

EU-ARMENIA TWINNING PROJECT

Activity 6.2

Review of data

Water Accounts

Yerevan, 16-20 May 2016





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 6.2

Purpose

- Review of existing data and identification of need of new data
- Discussion on use of administrative registers and how to improve quality
- Compilation of water accounts and their usage
- To involve relevant stakeholders in the discussions

Expected output

- Mission report with conclusions on findings on data availability, and recommendations for improvement of data quality and water accounts.
- A lining up of work programme for the next activities:
 - 6.4: Study visit to Italy (11-14 October 2016)
 - 6.3: Compilation of water accounts I (12-16 December 2016)



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 on February 2016 (activity 6.1).
- All the analysis developed by Armenian colleagues confirm that WS databases are rich of data and information at different scale of aggregation. For this reason they have compiled the tables of the OECD/Eurostat Joint Questionnaire on Inland waters (JQ-IW) with a high degree of completeness.



Conclusions (2)

- Theoretical and practical aspects of Physical Water Flow Accounts (PWFA) compilation have been developed in the present activity 6.2. In particular the supply and use tables for water and for emissions to water (including derived indicators) have been examined in detail. The relations between the PWFA and JQ-IW tables items and recent improvements on this issue pursued by Eurostat Working group on environmental accounts in 2015 have been analyzed.
- NSSRA databases related to water resources seems to be in line with the information needs required by PWFA compilation.



Conclusions (3)

- Methodological aspects of water monetary accounts have been presented, taking in to account the reference international framework (SEEA2003, SEEA-Water2012). In particular, monetary supply and use tables of water related products, input-output tables and hybrid account for supply and use table of water were work topics.
- At date Istat and NSSRA staffs have been profitably worked in accordance with the road map, sharing experiences and results.



Recommendations

- Putting the high amount of information discussed in activity 6.2 into order so to pursue gradually the objectives planned
- Deepening the analysis of official statistical manuals indicated and work documents edited by Istat and provided, basic condition to a successful compilation of the Physical Water Flow Accounts
- Studying official statistical manuals and the work documents edited by Istat referring to monetary water accounts. The aim is to become more familiar with conceptual foundations, classifications and methodologies used in the construction of this account system
- In case of doubts or uncertainties NSSRA staff may contact Istat experts in any moment, by email or by Skype, in order to receive the technical support that is necessary



Road map and time plan (1)

- Homework to be prepared by NSSRA :
 - Update of JQ-IW tables previously compiled, according to the revisions discussed during the activity 6.2
 - Research of data sources available, in addition to the JQ-IW variables, for the Physical Water Flow Accounts compilation
 - Compilation of tables A-B-C-D of the PWFA, according to the official statistical manuals discussed
 - Calculation of the indicators (table E) derived by the PWFA
 - Report on critical aspects arisen during the PWFA compilation



Road map and time plan (2)

- Focus on missing items or items with an uncertain quality that have to be little by little underlined, with the aim to individuate the best practices to use (proxy variables, estimations models, surveys, administrative data)
- Study of the conceptual framework and methodologies referring to monetary accounts on water related products. In particular, monetary supply and use tables of water related products, input-output tables and hybrid account for supply and use table of water
- Study of the work documents edited by Istat staff on Water accounts compilation and indicators useful for policy