



**DEVELOPING REGIONAL COOPERATION FOR SHARED
KARST AQUIFER MANAGEMENT IN SEE
27-28 June 2008, Thessaloniki, Greece**



SLOVENIA

- ***Coordinating Ministries and responsible institutions***
- ***Recent legislation and reforms***
- ***Current situation of water resource management***
- ***Main water resources management issues***

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Coordinating ministries and responsible institutions

- *Ministry of Environment and Spatial Planning (coordination)*
 - *Environmental Agency of the Republic of Slovenia – data acquisition, data analysis*
 - *Institute for Water of the Republic of Slovenia – water legislation, water policy, assessment of the state of the water bodies (surface waters and see)*
 - *Geological Survey of Slovenia – groundwater.*
- *Ministry of Agriculture, Forestry and Food*
 - *Directorate for Agriculture – Mitigation of droughts (subsidies), irrigation projects.*
- *Ministry of Economy*
 - *Directorate for the Energy – hydropower plants.*
- *Ministry of Health*
 - *Health Inspectorate of the Republic of Slovenia – monitoring of the drinking water.*





Recent legislation and reforms

- *Slovenian Water Act (2002) – implementation of European water legislation (WFD) in Slovenia.*
- *Slovenian Water Act laid down the institutional framework for the Institute for Water of the Republic of Slovenia which is specialized for water and related land management.*
- *The mission of the Institute is to integrate the water management principles posed in WFD to Slovenian water resource management.*

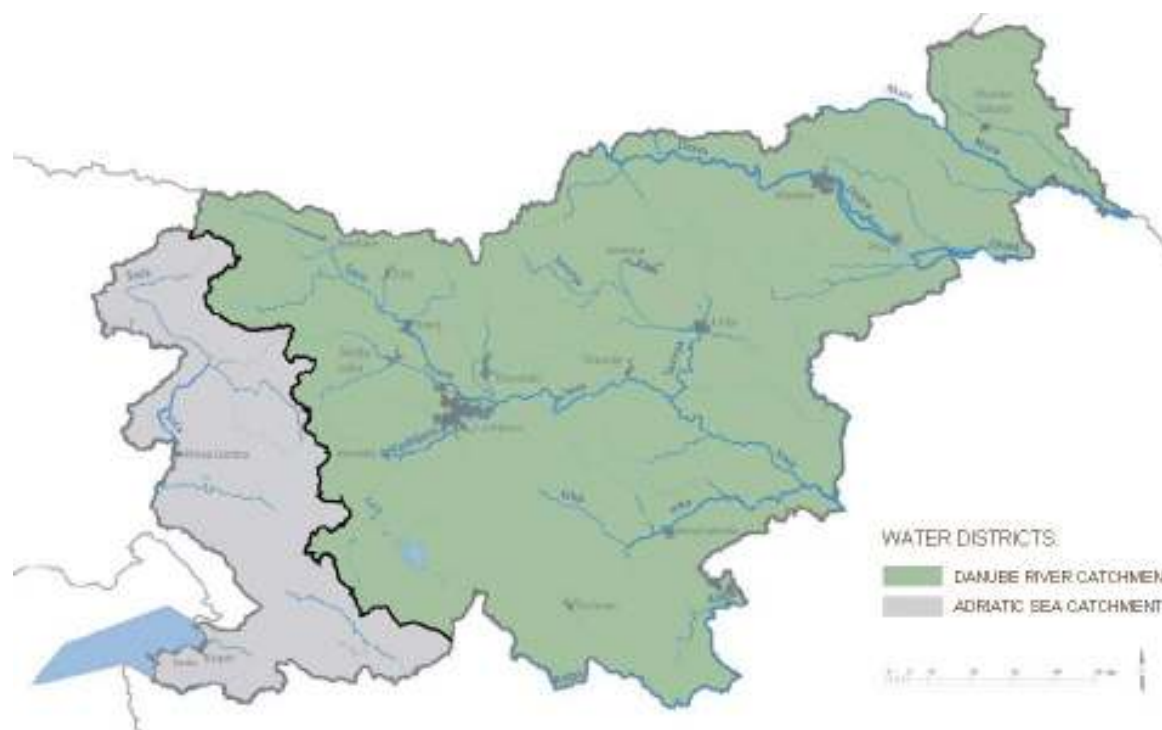




Characterisation of Slovenian waters

Two basin districts:

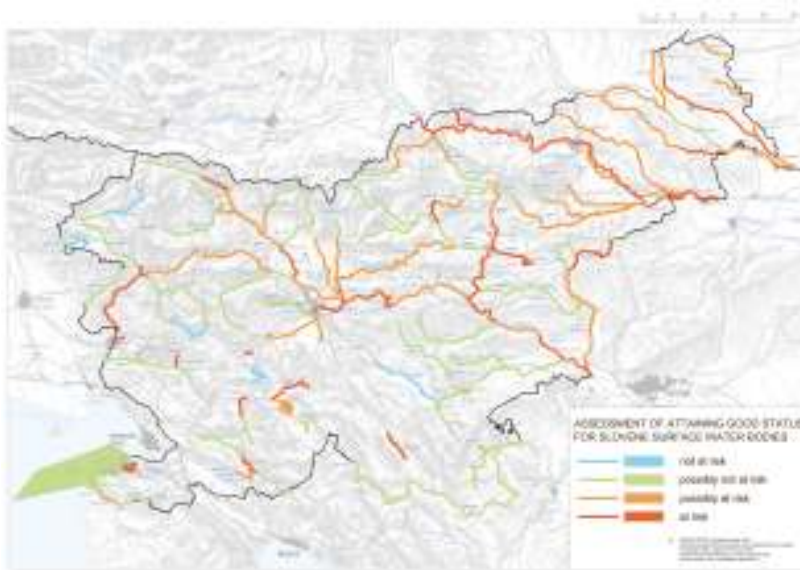
- *Adriatic sea basin district.*
- *Danube basin district.*



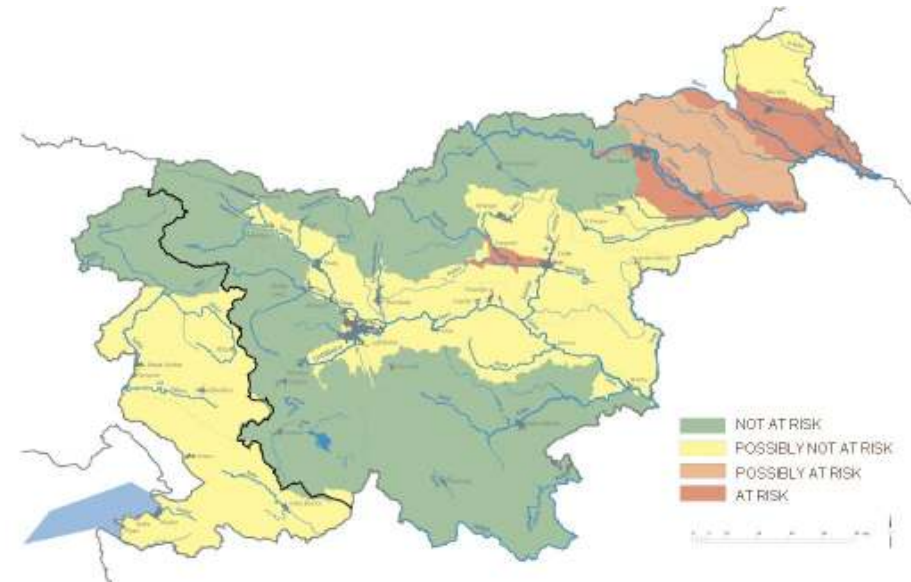


Characterisation of Slovenian waters

Assessment of attaining good status of water bodies



Surface waters



Groundwater

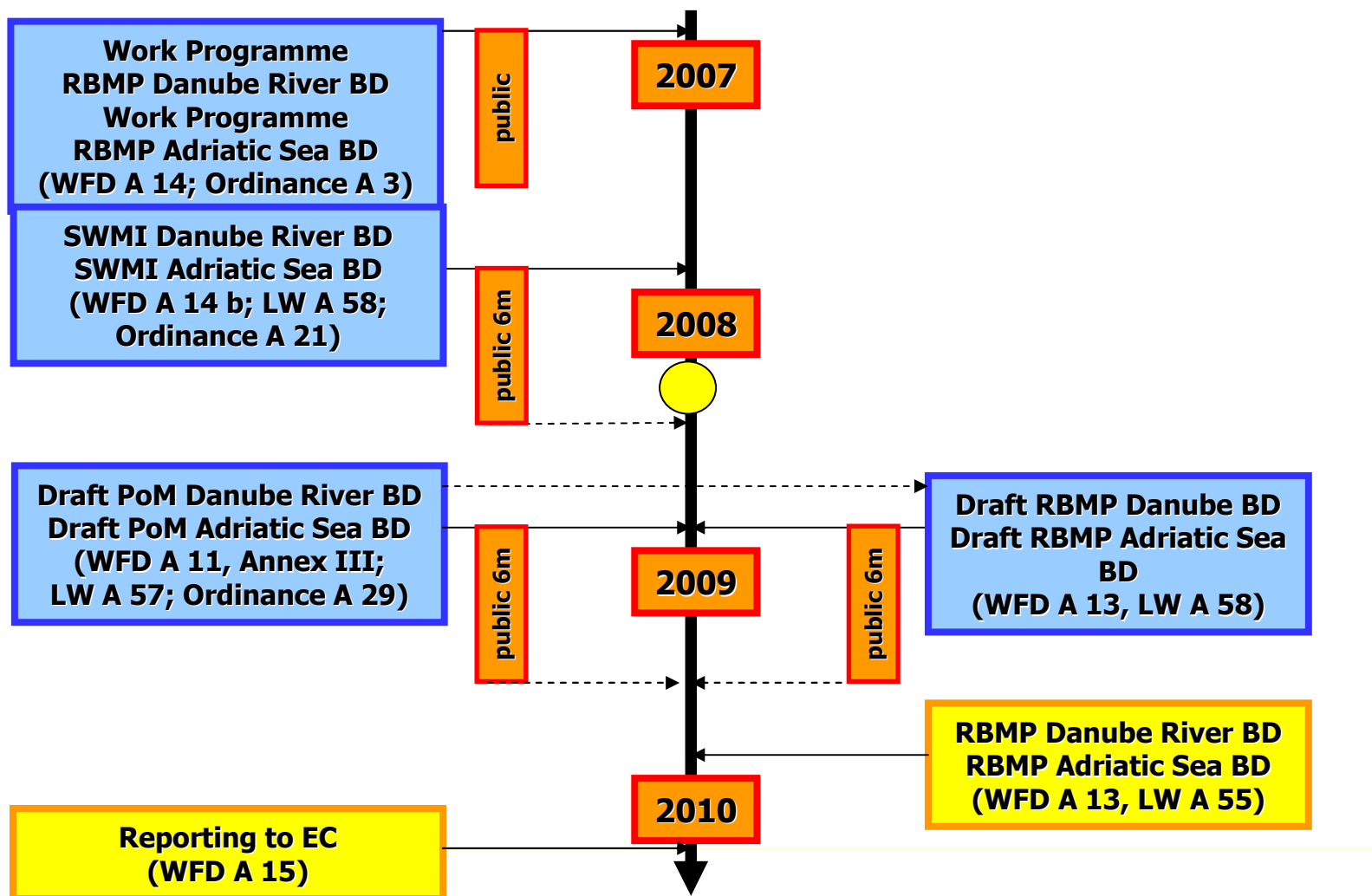




Current situation of water resource management



Diagram of accomplished and foreseen activities according to the WFD





Main water resources management issues



- *Water quality issues: Bad quality of groundwater in NE Slovenia used for water supply (exceeded concentrations of nitrates and pesticides).*
- *Torrent control: Mitigation of the damage caused by torrents in September 2007 (approximately 200 million €).*
- *Increased production of energy from renewable sources: Building of the chain of hydropower plants on lower Sava River (5 new hydropower plants until 2018).*
- *Water shortage issues: Arrangement of the water supply to the water deficitary Slovenian coastal region (possible new water source: reka River, new reservoir Suhorka).*





River Basin Management Actions

- *International Sava River Basin Commission (ISRBC)*

(<http://www.savacommission.org>)

Mission:

- *Establishment of an international navigation regime on the Sava River and its navigable tributaries.*
- *Establishment of the sustainable water management.*
- *Undertaking of measures to prevent / limit hazards (floods, ice, droughts, pollution).*

- *International Commission for the Protection of the Danube River (ICPDR) (<http://www.icpdr.org/>)*

Goals:

- *Safeguarding the Danube's Water resources for future generation.*
- *Naturally balanced waters free from excess nutrients.*
- *No more risk from toxic chemicals.*
- *Healthy and sustainable river systems.*
- *Damage-free floods.*





Recent Water Resource Management Actions



- *Joint Statement for Protection of Adriatic Coast (signed in June 2008)*
 - *Signed by all coastal countries.*
 - *Political basis for future planning of the Adriatic coastal region protection measures.*
 - *Legislative basis: EU Marine Strategy .*





Thank you for your attention !

