



37

*Mapping Food Security
Actions at Country Level –
The Way Forward*

**Agriculture Projects
Information System
(APIS)**

**Azzam Saleh AYASA
Emergency and Rehabilitation Coordinator
FAO-TCES Coordination Office, WBGS**

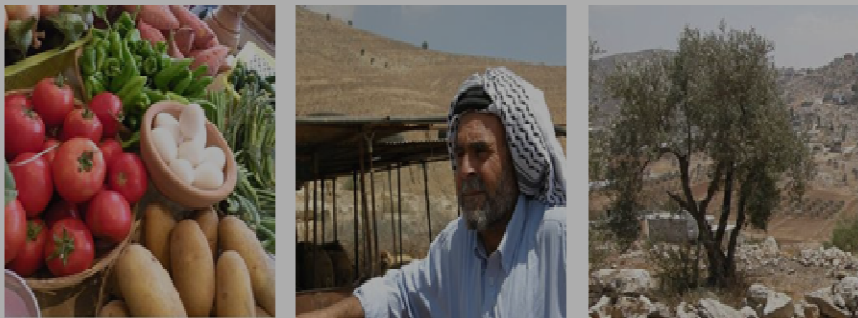
Windows Internet Explorer window showing the URL <http://www.apis.ps/index.php>. The browser interface includes the address bar, menu bar (File, Edit, View, Favorites, Tools, Help), and various toolbars (Windows Live, Bing, Google, Search, etc.).



APIS
Agricultural Projects Information System



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- MAPS



The Agricultural Projects Information System (APIS) website provides a focal point for information related to the agricultural sector, while hosting a real-time database of agricultural interventions in the West Bank and Gaza Strip to monitor needs and responses, and acting as a resource tool to enhance coordination of the agricultural sector.

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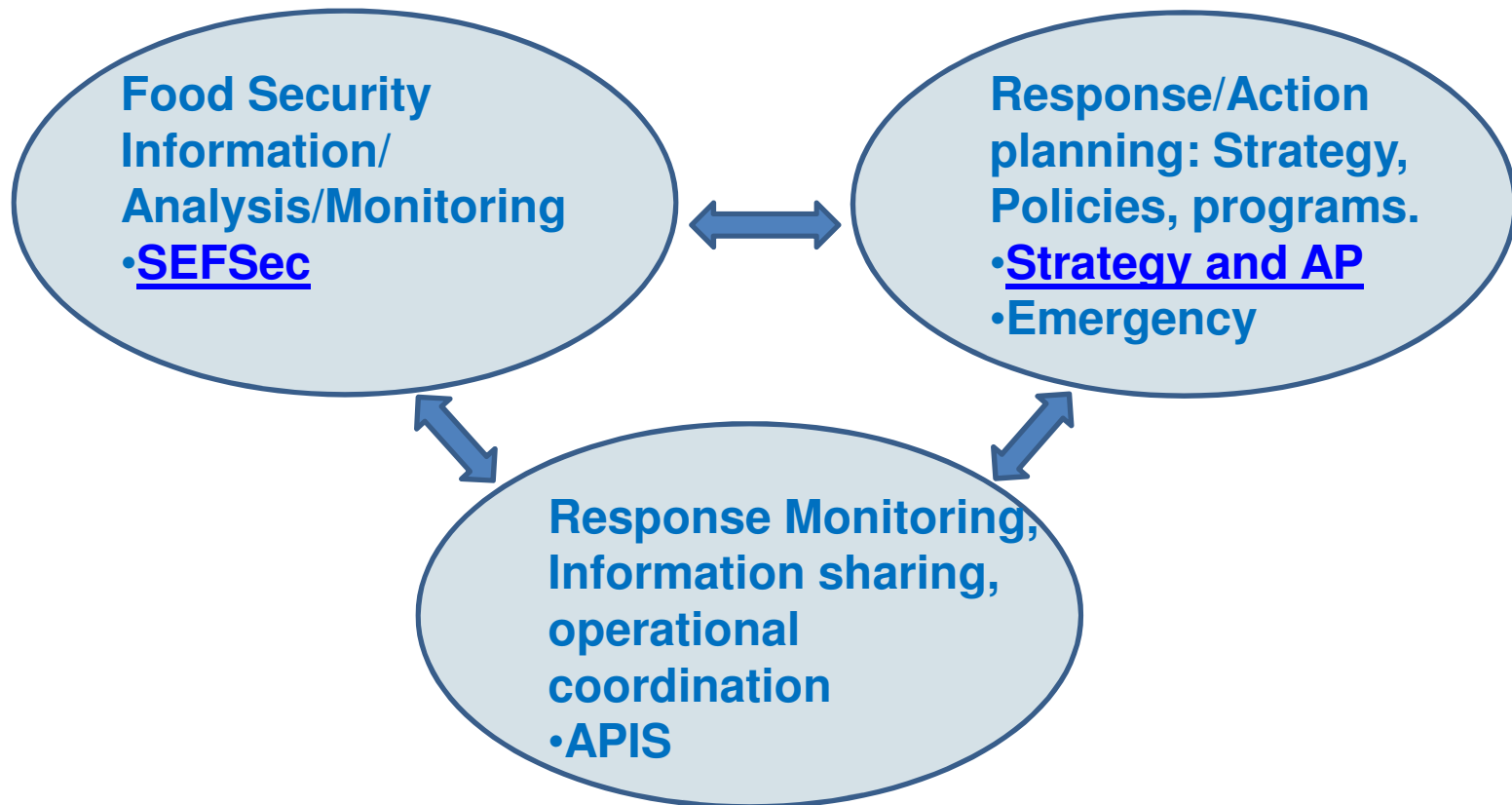
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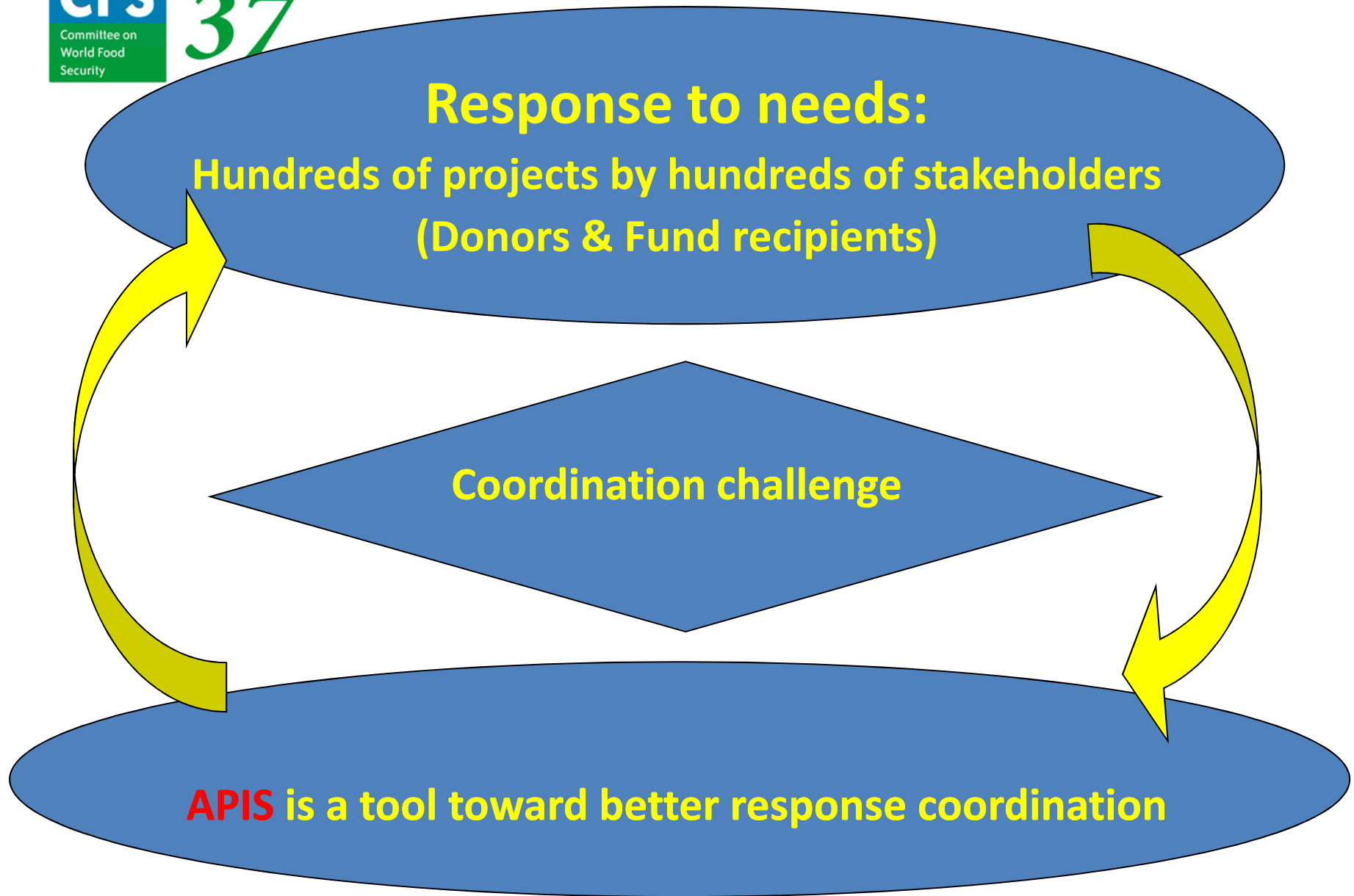
**Agriculture
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Windows taskbar showing the Start button, taskbar icons (Internet Explorer, Mail, etc.), system tray (Internet | Protected Mode: On, 100% zoom, EN, 13:16, 5/23/2011).

Context





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Agricultural Projects Information System




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37 APIS Scope of Services

- Response monitoring tool
 - Agriculture Projects/activities
- Resource Tool
 - Food security information
 - Water scarcity information
 - Latest agriculture's related documents
- WASH

As a response mentoring tool, APIS provides information on:

- **Projects and programs being implemented/planned**
- **Current response status in different agricultural sub-sectors**
- **Geographical areas where agricultural and related projects are being implemented;**
- **Targeted communities**
- **Extent of support to the different sub-sectors;**
- **Stakeholders (who are there and doing what?)**
- **Identifying gaps, synergies**



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APIS in numbers

- **226 member organizations (Government, NGOs, INGOs, UN, Donors, PS)**
- **962 projects Agricultural and WASH projects**
- **14 subsectors (agriculture)**
- **11 subsectors (WASH)**

Search for Projects [Back](#)

Organization Role:

Organization Name:

Subsector:

Activity:

District:

Locality:

Project Code:

Start Date: From - To

End Date: From - To

Due Date: From - To

Welcome:
fao.wbgz@fao.org

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HOME ABOUT PROJECTS

Search for Projects

Organization Role:

Organization Name:

Subsector: Any Subsector

Activity: Any Activity

District: Any District

Locality: Any Locality

Project Code:

Start Date: From - To

End Date: From - To

Due Date: From - To

Search

emergency water distribution
environment/drainage
Extension and farmers capacity building
Financial services
Home Gardening
hygiene promotion
Infrastructure
Institutional building
Job creation
Land use
Livestock production
Machinery & Equipments
Marketing
Plant Production and Irrigation
Private sector development
Research, Assessment and Planning Studies
sanitation units at household/community level
solid waste
WASH facilities in schools
wastewater/sanitation infrastructure
water harvesting/storage
water quality/treatment
Water Resources
water sources development
water supply infrastructure

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Organization Role: Any Role

Organization Name: Food & Agriculture Organization of the United Nations

Subsector: Livestock production

Activity: Any Activity

District: Animal Census visits
Animal feed (Grains Hay Concentrates)

Locality: Aquaculture: Supply of inputs (oxygen, PH meter, ammonium kits, etc)
Artificial insemination

Project Code: Barracks construction (animal shelter, cages)
Barracks rehabilitation (animal shelter, cages)
Fishing: Maintenance of fishing equipment (boats, storage, etc)

Start Date: Fishing: Supply of inputs
Hormone sponge

End Date: Pests and diseases analyses and control
Pregnancy Tests
Rehabilitation of fisher men harbour

Due Date: Supply of Beehives
Supply of Cows
Supply of Poultry
Supply of rabbits
Supply of Small ruminants
Vaccines

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- 22.12.2010
WFP/FAO, Food Security and Market Monitoring Quarterly Report, August - November 2010
[read more...](#)



APIS MAPPING TOOL

- The aim of this tool is to allow APIS members to create maps based on their need, and visualize unmet needs including funding gaps in the sector.
- Tool for comparing feasibility studies like FAO-GVC Database “Increase of water availability and access in areas vulnerable to drought in the West Bank”
- The mapping engine is powered by an open source JavaScript library called Open Layers
- You can create your map by Organization, Project Name, Subsector, Activity, District, Locality, Project Start date, Project End date or a combination of them
- http://www.apis.ps/maps/search_fproj.php



APIS MAPPING TOOL – EXAMPLE 1

The query: create a map for all **Livestock** Subsector activities in all **FAO** WRGS

Map Query Builder

Organization Role:

Organization Name:

Project:

Subsector:

Activity:

District:

Locality:

Project Code:

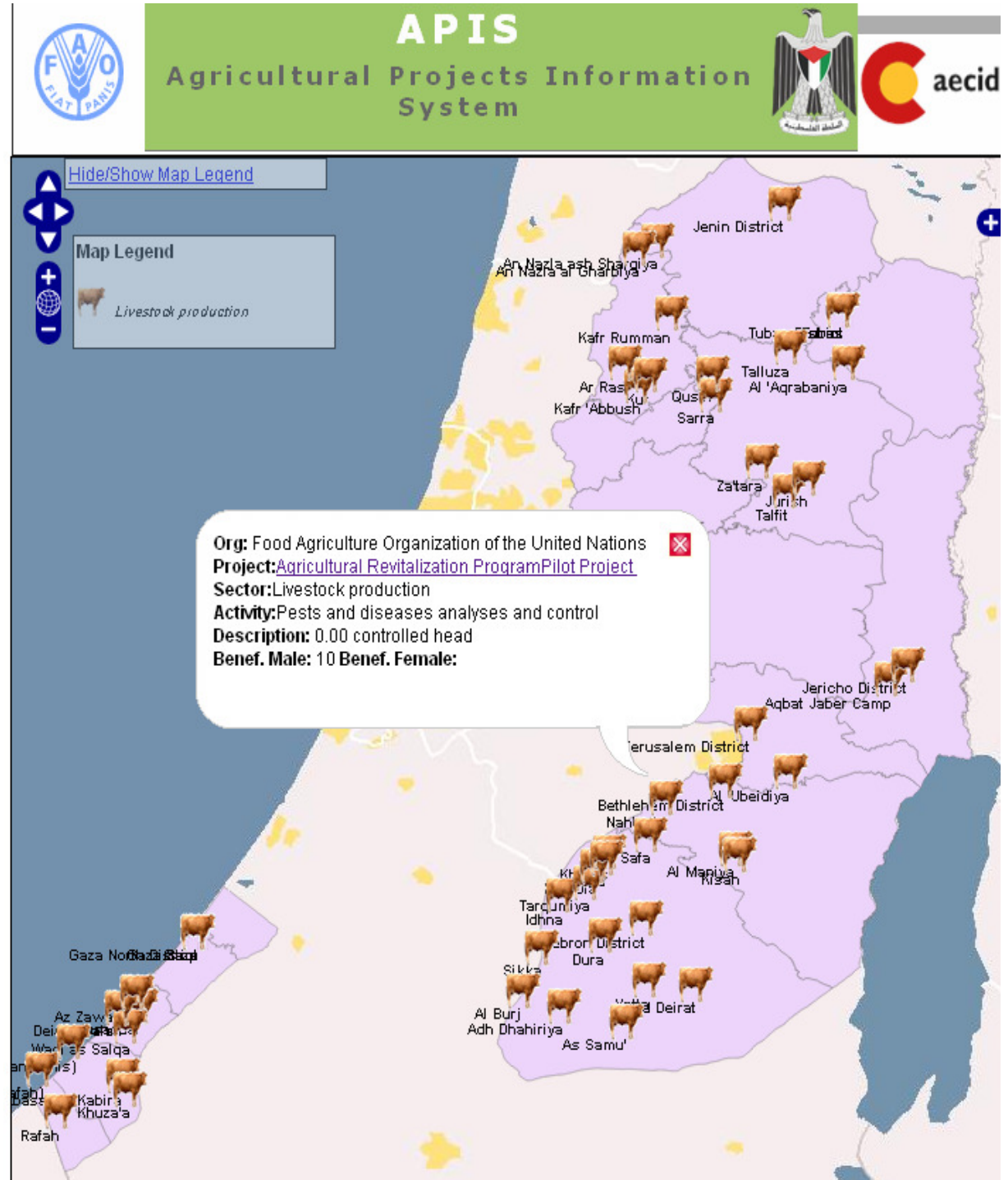
Start Date: From - To

End Date: From - To

Due Date: From - To

Search

EXAMPLE1 RESULT MAP





APIS MAPPING TOOL – EXAMPLE 2

- The query: All **Livestock subsector** activities in all **FAO** **WBGs** projects in **Hebron** district

Map Query Builder

Organization Role:

Organization Name:

Project:

Subsector:

Activity:

District:

Locality:

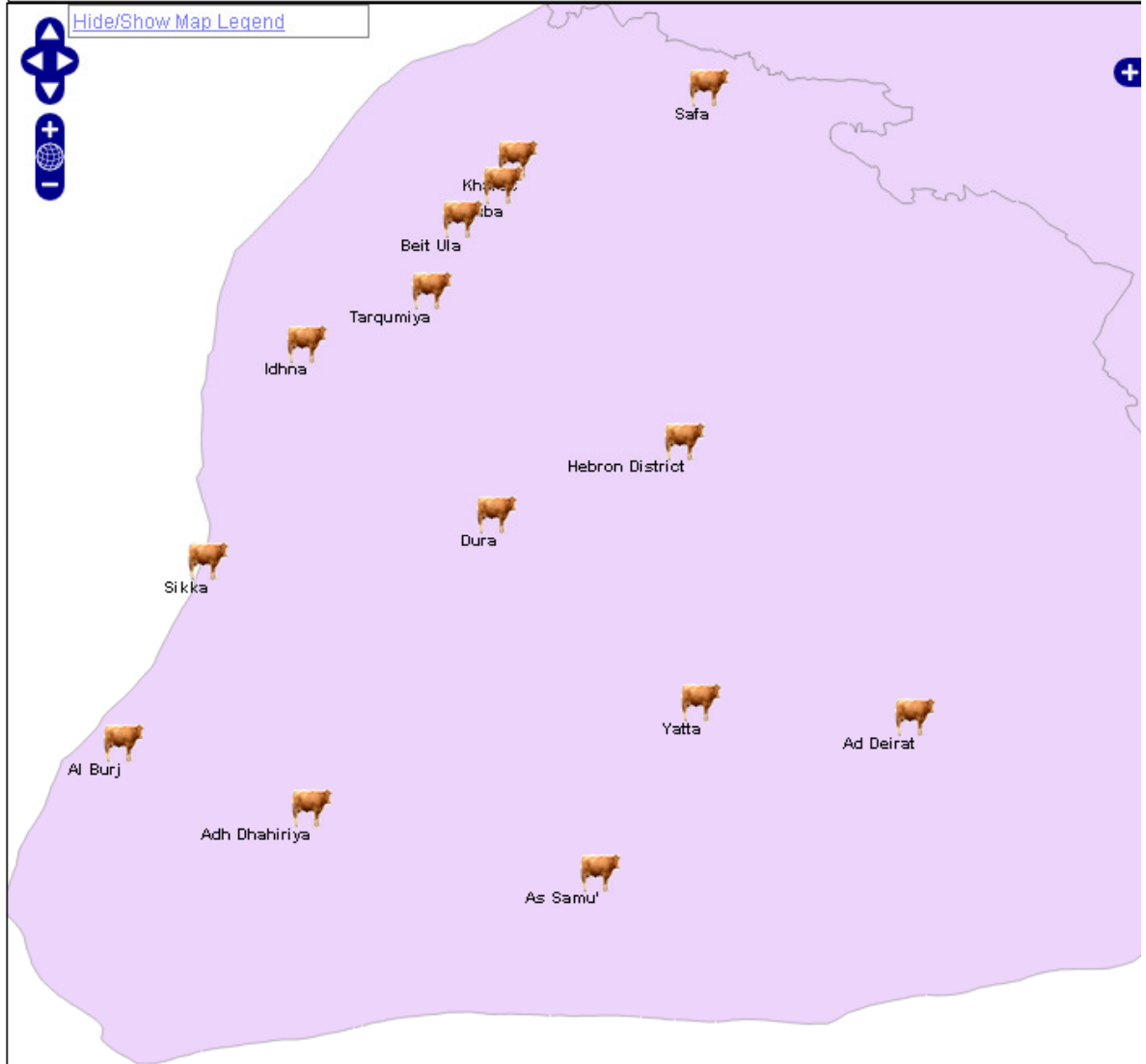
Project Code:

Start Date: From - To

End Date: From - To

Due Date: From - To

EXAMPLE2 RESULT MAP



The Agricultural Projects Information System "APIS", is managed by MoA - Ramallah and FAO supported by the Spanish Cooperation. For more information on projects and other agricultural issues, please contact Dr. Ahmed Shweikeh-MoA at email ahshw2002@yahoo.com



APIS MAPPING TOOL – EXAMPLE 3

- The query: All **Water Resources subsector** activities in all WBGS projects in **Hebron** district since 2004

Map Query Builder

Organization Role:

Organization Name:

Project:

Subsector:

Activity:

District:

Locality:

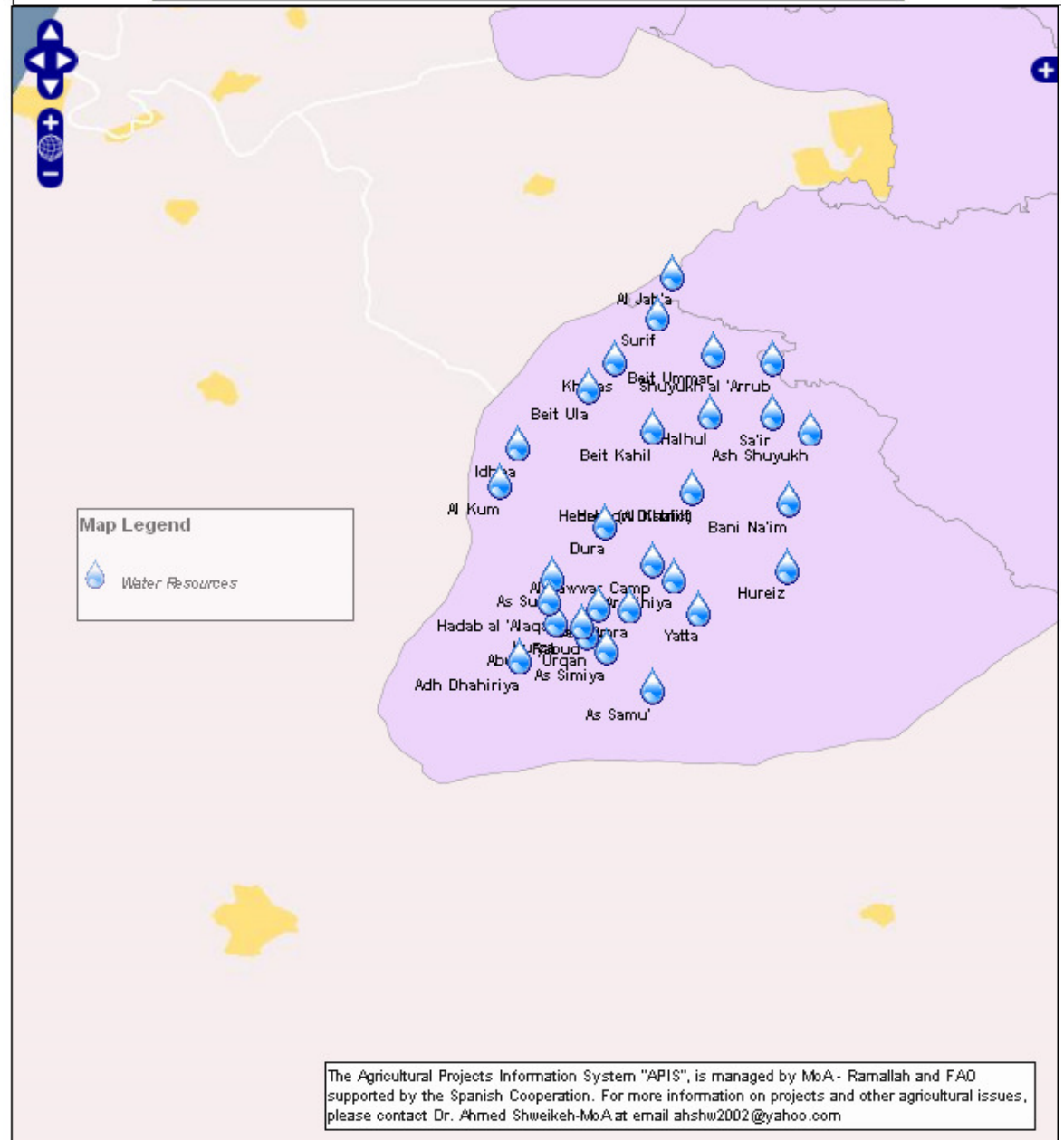
Project Code:

Start Date: From - To

End Date: From - To

Due Date: From - To

EXAMPLE 3 RESULT MAP



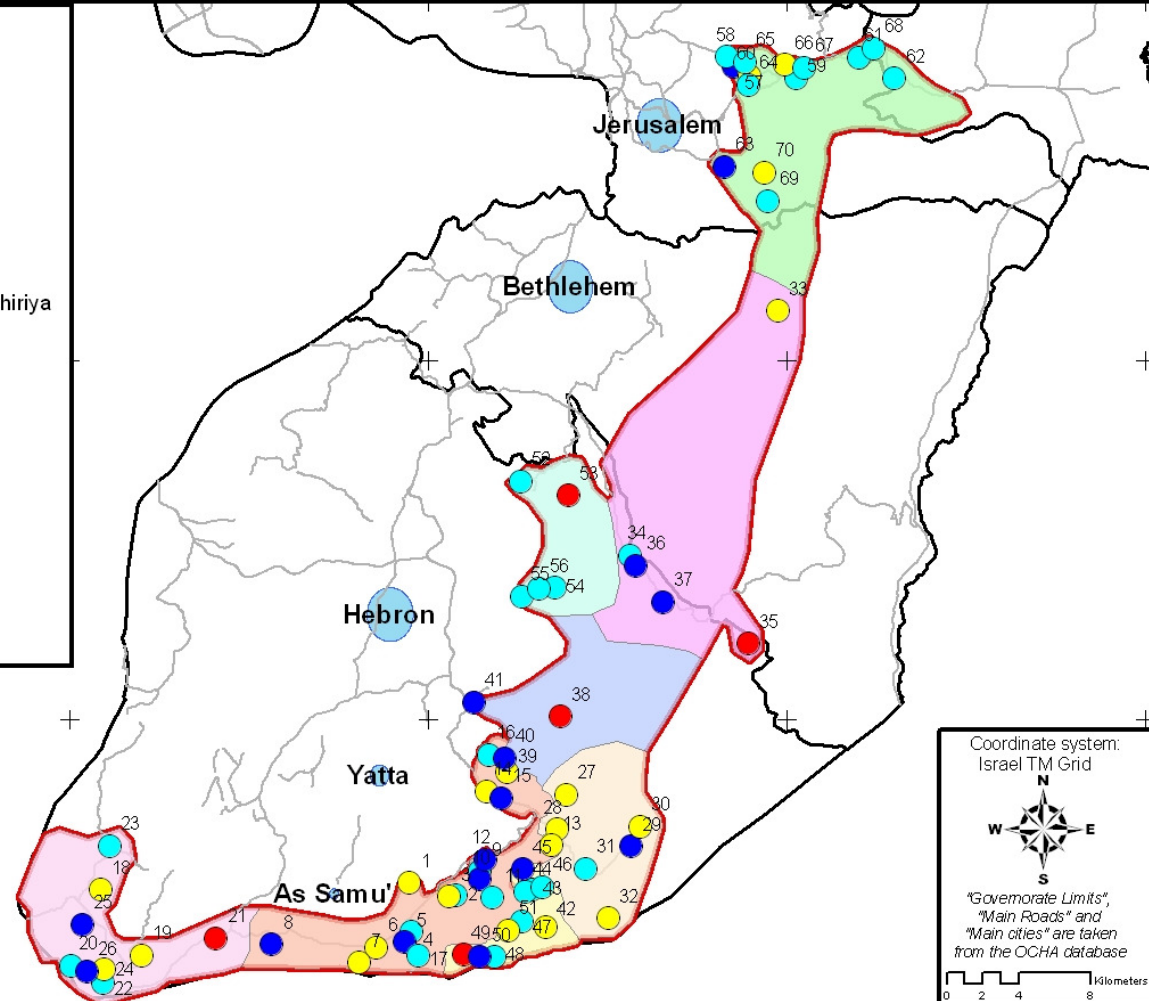
17 - Water deficit (25 l/p/d and 6 l/a/d)

Increase of water availability and access in areas vulnerable to drought in the West Bank

Legend

Water deficit [CM/d]

- No deficit
- 0 - 1
- 1 - 3
- > 3
- 317
- Ar Ramadin & Adh Dhahiriya
- Bedouins East of Yatta
- East Bethlehem
- Jerusalem-Jericho
- Masafer Bani Na'im
- Masafer Yatta
- Sa'ir
- Main Roads
- Main Cities
- Study Area
- West Bank



Funded by:

Implemented by:

In partnership with:



WATER DEFICIT MAP FROM FAO-GVC

25 liters/person/day and 6 liters/animal/day is bare minimum for survival



APIS

Agricultural Projects Information System



Map Legend

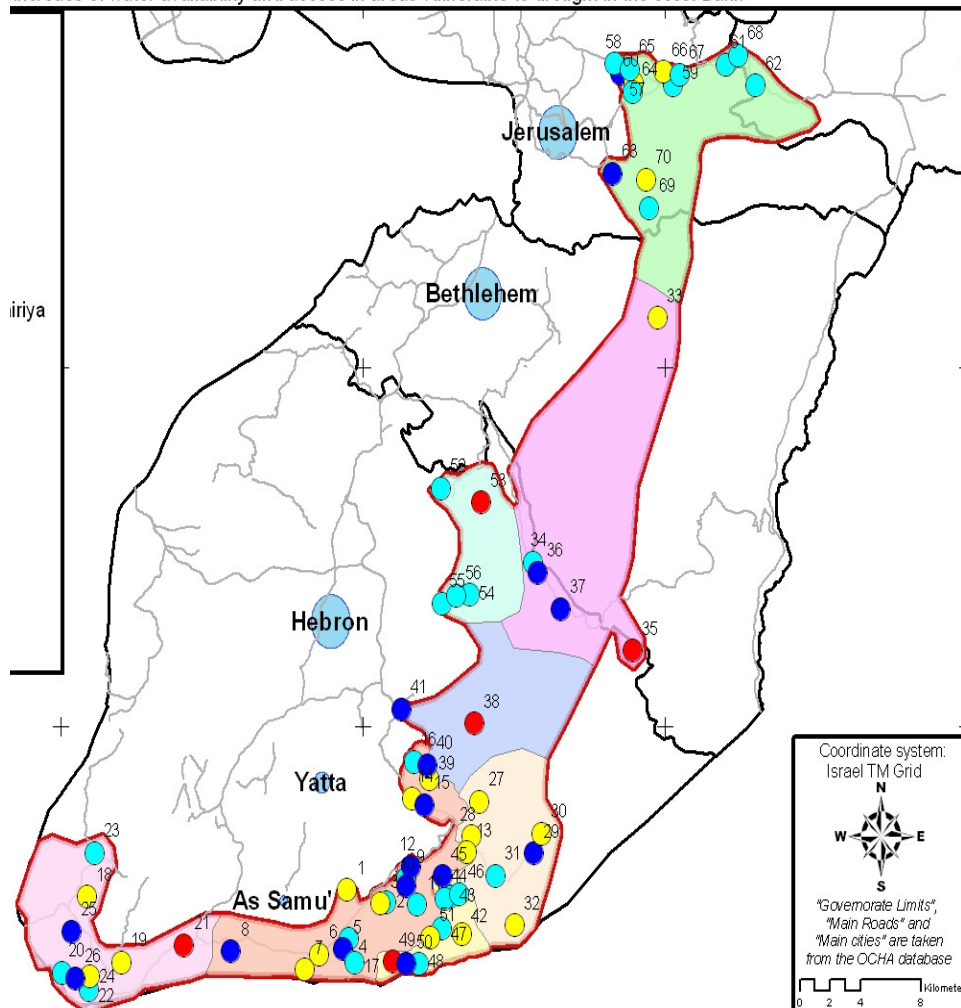
Water Resources

Al Jah'a
Surif
Khas
Beit Ummac
Shuyukh
al 'Arrub
Beit Ula
Halhul
Sa'ir
Ash Shuyukh
Idh'ya
Beit Kahil
Al Kum
Heb
Bani Na'im
Dura
Hureiz
Al Jawwa Camp
As Su
Ar Shiya
Hadab al 'Aq
Yatta
Abu
Urqan
As Simiya
Adh Dhahiriya
As Samu'

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Increase of water availability and access in areas vulnerable to drought in the West Bank



Implemented by:



In partnership with:



1) Action Plan of the Agriculture Strategy 2011-2013

2) **LINKING APIS TO:** CAP

3) OCHA 3Ws

4) DARP system of Ministry of Planning



STRATEGY ACTION PLAN

2011-2013

Sub-sectors	# of projects
Natural resources	56
Plant production	44
Animal production	48
Agricultural services	94
Institutional building	57
Total	299



37 Role of Ministry of Agriculture (MoA)

- FAO WBGS supports the institutionalization of APIS within the MoA – the state actor for agriculture
- APIS team made up of FAO and MoA staff
 - Cooperate to campaign for project updates, run tutorials, and work to improve APIS
- Plan to move administrative capacity of APIS by 2011 with a permanent APIS Unit at the MoA
- Comes under a capacity building project funded by the Spanish Cooperation



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THANK YOU