

Future Geospatial ecosystem Stakeholders and their role in national development:

4 May 2023

Enverinmet, Water & Agriculture Sectors
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The Ministry of Environment, Water and Agriculture (MEWA) is responsible for organizing and implementing all aspects of the country's policies for the environment, water and agriculture sectors

“Geospatial Ecosystem features a bottom-up approach, one that is centred around end-users and consumers, seeking to address their requirements by offering tailor made, fit-for-purpose solutions.”

Who are our consumers?



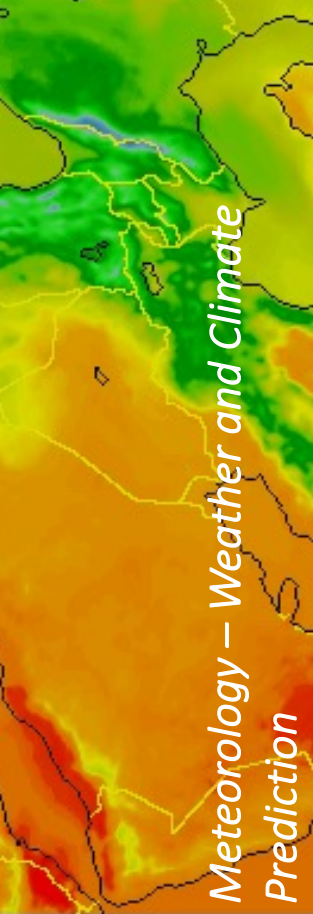
The general public: seeking personalized and individual spatial data and services to better secure their access to water, agriculture and environment

The Government: in planning, monitoring, management and infrastructure development initiatives, within the sectors of environment, water and agriculture.

The commercial and private sector: to facilitate public-private partnerships, enable revenue generation and foster growth of the private sector in environment, water and agriculture.

Our Consumers Needs

The General Public



Meteorology – Weather and Climate Prediction



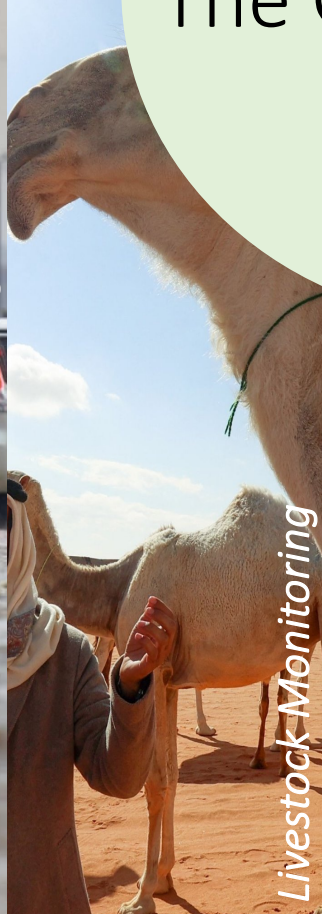
Water Supply and Distribution



Precision and Smart Irrigation



Flood Simulation and Monitoring



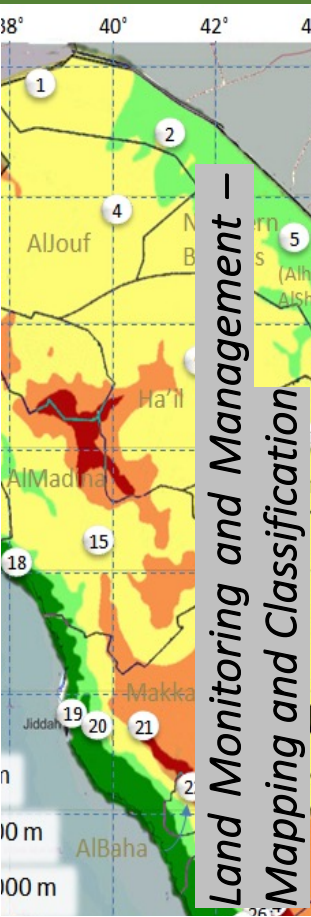
Livestock Monitoring



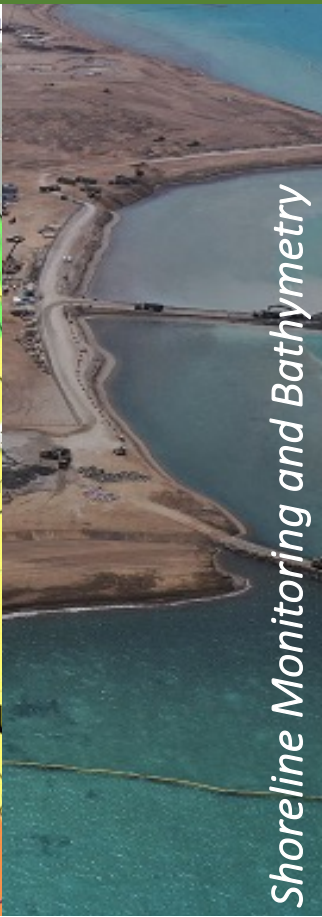
Waste Management

Our Consumers Needs

The Government



Land Monitoring and Management - Mapping and Classification



Shoreline Monitoring and Bathymetry



Drought Monitoring



Oil Spill Management and Monitoring



Watershed Management



Ground Water Monitoring and Management

Our Consumers Needs

The Private
Sector

Access to Satellite Imagery

Telecommunications Infrastructure

*Adoption and Implementation of Standards to enable
International Collaboration*

Establishing a National Spatial Data Infrastructure



Data

NSDI
VISION

Centralized



Thank you