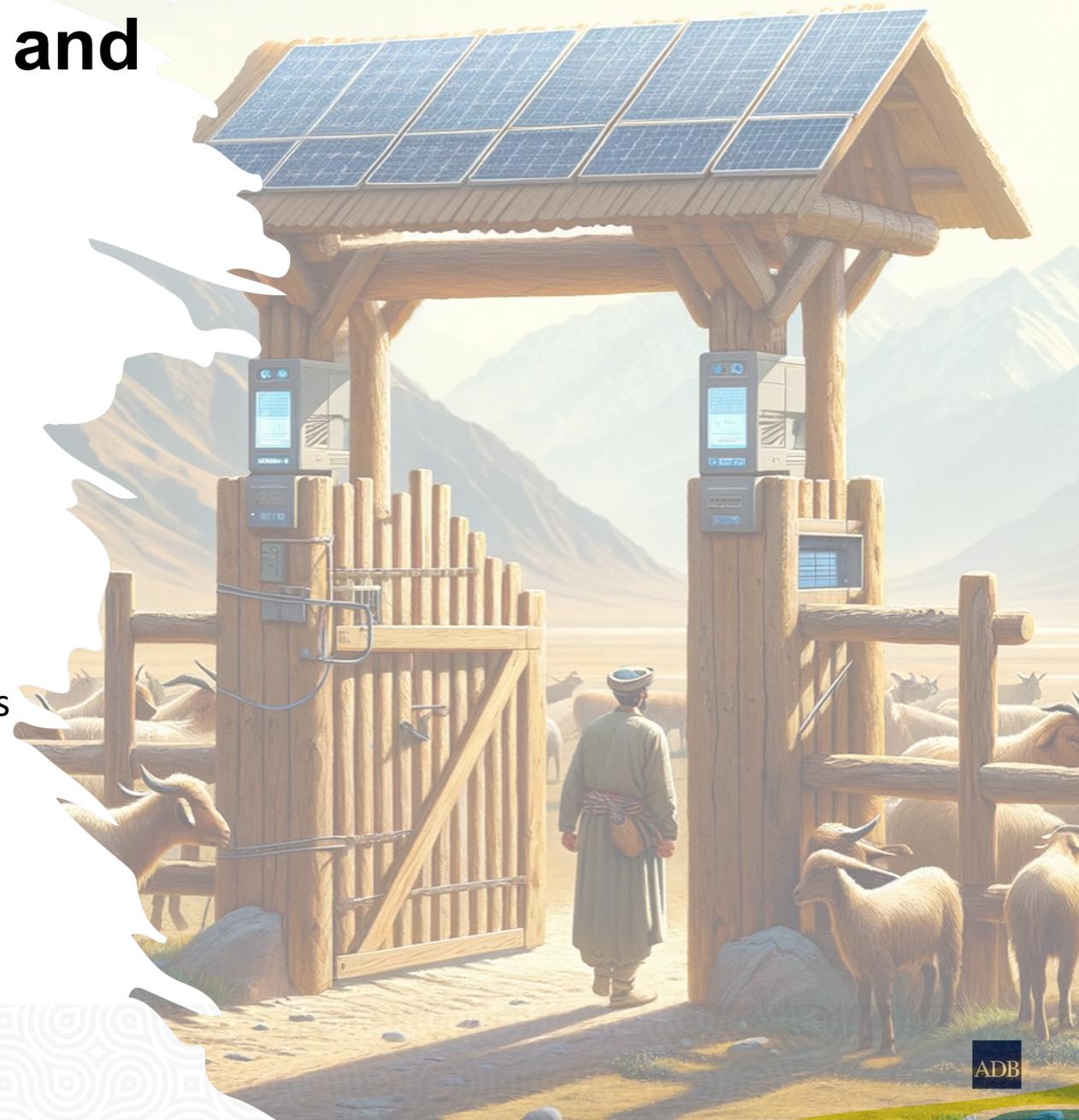
# Better Pasture Management and livestock tracking

## Farmer:

- GIS-driven information on pasture
- Tracking of animal movements
- Accessing appropriate routes to reach pastures
- Access vet services, watering holes and other support in the pasture

## Government:

- Ensures monitoring of livestock movement across pastures
- Disease emergence maps
- Real-time monitoring of pasture quality, geobotanical and other critical information to adapt to climate change and demand



# Thank you!

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