









Mediterranean Water Knowledge Platform



Water Information System Development Evaluation & Way Forward

Presented by

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Basic History

- EMWIS Activities (Eric Presentation)
- November 2010 (National Workshop to discus the NWIS) (Water sector in Palestine and EMWIS)
- PWA with support from UNICEF start unifying water and Water related data and information.
- 2011 1st version of WIS used by PWA staff.
- MOU between PWA and PCBS of statistics.
- 2013 2nd Version of NWIS used by some water stakeholder in Palestine (EQA, PCBS,Universites ..).
- 2014 PWA start linking WSP with NWIS.

Basic History

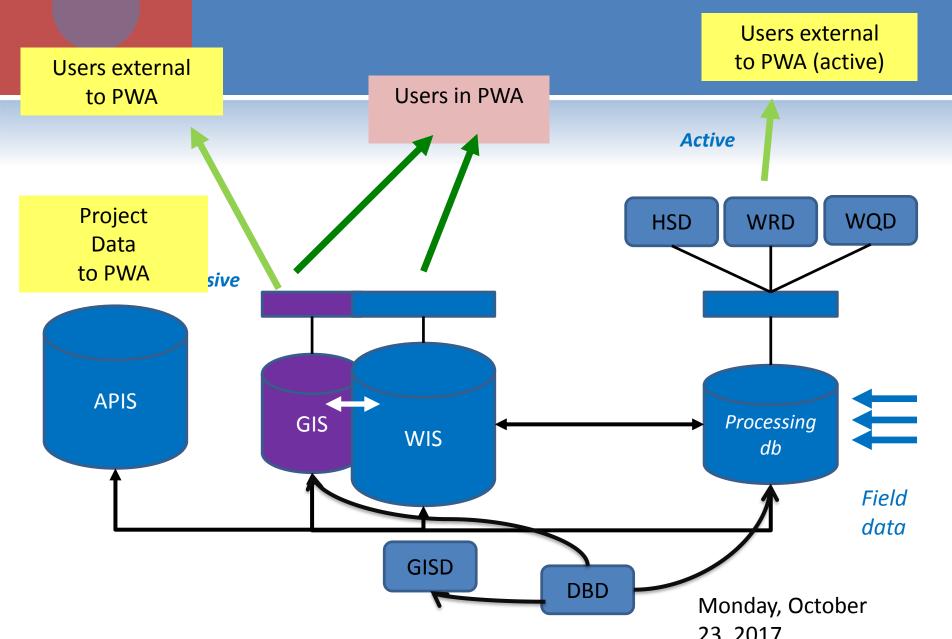
- 2015 PWA start developing the link between Spatial Data and water related data.
- 2016 1st NWIS processing the spatial data with water and water related data.
- 2016 PMD become part of NWIS
- 2017 lunching National Spatial Water Inforamtion System (MWARED).
- Now NWIS funcinaltiy avialbe online through NWIS.pwa.ps:82 and gis.pwa.ps

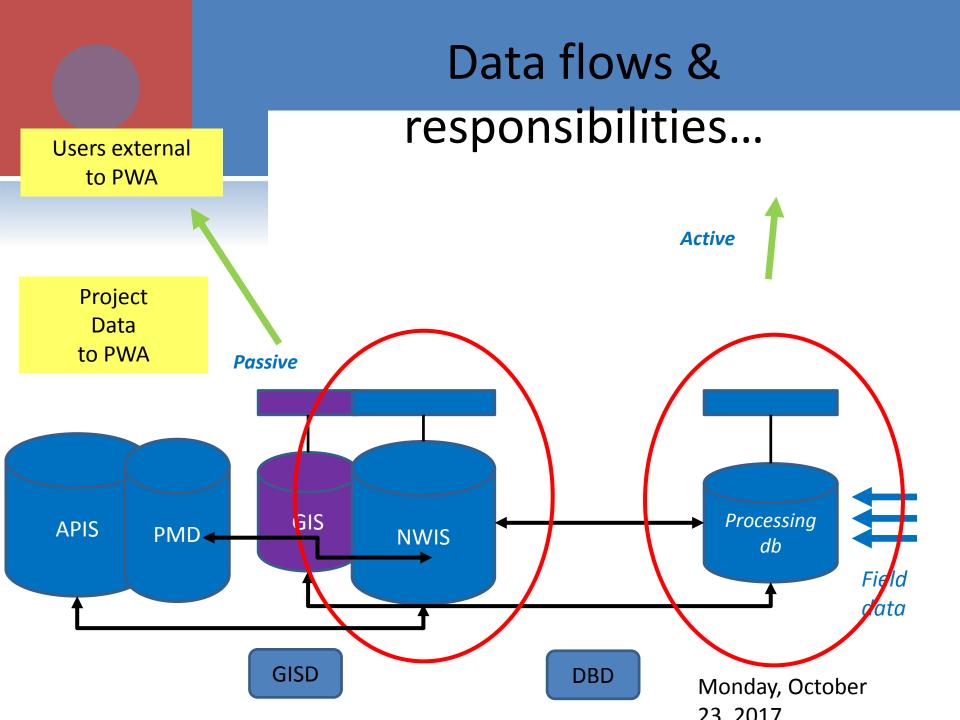
Governance

 NWIS Is developed under the new water law for Palestine June 2014.

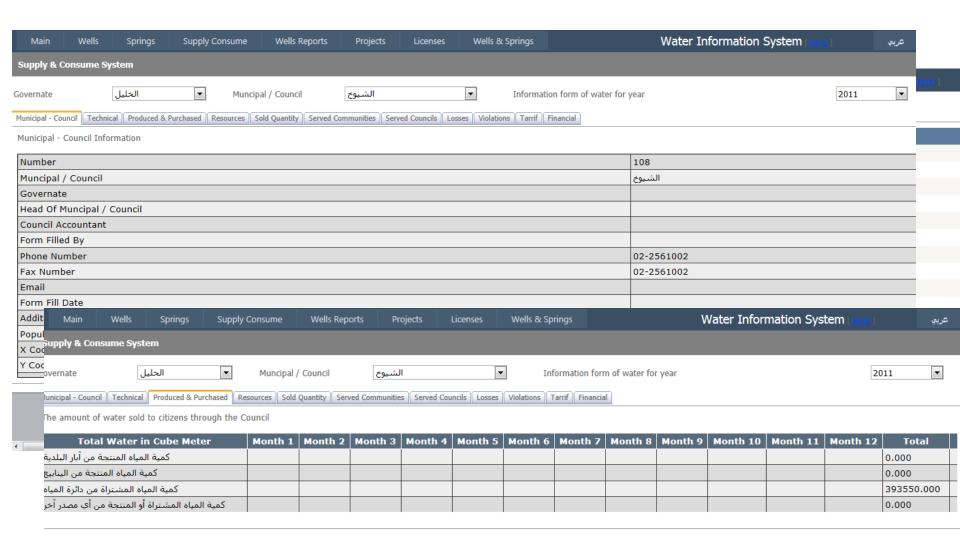
 MOU's signed by PWA with some stakeholder (PCBS,MOA, EQA,Metrological Dept,MOH)

Data flows & responsibilities...

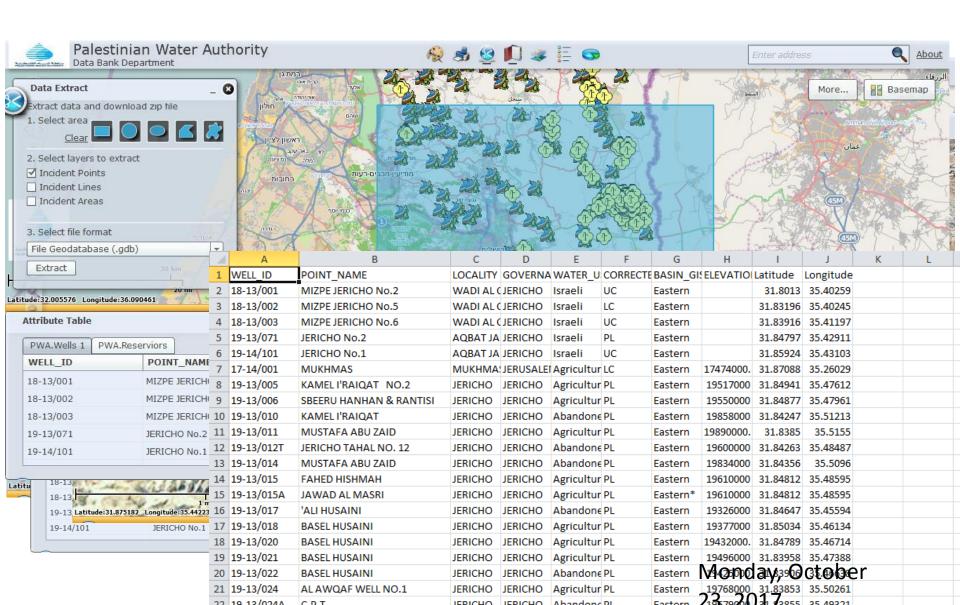




First Version of NWIS- Palestine 2011



1st GIS web application 2015



current NWIS Activities

- Software development (coding, configuration)...
 Graphs (incl. menus & templates)
- Time series processing (persistent, on-the-fly)
 Data availability
- Developeing Additional data retrieval functionality
 For time series work in .NET partly using purchased
 software components (e.g. DevExpress)
- MWARED user interface: complete work in MWARED, connection with NWIS

Demonstration of MWARED

NWIS.pwa.ps
GIS.pwa.ps

Way forward

Action to be taken

- Develop the external access to NWIS via MWARED and extend WIS database data storage option.
- Enhance Coordinate with stakeholder.



Challenges

- Water sector Reform and implementing of New Water law
- Staff turn over more than 10 personnel contribute to reach the current status.
- Expanding the implantation of the NWIS linking other governmental institution.
- No fund for the coming years.













Mediterranean Water Knowledge Platform

www.semide.net/initiatives/MWKP



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