

# Research Initiatives to support water management in agriculture

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PARLIAMENTARY SECRETARIAT FOR AGRICULTURE,  
FISHERIES AND ANIMAL RIGHTS





# Malta

- Archipelago – 3 Islands
- 316 sq. km
- 120 sq. km is Agricultural Land

# Agriculture in Numbers

- 12, 000 ha
  - 45% - Forage
  - 3% - Potatoes
  - 10% - Fruit Trees and Vines
  - 30% - Fruit and Vegetables
  - 22% - Fallow Land
- 75,000 tonnes of Vegetables
- 9,000 tonnes of Fruit





# Animal Population

50,000 - Pigs

15,000 - Cattle


900,000 - Poultry

10,000 - Sheep

4,500 - Goats

# Role of the Agriculture Directorate

The Agriculture Directorate is Responsible:

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- Policy Development
- Policy Implementation
- Regulatory



# Collaboration – Local Level

- Stakeholders (Farmers and land users)
- Directorates within the RDP
- Energy and Water Agency
- Colleges / Universities / Institutes



# Collaborate - International Level

- CIHEAM – IAM BARI
- Cranfield University
- Universitat Politècnica de Catalunya



# Current Initiatives

- Scientific Technical Committee
  - Local stakeholders, Institutes and Gov. Officials
- Capacity Building
  - Courses for Officials
- Field Trials
  - Varietal trials, soil amenders, water uptake
- Awareness and Consultations – Stakeholder meetings
  - Open days







Fostering Water and Agriculture Research in Malta

Training personnel



Research proposal



Consultation



Design New Policies

# Way Forward

Role of ICT in Water Management



International Collaboration



International Funds



# Consolidation of Activities

Create an environment for knowledge development



Through Data Collection and Elaboration



Facilitate exchange of knowledge amongst different experts



Guide Policy for Water and Agriculture



# Thank You

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