



COORDINATION BETWEEN WATER FRAMEWORK DIRECTIVE AND MARINE STRATEGY FRAMEWORK DIRECTIVE

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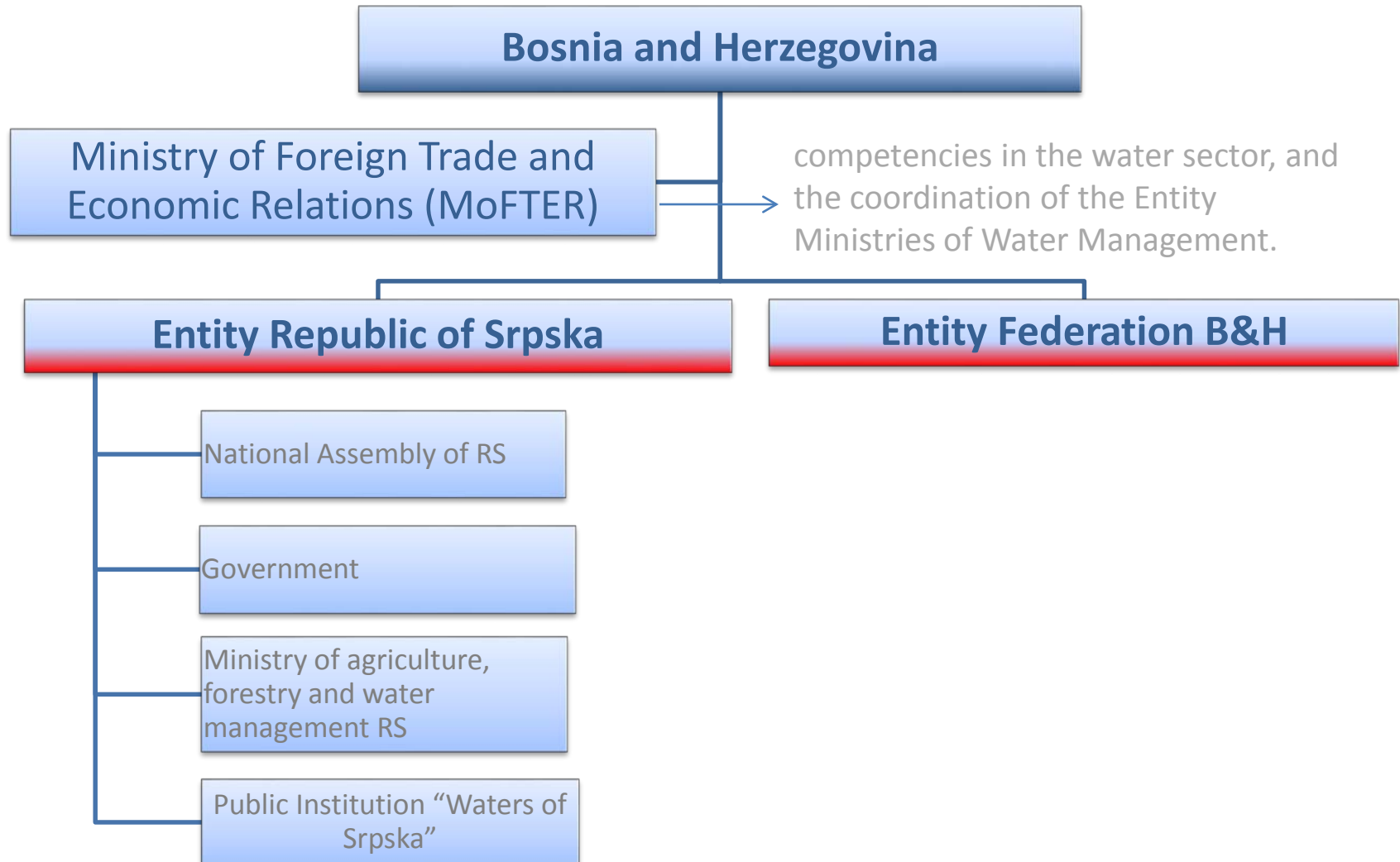
– www.vladars.net

Public institution "Waters of Srpska"

– www.voders.org



COMPETENCE FOR WATERS





- Sava River Basin District – Danube, Black Sea
- Trebišnjica River Basin District – Mediterranean



Only one type of coastal waters has been determined
in the Adriatic Sea area

- polyhaline shallow coastal sea-grained sediment
- Decision on characterization of surface and ground water, reference conditions and parameters for the evaluation of water and monitoring of water (Official Gazette of FBiH, Nos. 1-14)-

Tip	Sal (PSU)	Dubina (m)	Supstrat
PM 1 Polihalino plitko priobalno more sitnozrnatog sedimenta	< 35	< 40	sitnozrnati sediment



Trebišnjica and Neretva River Basin

REGIONAL SEA CONVENTIONS in BiH which include the marine waters:

- **Barcelona Convention**

The Convention for the Protection of Marine Environment and the Coastal Region of the Mediterranean of 1995

- **Protocol 2**-Prevention and Emergency Protocol (pollution from ships and emergency situations)
- **Protocol 3** -Land-based Sources and Activities Protocol,
- **Protocol 5**- Offshore Protocol (pollution from exploration and exploitation)
- **Protocol 6**-Hazardous Wastes Protocol
- ICZM Protocol** - in process of ratification.

- **International Convention for the Prevention of Pollution from Ships-**

- In the process of ratification-

- **United Nations Convention on the Law of the Sea**



MULTILATERAL AGREEMENTS FOR INLAND WATERS (and the Black Sea Basin)

- Convention on the Protection and use of trans boundary watercourses and international lakes (the Helsinki Convention),
- Convention on cooperation for the protection and sustainable use of the River Danube,
 - *International Commission for the Protection of the Danube River (ICPDR)*
- Framework Agreement on the Sava River Basin
 - *International Sava River Basin Commission (ISRBC)*



LEGISLATIVE AND REGULATORY FRAMEWORK AND AGREEMENTS IN BiH

At state level:

There is no legislative or regulatory Framework related to marine waters.

At entity level:

FBiH

- The FBiH Law on Waters (Official Gazette of FBiH No.70/06)
- Law on Internal and Marine Sailing of FBiH (Official Gazette FBiH No. 73/05)

RS

The territory of the Republic of Srpska is landlocked and Coastal waters are not treated in the Law on Water in the Republic of Srpska

MONITORING SYSTEM

For now, in BiH there is a monitoring system **in line with WFD (partially)** .

Monitoring program and assessment system for the marine water quality is designed in line with positive legislation in FBiH and WFD requirements.

WATER QUALITY ASSESSMENT SYSTEM

Ecological status assessment

There are type specific class boundaries

- Decision on characterization of surface and ground water, reference conditions and parameters for the evaluation of water and monitoring of water (Official Gazette of FBiH, Nos. 1-14)-

BQE: Benthic macroinvertebrates, macroalgae and fish

Supportive parameters: Transparency, t^0 , Saturation $O_2\%$, Inorg.N, orto- PO_4 , TP

Chemical status assessment

Priority substances - in line with DIRECTIVE 2008/105/EC

MAIN PRESSURES

The main pressures which could affect the marine environment have been identified as **organic pollution**, **nutrient loads** and **hazardous substances**

The pressures are defined

- within RBMPs for Neretva and Trebisnjica - for the Adriatic Sea Basin-
- within Danube RBMP and Sava RBMPs - for the Black Sea Basin-



MAIN MEASURES in BiH

As a first step towards the establishment of the measures for the mitigation of the existing pressures and protection of marine environment is transposition and implementation of the WFD and the other relevant directives:

- UWWT Directive
 - Nitrates Directive
 - Sewage Sludge Directive
 - Directive on EQS in the field of water policy (Directive 2013/39/EU)
 - Directive on industrial emissions
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- Technical instructions on BAT in the food industrial sectors
 - Recommendation on Best Agricultural Practice (BAP)
 - Measures to control diffuse pollution (soil and manure sample analysis, a parcel-specific field balance for each growing season and annual farm balance for N and P)
 - Reduction of phosphates by eliminating phosphates in detergent products

MAIN MEASURES through the International Agreements

Types of measures foreseen within the River Basin District for the protection of the marine environment:

The ICPDR's basin-wide vision for organic pollution is zero emission of untreated wastewaters into the waters of the Danube River Basin District.

The ICPDR's basin-wide vision for nutrient pollution is the balanced management of nutrient emissions via point and diffuse sources in the entire Danube River Basin District that neither the waters of the DRBD nor the Black Sea are threatened or impacted by eutrophication.

The ICPDR's basin-wide vision for hazardous substances pollution is no risk or threat to human health and the aquatic ecosystem of the waters in the Danube River Basin District and Black Sea waters impacted by the Danube River discharge.



Thank you for your attention



There's plenty of fish in the sea...



...sadly many of them look like this.