



Ministry of national economy
of the Republic of Kazakhstan
Committee on statistics



UNITED NATIONS
ECONOMIC COMMISSION FOR EUROPE



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SEEA water accounts in Kazakhstan Implementation plans



Geneva 2019



Content

- Policy background;
- Overview of SEEA implementation in KZ;
- Work at national and international level;
- Main producers of water statistics;
- Available data for water accounting;
- Challenges in water accounting;
- SEEA implementation roadmap;
- Further steps.

Policy background



Sustainable Development Goals (SDG)



Concept for transition of the RK to “Green economy”

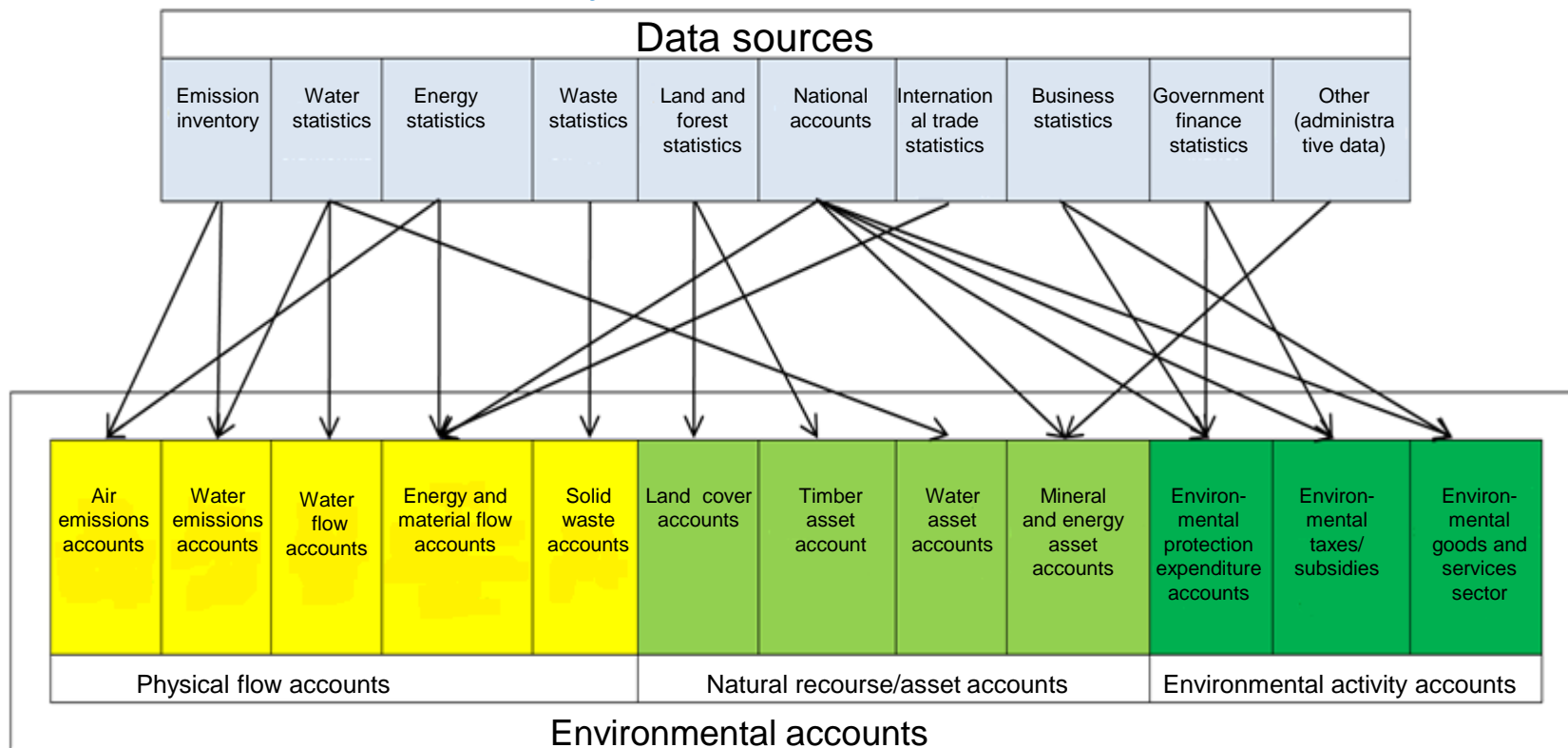


“Akbulak” – State water program



Structure of the SEEA Central Framework

Priority Accounts for Kazakhstan



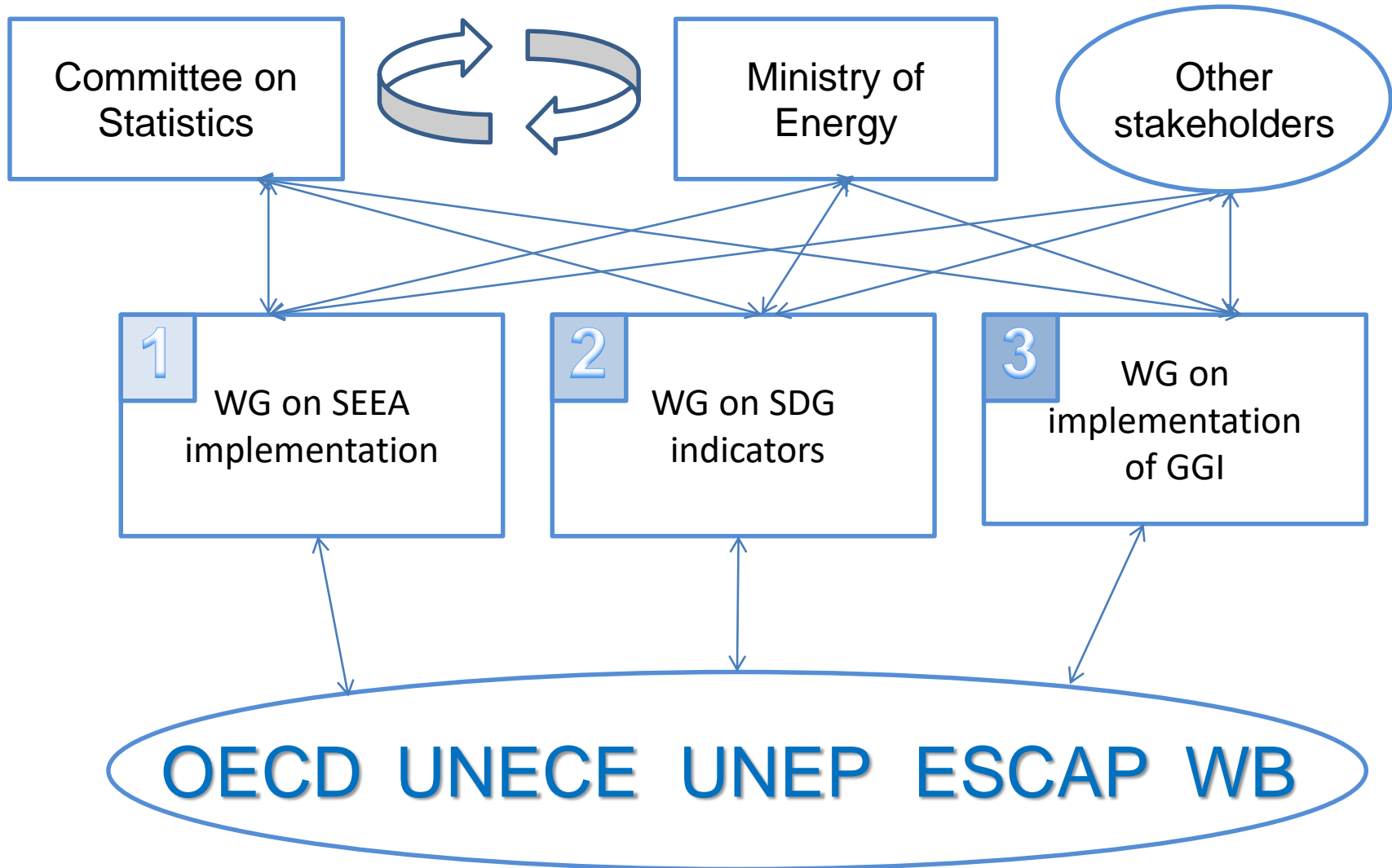


Authorized bodies in the field of environment statistics

- Ministry of National Economy of the RK
 - Committee on Statistics
- Ministry of Energy of RK
 - Committee on Environmental regulation
 - JSC “Zhasyl Damu”
 - RSE “Kazhydromet”
- Ministry of Agriculture of the RK
 - Committee for forestry and wildlife
 - Committee on water resources
 - Committee on land resources
- Ministry of Industry and Infrastructural Development of the RK
 - Committee on geology and subsoil use
- Ministry of Finance of the RK
 - State revenue committee

Work at national and international level

Data sharing agreement





Main producers of water statistics in KZ

- Ministry of National Economy of the RK
 - Committee on Statistics
- Ministry of Agriculture of the RK
 - Committee on water resources
- Ministry of Energy of RK
 - RSE “Kazhydromet”
- Ministry of Industry and Infrastructural Development of the RK
 - Committee on geology and subsoil use

Report on surface and underground water resources their use and quality





Water flow account

(available data)

Committee on water resources

- Surface and ground water abstraction by regions;
- Surface and ground water abstraction by NACE rev.2;
- Surface and ground water use by regions;
- Surface and ground water use by NACE rev.2;
- Water losses by regions;
- Water losses by NACE rev.2;
- Water emissions.



Water asset account *(available data)*

RSE “Kazhydromet”

- Water stream flow in main rivers;
- Water stock in main lakes;

Committee on geology and subsoil use

- Water stock in groundwaters;

Committee on water resources

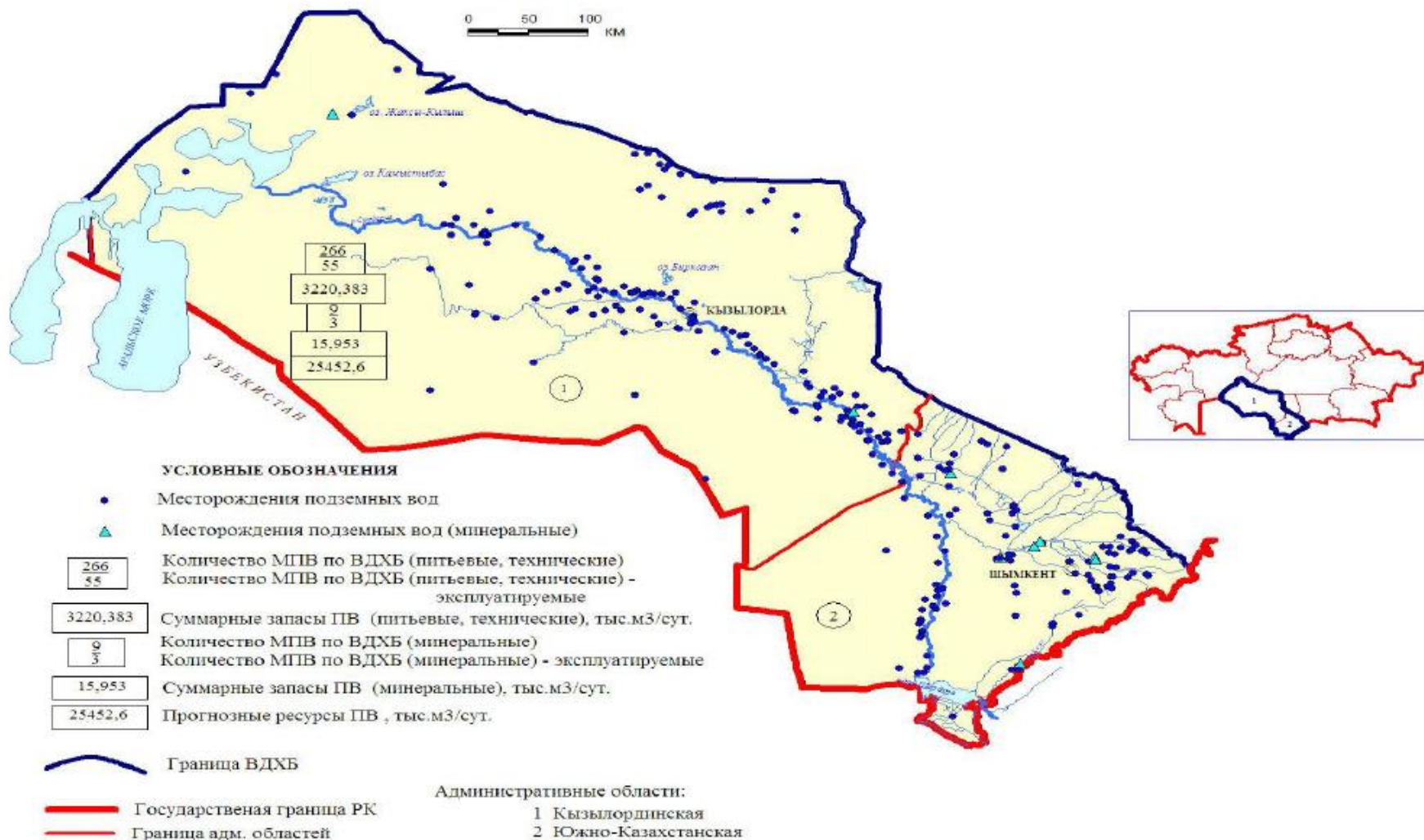
- Water stock in artificial reservoirs.

8 water basins of Kazakhstan



Distribution of groundwater resources

Схематическая карта
размещения месторождений и
распределения запасов подземных вод по
Арало-Сырдарьинскому водохозяйственному бассейну РК
за 2014 г.



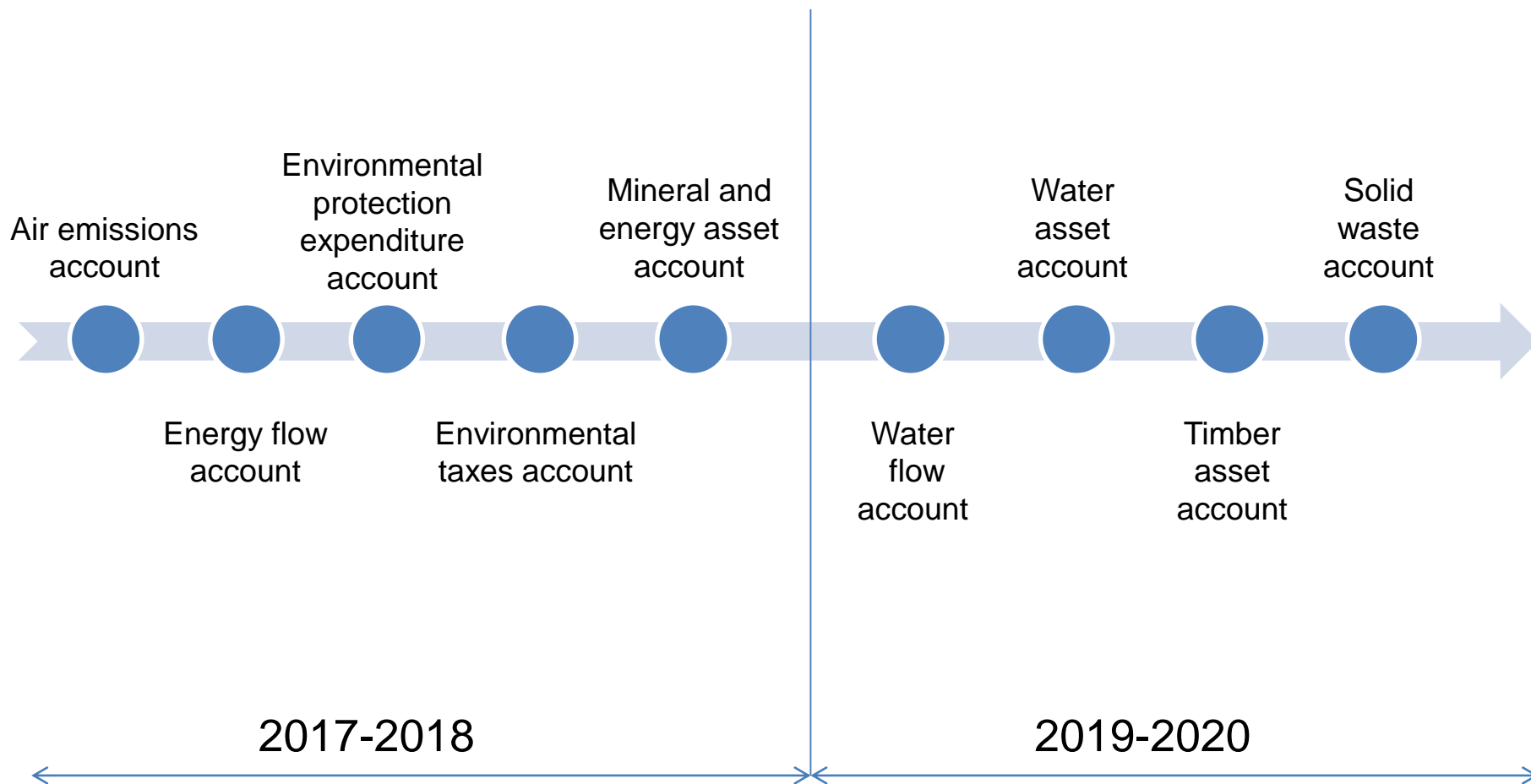


Challenges in water accounting

- Lack of primary data;
- Variety of administrative sources;
- Different methodologies used;
- Difficulties in converting physical units into monetary ones;
- Lack of human resources;
- Lack of training programs.



SEEA implementation roadmap





Further steps

- March 2019 WG meeting on the SEEA;
- Interaction with responsible GO;
- Revision of CS and GO toolkit:
 - Methodologies;
 - Questionnaires;
 - Classifiers.
- Interaction with international experts and organizations;
- Gradual coverage of new SEEA accounts.

Thank you for attention

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