

# Reaching Success

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SVENSK FISKODLING AB

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11-nov-2015

# Reaching Success

- Load of necessary regulations
- Fair play
- Crazy regulations



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Definition of success:

Do your business, fulfil regulations,  
earn money, pay tax



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# Reaching Success

Definition of success :

Do your business, fulfil regulations,  
earn money, pay tax

and maybe

use some of your earnings to improve  
the sustainability of your business



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# Definition of sustainable aquaculture ?



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# Definition of sustainable aquaculture ?

according to the Swedish board of Agriculture

Your aquaculture is sustainable if:

**you have a licence and you follow the regulations**



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What kind of regulations do we find necessary in Sweden?



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# Local Authority

1. licence for using up to 40 ton of feed yearly
2. licence for environmental impact
3. inspection of environmental impact
4. building licence
5. licence to use ground water
6. inspection of hygiene in ice-machine, refrigerators and freezers



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# County Board

1. licence for using more than 40 ton of feed yearly
2. licence for type of fish you want to farm
3. licence to be primary producer
4. inspection of primary producer
5. inspection of animal welfare



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# the Swedish board of Agriculture

1. registration and inspection fish veterinary
2. licence to transport fish
3. licence to import live fish and eggs
4. licence to export live fish and eggs



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# National Food Agency, Sweden

1. licence to process fish to food
2. inspection of fish processing area



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then add the Swedish standards on salaries, tax and labour law such as maternity leave and pensions

Conclusion:

food production, meeting all this criteria, probably is among the best, the most sustainable and the most secure food in the world



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This together is a load of work hours for the farmer and you have to pay fees for inspection. So it has an additional cost on the fish

This cost could be significantly lower if all inspections could be on the same day.

**So please authorities !**

**Synchronize**



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How much is the extra cost to just fulfil Swedish standards ?

and on top of this improving sustainability, maybe go organic

**But who is paying ?**



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Not the Swedish consumer who look at the low price

and public procurements, guidelines exist but are not mandatory

the last public procurement on fish for schools in Stockholm had a sole criteria for fish "net weight should be given without ice"

how can Swedish producers compete with imported fish that are not produced under the same conditions ?

we can't, Sweden import most of the seafood !



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**So please consumer !**

**Fair play !**

**If you want good food, you have to pay the price !**



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Crazy regulations !



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## Organic production

The overall aim is that the animal should have conditions as like as possible in the wild.

On obstacle for RAS to be organic is that you are not allowed to recirculate water



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Compare RAS to a lake



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Compare RAS to a lake

HRT – Hydraulik Retention Time

- HRT RAS fish tank = 1 hour
- HRT RAS system volyme = 14 days
- HRT lake Mälaren = 1 000 days
- HRT Malgomaj = 600 days



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## Compare RAS to a lake

- Inlet
- Outlet
- Partikelseparation
- Nitrifikation
- Gas exchange
- recirculation



# Reaching Success

- Load of necessary regulations – **Synchronize**
- Fair play – **pay the price**
- Crazy regulations – **take away**



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**Thank You !**



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