FERTIMAP - FERTILITY MAP OF MOROCCO’S CULTIVATED LAND TO ENHANCE CROP TO SOIL COHERENCE AND INCREASE YIELDS

**LEVERS**
- SOILS
- AGRICULTURAL WATER
- RISK MANAGEMENT
- FINANCING

**KEY MESSAGES**

**Description:** Design and access to fertility data of cultivated soils by the constitution of a database compiling characteristics of the country’s soils. Database constituted by experts with dedicated training and circulated to the largest possible base to engage crop optimization.

**Specificity:** Data-driven recommendations based on the results of analyses.

**Impact:** +30% of productivity in covered lands.

**SCOPES**

- **Potential to have an impact on all farmers in the countries concerned (+8.7 M ha in Morocco)**

**FUNCTIONING**

**PILLARS OF FERTIMAP DESIGN**

1. **Soil mapping,** compiling and completing existing records
2. **Evaluation and mapping of soil fertility,** determination of the fertility according to appropriate grid
3. **Establishment of soil fertility norms,** formulate fertilization recommendations
4. **Definition of the SIG-Ferti-Conseil tool,** valorize the results with an IT interface
5. **Training,** reinforce the capabilities of the staff involved in the project
6. **Reinforcement of technical capabilities and infrastructures at country level**

**IMPACTS**

- **Agricultural productivity**
  +30% of productivity at national scale for the soils concerned

- **Climate change**
  Soil protection
  - Reasonable use of inputs
  - Crop to soil matching

- **Sustainable dev. goals**
  Increase of small farmers’ income

**PLAYERS**

- **Donors**
  - Donors
  - Partners
  - Partners

**NEXT STEPS**

- **Extension of the project to six African countries**
  - Launched in Guinea and Togo
  - Under reflection in Benin, Côte d’Ivoire, Mali and DRC