Second wave of reforms of the water sector of Armenia

Mr. Edgar Pirumyan
Chief of Staff,
Ministry of Nature Protection of the Republic of Armenia

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Outline

☐ First generation reforms,
☐ Second generation reforms,
☐ NPD activities in Armenia,
☐ Lessons learnt,
☐ Policy recommendations
First generation reforms

- Legal
  - Water Code – 2002,
  - National Water Policy – 2005,
  - National Water Program – 2006, includes short-, medium- and long-term measures
  - New water quality norms - 2010
  - Over 120 by-laws and regulations
First generation reforms

- Institutional
  - Management and protection of water resources - WRMA
  - State management of water systems - SCWS
  - Tariff policy in water sector – PSRC
  - 6 BMOs
First generation reforms

- State Water Cadastre
  - Establishment of data warehouse,
  - Registration of documents and information provision,
  - Formation of water resources monitoring tasks,
  - Inventory of HTSs,
  - Composition of water balance and water-economic balance
Second generation reforms

- Improving coherence and consistency among laws and regulations,
- Technical and institutional strengthening of agencies involved in water management,
- Decentralization of water resources management through strengthening of BMOs,
- Better utilization of the SWC
Second generation reforms

- Improved WUP implementation and administration,
- Improved hydro-morphological and physico-chemical monitoring of surface waters,
- Re-vitalization of groundwater monitoring,
- Introduction of biological monitoring
NPD activities in Armenia

- UNECE - 2007-2008
- Baseline conditions for introducing IWRM principles in Marmarik River basin
- Desired conditions for Water Uses and Functions in the Marmarik River Basin
  - Legal/regulatory, institutional and technical measures
NPD activities in Armenia

- OECD - 2009-2010
- Financial dimensions of water resources management
  - Analysis of water resources financing based on measures proposed by UNECE study,
  - Improving role of economic incentives,
  - Key sectors: irrigation, domestic water supply and sanitation, industrial water use, hydropower, fisheries
- Development scenarios for water resources management
  - Forecasted economic growth,
  - Water demand forecast,
  - Planning period: 2030,
  - Scenarios: baseline, maximum, supply-driven, consensus
NPD activities in Armenia

- Payment for Ecosystem Services – upper Hrazdan basin
  - Characterization,
  - Analysis of natural resources use,
  - Diagnostic analysis,
  - Proposing public PES scheme
Lessons learnt

- Adopted policy packages,
- Coordination,
- Local dimensions,
- Financing of IWRM,
- Information sharing and public participation
Policy recommendations

- Development of biological monitoring system,
- Re-vitalization of surface water quality and hydro-morphological monitoring system in line with EU WFD requirements,
- Performance of groundwater quantity and quality monitoring,
- Decentralization of water resources management through development of river basin management plans