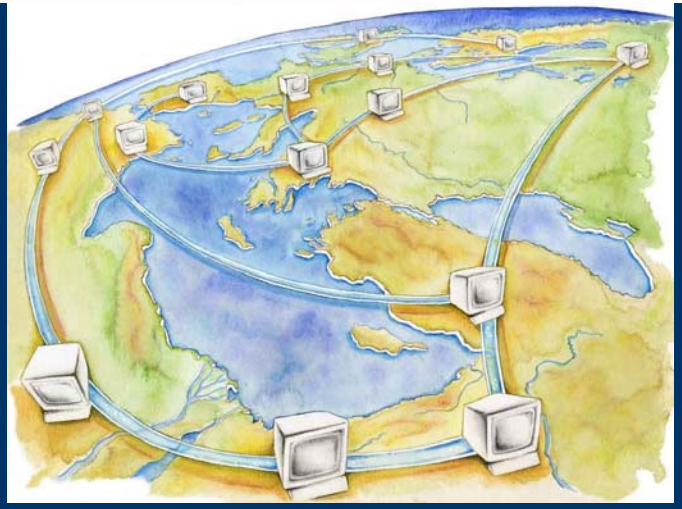
SYSTEME EURO-MEDITERRANEEN D'INFORMATION SUR LES SAVOIR-FAIRE DANS LE DOMAINE DE L'EAU

SEMIDE

EMWIS

EURO-MEDITERRANEAN INFORMATION SYSTEM ON KNOW-HOW IN THE WATER SECTOR



Feasibility Study on the Mediterranean Water Observation Mechanism

Experts Workshop

Priority Topics

Water Supply and Sanitation WSS

Prepared by Eng. Lana Naber

The performance Indicators

- **Public Health quality of the drinking water**
- **% of Unaccounted water**
- **Mean Price of Water**
- **% of population connected to urban sanitation network**

Data Sources

Indicator

Public health quality of the drinking water

Source

- **WAJ Lab**
- **Ministry of Environment/ Environmental Health Directorate EHD**

Quality

Same indicator is used at WAJ Lab and EHD

Data is produced per JS for drinking water 286 of 2001

Accessibility

LIMS at WAJ Lab

Hard copy at EHD

Comment

% compliance exceeds that of WHO 95%

Data Sources/ Cont'd

Indicator

% Unaccounted water

Source

WAJ

Program Management Unit PMU

Accessibility

Information and Losses Monitoring Unit at WAJ

Non revenue Water Department at PMU

Quality

Data is available on quarterly/annual basis per gov

Errors in bulk meters

Estimation of some sources

Billing errors in procedures

Data Sources/ Cont'd

Indicator	Source	Quality	Accessibility	Comment
Price of drinking Water	WAJ	Data is available on quarterly basis/annual	Subscribers Directorate at WAJ	WAJ is the official body for setting and restructuring tariff

Data Sources/ Cont'd

Indicator

% population connected to urban WW Collection System

Source

WAJ

Accessibility

Wastewater Directorate at WAJ

Quality

Data is available per year

The number of people connected to each house connection is estimated

Comment

WAJ is the official body for setting and restructuring tariff

MSSD Indicator

Water Demand indicator

Household water demand

Industrial Water Demand

Agriculture Water demand

Source

MWI

Quality

Data is available per governorate in the WIS system at MWI and in excel files

Accessibility

NWMP Directorate at MWI

Comment

Water Demand compared to GDP as an indicator is not officially used

MSSD Indicator

Water Efficiency Index

Source

Drinking water Efficiency Index → **WAJ, MWI**

Irrigation Water Efficiency Index → **JVA, MWI, DOS**

Industrial Water Efficiency Index → **MWI, WAJ**

Quality

•Water use data is available in the following format;
an oracle database Water Information System WIS
National water master plan data excel tables
•Billed water data is available in X7 and cobol format
•Irrigated areas is available in WMIS at JVA and in excel tables at DOS

Accessibility

Subscribers Directorate at

NWMP Directorate at MWI

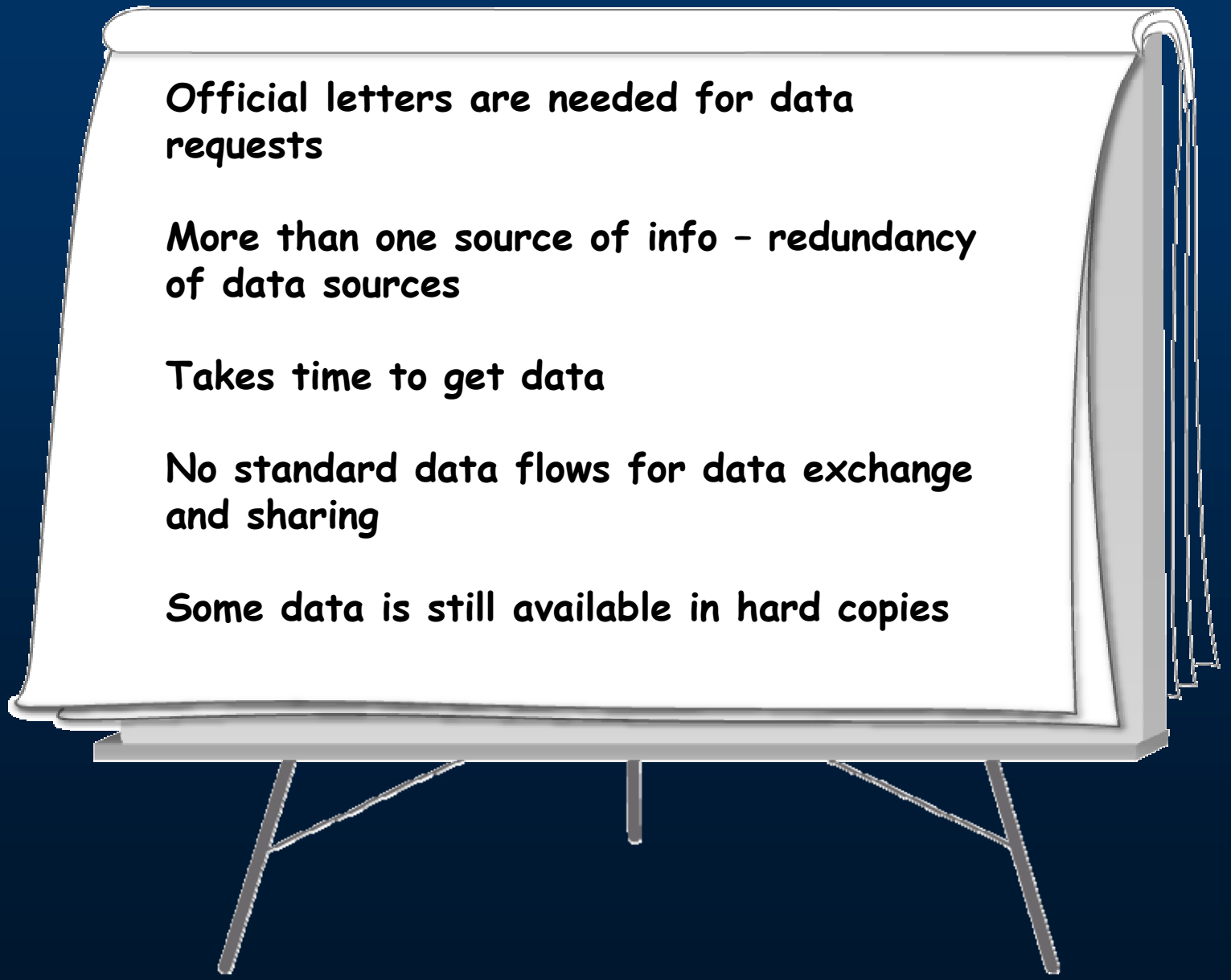
Information Directorate at JVA

DOS

Comment

Industrial water efficiency index is not used

General Comments and Difficulties



Thank You