

# EU-ARMENIA TWINNING PROJECT

## Activity 6.3

*Compilation of water accounts I*

## Water Accounts

Yerevan, 30 January – 3 February 2017





## Mandatory result

### **Mandatory result MR7 related to this activity**

Water accounts compiled (July 2017)

*Benchmarked by*

- Inventory of data sources (availability, information flow) for water accounts defined (April 2016)
- Methodology for water accounts developed (January 2017)
- Meeting with stakeholders held (July 2017)
- Water accounts compiled (July 2017)



## Purpose and expected output of 6.3

### Purpose

- Compilation of water accounts
- How to integrate water accounts in national accounts
- To involve relevant stakeholders in the discussions

### Expected output

- Mission report with recommendations on how to compile water accounts, and how to integrate water accounts with national accounts
- A lining up of work programme for the next activities:
  - 6.5: Compilation of water accounts II (27-30 March 2017)
  - 6.6: Follow-up on achievements and recommendations for the future (22-25 May 2017)



## Conclusions (1)

- NSSRA did a good work in line with the recommendations and the road map fixed at the end of the previous Istat mission in Yerevan and during study visit in Italy (activities 6.2 and 6.4).
- The revision of Water statistics indicators made in this week was full of new points that have been (and have to be) examined in depth, in reference with international statistical standard (UN, Eurostat), before the final validation of the tables.
- Theoretical and practical aspects of Hybrid supply and use tables (physical and monetary) have been developed in the present activity 6.3.



## Conclusions (2)

- Methodological aspects of water monetary accounts have been presented, taking in to account the international frameworks (SEEA2003, SEEA-Water2012).
- The meeting with the Armenian stakeholders represented an important moment and, in the specific case of National Accounts, the collaboration obtained as a first result some of the monetary figures present in the Hybrid Supply and Use Tables.
- The compilation of Physical and Hybrid SUT shared in these days was an important moment to discuss some critical points, to resolve uncertainties, to cause new doubts necessary to a better understanding.



## Conclusions (3)

- After having analyzed in these months data present in Armenia on water related issues, and overall considering the work still in progress worldwide on WA issues, we believe that the objective of this twinning project should be materialized in the production of Inland water tables/ Physical supply and use tables for water and emissions / Hybrid supply and use tables.
- Given the richness of the Armenian database, we think it might be useful enrich the production also with some tables not initially provided, but probably easy to fill in (such as the matrix of water transactions). These tables, in fact, might give an important value added in understanding Water.
- The cooperation between Istat and NSSRA staffs continues to be very fruitful, sharing experiences and results.



# Recommendations

- To persist in analyzing in-depth official statistical manuals indicated in the bibliography (in particular the SEEA-Water), basic condition to a successful compilation of the Physical Water Flow Accounts and Hybrid supply and use tables.
- Do not forget that WA is an ongoing process.
- In case of doubts or uncertainties NSSRA staff have to contact Istat experts in any moment, by email or by Skype, in order to receive the support that is necessary, and overall to share problems and solutions.



# Road map and time plan (1)

## Homework to be prepared by NSSRA until next mission :

- Update of JQ-IW and PSUT tables, previously compiled, according to the revisions discussed during the activity 6.3
- Study of the conceptual framework and methodologies referring to monetary accounts on water related products. In particular we suggest to deeply analyze SEEA-W and to pay attention to all the examples presented and the exceptions analysed
- Compilation of Hybrid Supply and Use tables
- Compilation of the matrix of flows of water within the economy





## Road map and time plan (2)

- Discuss on critical aspects arisen during the Hybrid tables compilation
- First evaluations on indicators derived by the PWFA and Hybrid Supply and Use tables
- Design the data dissemination format. In particular, prepare a draft summary of the publication to do in conclusion of the twinning project, a list of tables and maps in attach
- Submit tables on Air emissions accounts for discussion, in accordance with the agreement during the study visit in Italy