

**REVIEW OF THE GEORGIAN LEGAL AND
INSTITUTIONAL WATER FRAMEWORK AND
RECOMMENDATIONS FOR
IMPLEMENTATION OF EU WATER
FRAMEWORK DIRECTIVE PRINCIPLES,
INCLUDING PREPARATION OF A NATIONAL
WATER LAW, Rev. version of April 2012**

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BACKGROUND SITUATION

- **UNECE ORDERED THE FINNISH ENVIRONMENTAL INSTITUTE TO COMMENT THE DOCUMENT**
- **THE AIM OF THE DOCUMENT: GEORGIA WILL ADAPT WFD AND FD AND START THE IMPLEMENTATION. LEGISLATION WILL BE DEVELOPED TO SUPPORT THE IMPLEMENTATION**
- **FEI SPECIALISTS WILL REFER EXPERIENCE GAINED WHEN IMPLEMENTING DIRECTIVES IN FINLAND AND SOME OTHER EU COUNTRIES**
- **WE WILL NOT TELL WHAT GEORGIA SHOULD DO!**

IMPLEMENTATION IN FINLAND

- FINLAND HAS LONG HISTORY WITH WATER POLICY
- FIRST WATER LAW ABOUT 50 YEARS AGO
- RIVER BASINS AS PLANNING AREAS SINCE 40 YEARS
- CENTRAL AND REGIONAL WATER AUTHORITIES ABOUT 50 YEARS
- RELIABLE WATER AND WASTE WATER QUALITY AND QUANTITY MONITORING COVERING THE WHOLE COUNTRY
- ALL WASTE WATERS ARE TREATED WELL
- **STILL WE HAVE SOME PROBLEMS TO IMPLEMENT THE WFD**

EU-STATES IMPLEMENTING THE WFD

- **MOST OF THE EU STATES IMPLEMENTING WFD HAVE LONG HISTORY WITH:**
- **MONITORING OF THE WATER CYCLE**
- **NATIONAL WATER STRATEGY AND PLANNING**
- **WATER RELATED LEGISLATION BASED ON ENVIRONMENTAL AND NATIONAL/INTERNATIONAL POLICY**
- **PHASE BY PHASE IMPROVING WASTE WATER TREATMENT**
- **WELL FUNCTIONING WATER SUPPLY SYSTEMS**
- **NATIONAL AND REGIONAL WATER ADMINISTRATION**

SOME COMMENTS ABOUT THE DOCUMENT

- BACKGROUND INFORMATION HAS BEEN IMPROVED CONSIDERABLY
- IN RIVERS THE FLOW-PATTERN SHOULD BE INDICATED BECAUSE IT IS AS IMPORTANT AS THE TOTAL QUANTITY
- THE MAJOR PROBLEMS ANALYZED ARE REALISTIC BUT VERY SHORTLY PRESENTED

MOST CRITICAL PROBLEMS

- BAD DRINKING WATER QUALITY
- SURFACE WATERS ARE POLLUTED
- WATER SUPPLY NETWORK IN WEAK CONDITION
- WEAK OR ABSENT WASTE WATER PURIFICATION
- WATER SCARCITY IN SOME AREAS
- POLLUTED TRANSBOUNDARY WATERS
- CLIMATE CHANGE
- **WATER ECOLOGICAL PROBLEMS**

LONG-TERM GOALS

- to ensure safe water quality and adequate water quantity for human health and aquatic ecosystems

MAJOR DEVELOPMENT NEEDS FOR WATER PROTECTION CONT.

- *Target 1 – Establishment of effective water management system **based on bigger river basins***
- *Target 2 – Establishment of effective pollution prevention and water extraction control mechanisms – upgrading permitting **and compliance monitoring** system*
- *Target 3 – Reduction of water pollution from untreated municipal **and industrial** wastewater*
- *Target 4 – Reduction of pollution from diffuse sources in agriculture*
- **Monitoring**
- **National water strategy vs. legislation**



Convergence/harmonization with EU water legislation and new partnership opportunities and priorities with EU

- EU-LEGISLATION AND DIRECTIVES COULD BE USED AS A LONG TERM GOALS AND FRAMES
- DIRECT ADAPTATION IS NOT POSSIBLE IN PRACTICE
- FORMATION OF LEGISLATION AND NORMS ARE RESULTS OF LONG DEVELOPMENT PROCESS
- COUNTRY'S LEGISLATION AND NORMS SHOULD ALWAYS BE IMPLEMENTABLE IN THE SOCIETY. IF NOT, THE MESSAGE TO THE SOCIETY IS DANGEROUS – IT IS NOT NECESSARY TO OBEY
- GEORGIA COULD START TO IMPLEMENT THE WATER FRAME DIRECTIVE WITH MEANS WHICH ARE POSSIBLE TO IMPLEMENT AND MOST URGENTLY NEEDED



MUNICIPAL WASTE WATER EXAMPLE

- MECHANICAL/BIOLOGICAL POND
- OXIDATED POND
- BIOLOGICAL-CHEMICAL POND
- ACTIVATED SLUDGE TREATMENT
- BIOLOGICAL-CHEMICAL TREATMENT

WATER POLICY PROCESS

- STATE OF THE WATERS: BASED ON RELIABLE MONITORING
- WATER STRATEGY: GOALS AND IMPLEMENTATION
- WATER RELATED LEGISLATION: SUPPORTS GOALS AND IMPLEMENTATION
- LICENSING AND COMPLIANCE MONITORING

THE WHOLE CHAIN OF ACTIVITIES SHOULD BE PRAGMATIC AND IMPLEMENTABLE! IT IS A CONTINUING PROCESS FOLLOWING THE DEVELOPMENT OF THE SOCIETY