

Aquaculture governance and licensing procedure in Croatia

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Aquaculture production 2017

Species	Quantity (t)
Seabass (<i>Dicentartus labrax</i>)	5.615,80
Seabream (<i>Sparus aurata</i>)	4.829,60
Bluefin tuna (<i>Thunnus thynnus</i>)	2.161,60
Other species	253,3
FINFISH TOTAL	12.860,30
European flat oyster (<i>Ostrea edulis</i>)	62
Mediterranean mussel (<i>Mytilus galoprovintialis</i>)	919,8
SHELLFISH TOTAL	981,8
MARINE AQUACULTURE TOTAL	13.842,10
Carp (<i>Cyprinus carpio</i>)	2.039,00
Rainbow trout (<i>Oncorhynchus mykiss</i>)	367,1
Other freshwater species	866,2
FRESHWATER AQUACULTURE TOTAL	3.272,30
AQUACULTURE TOTAL	17.114,40

Aquaculture Governance

- Main authority
Ministry of Agriculture (MA), Directorate of Fisheries (DOF)
- Main regulation
Aquaculture Law (AL)

Aquaculture Law

Aquaculture Law (2018):

- First unique aquaculture regulation
- Defines aquaculture as **strategic activity**
- Enables implementation of NSPA and Operative Program (EMFF)
- Enables better **horizontal compatibility** with other regulations related to aquaculture
- Enables **simplification** of administrative procedure
- Simplifies procedures for development of aquaculture zones for marine and freshwater aquaculture

Aquaculture by Laws

- *Ordinance on aquaculture licence*
- *Ordinance on training for aquaculture*
- *Ordinance on the Register of licenses for the use of alien and locally absent species in aquaculture, Introduction and translocation register and the List of closed aquaculture facilities*
- *Ordinance on criteria for the suitability of maritime areas for marine aquaculture*
- *Ordinance on the collection of statistical data for aquaculture*

Aquaculture licensing procedure

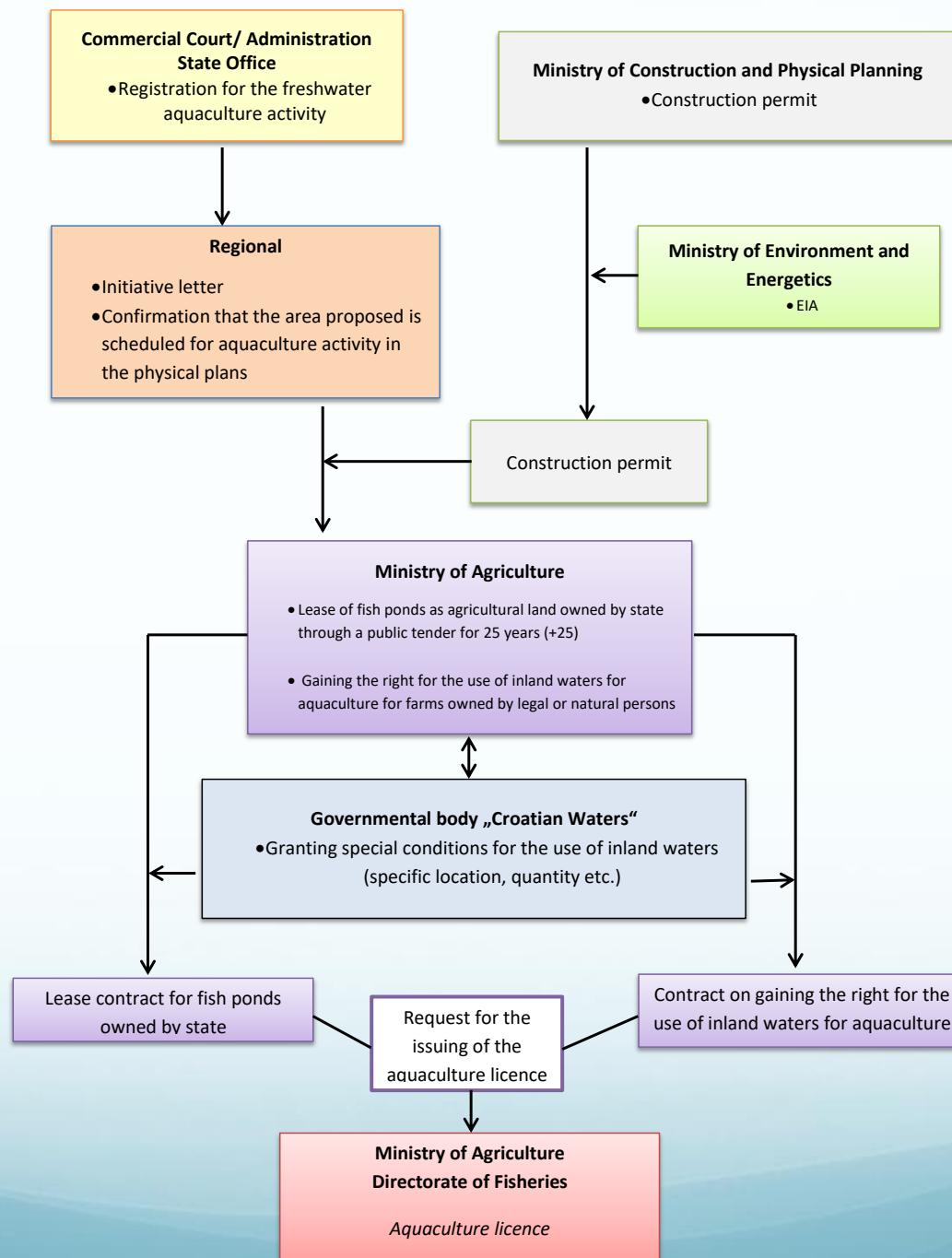
- **Aquaculture Licence - Ministry of Agriculture**
- **Construction/ Location permit or other corresponding act – Ministry of Construction and Physical Planning/ County**
- **EIA - Ministry of Environment and Energetics/ County**
- **Lease of ponds on state property and/or gaining the right to use inland waters for aquaculture - MA**
- **Concession of maritime area - County/ Government**

Legislative framework

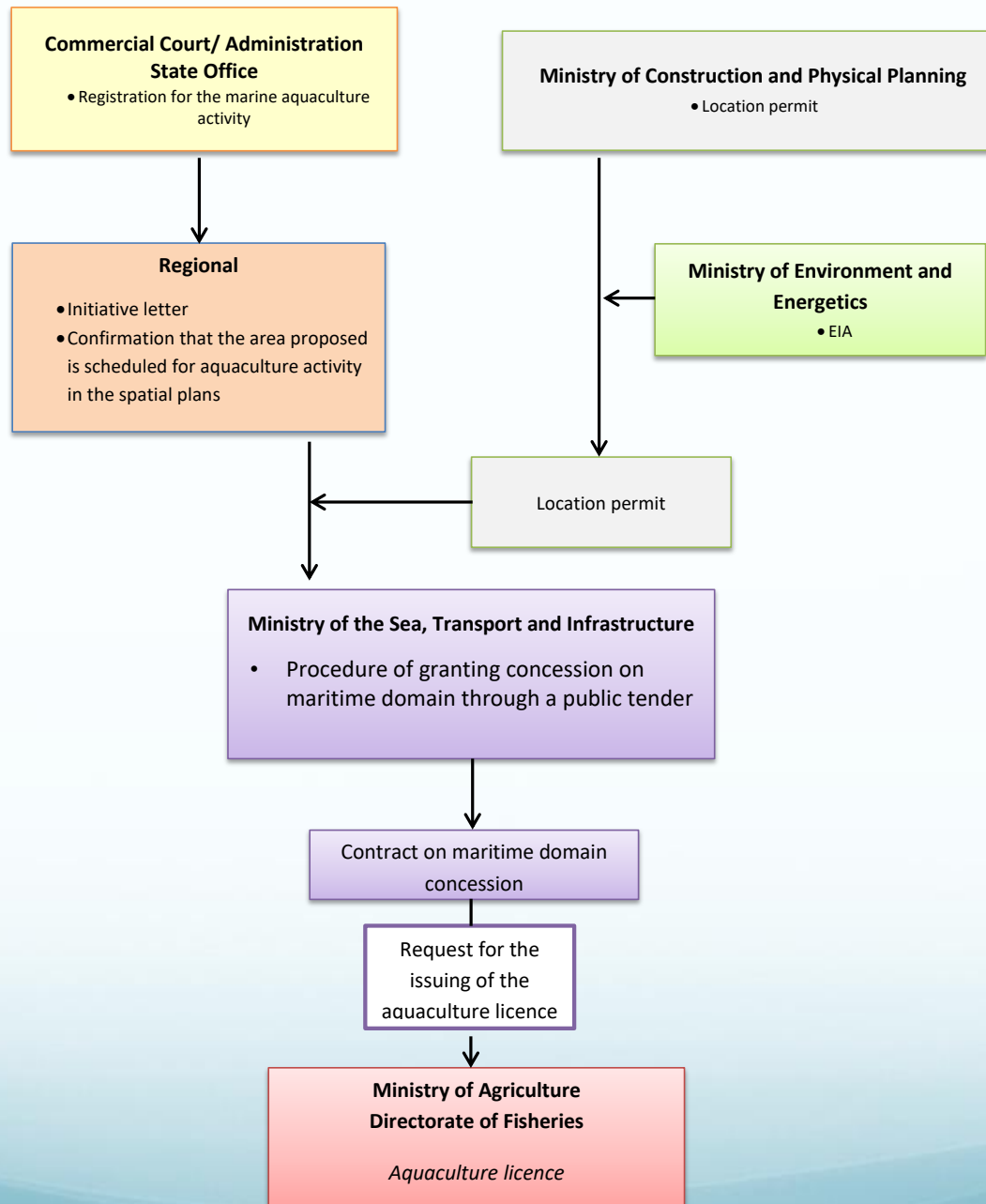
- Physical Planning and Construction Law
- Environmental and Nature protection Law
- Maritime Law
- Waters Law
- Agricultural Land Law

<https://ribarstvo.mps.hr/default.aspx?id=5070>

FRESHWATER LICENCING PROCEDURE



MARINE LICENCING PROCEDURE



AQUACULTURE LICENCE

- **Data in the aquaculture licence:**
 - farmer data
 - farm data (name, size, position...)
 - species farmed
 - duration of licence
 - number in the registry on aquaculture

Register of aquaculture licences: <https://ribarstvo.mps.hr/default.aspx?id=415>

Alien and locally absent species

- Licence on the use of alien and locally absent species in aquaculture
- Reg. EC No. 708/2007 concerning use of alien and locally absent species in aquaculture
- Register of licences on the use of alien and locally absent species in aquaculture

Aquaculture zoning

- 21 administrative regions – Counties – 21 physical plans
 - Necessary approval and consent of all ministries in the government
 - Public hearing
- Coastline Counties- define aquaculture zones (AZ)
- Bylaw defining basic AZ criteria
 - Site selection criteria: salinity, depth, seabed, currents ...
- Inland Counties – define aquaculture sites as agricultural land, construction sites or water surface



Regions of Croatia

- | | |
|-----------------------------------|--|
| 1. Istria County | 10. Pozega and Slavonia County |
| 2. Rijeka County | 11. Virovitica and Podravina County |
| 3. Karlovac County | 12. Osijek and Baranja County |
| 4. Zagreb County | 13. Sisak and Moslavina County |
| 5. Krapina and Zagorje County | 14. Slavonski Brod and Posavina County |
| 6. Varazdin County | 15. Vukovar and Srijem County |
| 7. Medjimurje County | 16. Lika and Senj County |
| 8. Koprivnica and Krizevci County | 17. Zadar County |
| 9. Bjelovar and Bilogora County | 18. Sibenik and Knin County |
| | 19. Split and Dalmatia County |
| | 20. Dubrovnik and Neretva County |
| | 21. The City of Zagreb |

PROBLEMS

- Too long time to obtain location permit and EIA
- Too long time to obtain maritime area concession
- Too long time to complete the procedure for obtaining inland waters and land usage for new farmers

POSSIBLE SOLUTIONS

- Based on the AL Croatia is undergoing through revision of all existing aquaculture licences
- Through revision DOF is strengthening horizontal administrative connections
- This revision is increasing farmers' awareness of their responsibility related to responsible aquaculture
- Final goal is to simplify and speed up procedures which are still remaining as bottle-necks



Thank you for your
attention!

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