



הלשכה המרכזית לסטטיסטיקה
Central Bureau of Statistics
دائرة الإحصاء المركزية

Development of Water Accounts in Israel

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Water Accounting Experience – Research and Training

- Submission of research proposal to the national water commission
- Study visit to INE (Spain)
 - Background
 - Methodology EUROSTAT and Spain
 - Data collection procedures
 - Tables and data

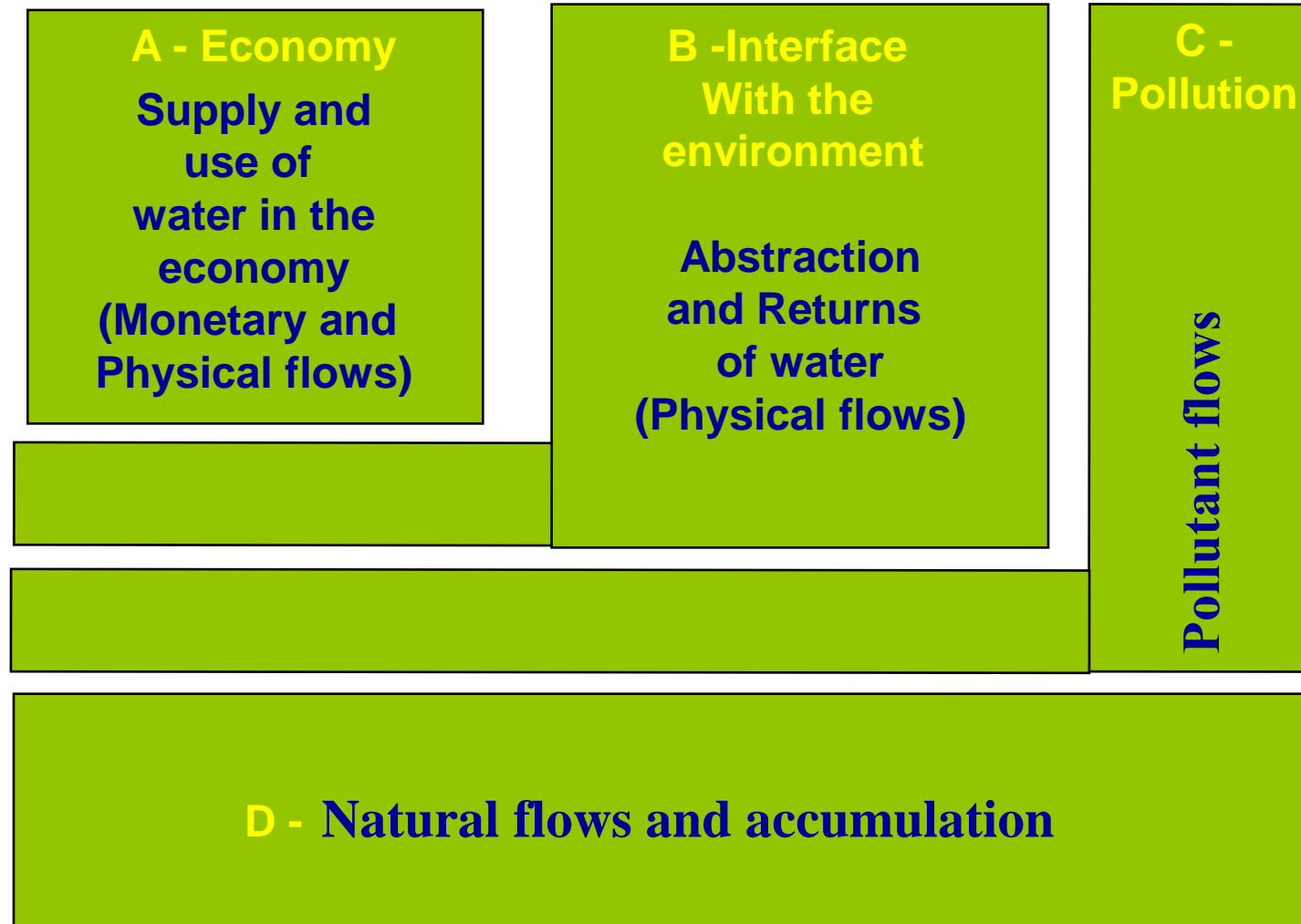
Water Accounting Experience - Startup Phase

- ◉ Budget planning
- ◉ Introduction of the project to the water commission officials
- ◉ Employee recruitment
- ◉ Appointment of focal point in the water commission
- ◉ Set up of a working plan

Water Accounting Experience – Local Needs and Adaptations

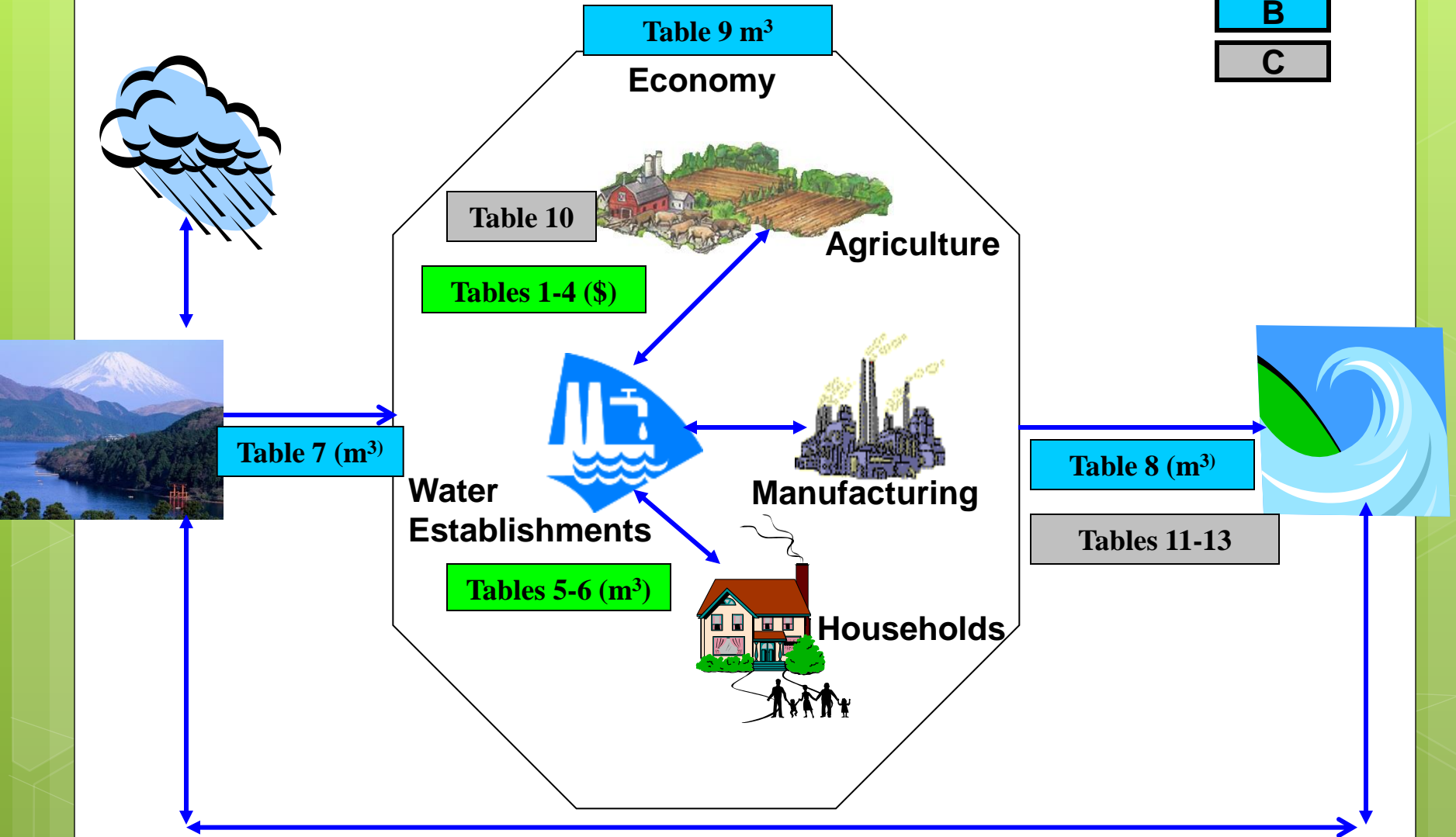
- Translation of INE tables
- Adaptation of tables to local needs
- Meetings with water experts
- Appointment of steering committee
- Mapping of data sources
- First steering committee

NAMEA Methodology



Set of Tables

A
B
C



Set A- Supply and Use of Water in the Economy

Table 1: Supply of distributed water and of wastewater services (monetary)

Table 2: Use of distributed water and of wastewater services (monetary)

Table 3: Economic accounts for water distribution and wastewater collection industries

Table 4: Expenditures for self-supply of water and of wastewater treatment

Table 5: Physical flows of water corresponding to economic supply

Table 6: Physical flows of water corresponding to economic uses

Set B - Physical flows of water between the economy and the environment

Table 7: Abstractions of water

Table 8: Returns of water

Table 9: Freshwater balance

Set C - Physical flows of pollutants between the economy and the environment

Table 10: Pollutant loads of freshwater abstracted for self-supply

Table 11: Pollutant loads of wastewater discharged to the sewage system

Table 12: Pollutant loads of cooling and wastewater returned to the environment

Table 13: Pollutant loads of cooling and wastewater returned to non-fresh sources

Data Sources

- ◉ Water Commission
- ◉ Water abstraction establishments
- ◉ Desalination plants
- ◉ Water treatment plants
- ◉ Local authorities
- ◉ Water and sewage corporations
- ◉ CBS
- ◉ Other government bureaus

Challenges along the road

- Methodology needs to be further adapted for local conditions
- Statistical Data confidentiality
- Difference in definitions (national and international)
- data limitations (pollutants)
- Cooperation with data providers

Working plan

Milestones
Mapping of data sources
Control programs for received data
Programs for reports and queries
Database and preliminary data
Dissemination of first report
First national water account

**Thank
you!**

