

Safe fish and fishery products can only come from healthy waters



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Aquatic Food Web: Bioaccumulation

Personal Pollution



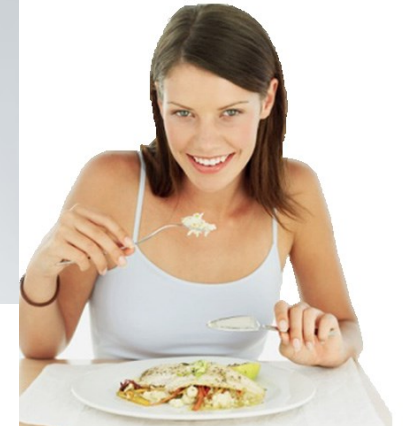
Foodborne illness



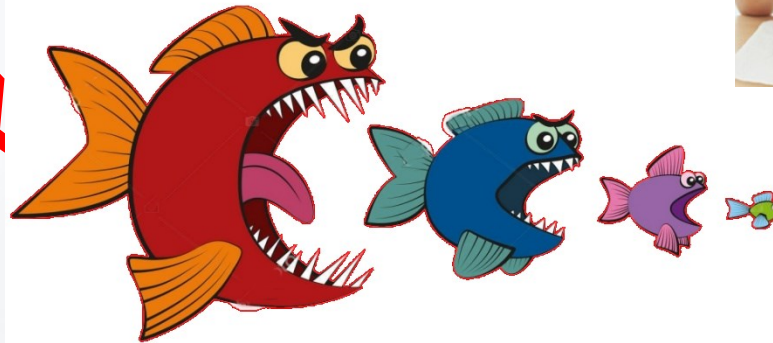
Industrial Pollution



We eat Fish and Contaminants



Fish accumulate
Contaminants



Are our current controls failing ?



Surveillance/Monitoring is Essential

Shellfish Sanitation Programmes



**Control of sewage pollution
(Shellfish Waters Directive 2006/113/EC)**



**Classification and monitoring
of harvesting areas Reg EC 854/2004**

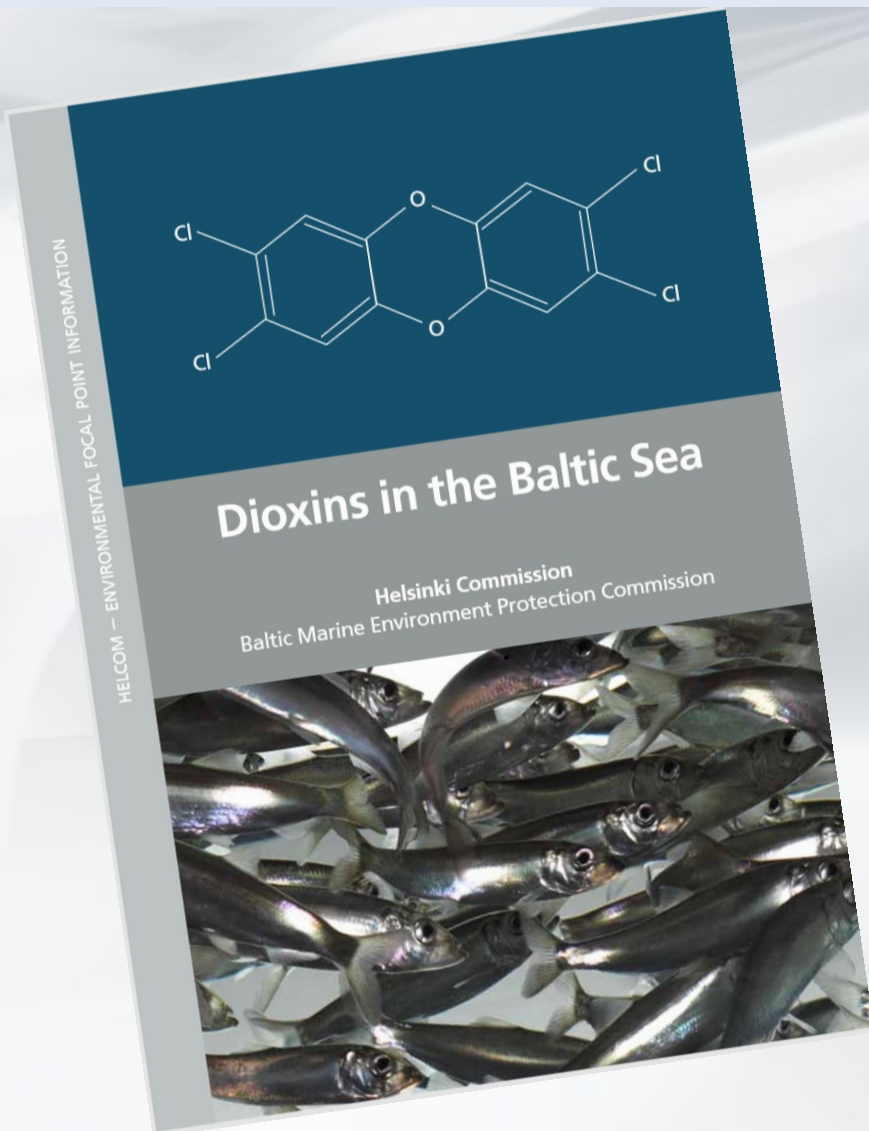


**Commercial processing (depuration,
relaying, cooking) Reg EC 853/2004**



**End-product controls (quality tests,
traceability) Reg EC 853/2004**

Chemical Contaminants



It's ironic really!

She could be eating yesterdays facewash!



Environment

All UK mussels contain plastic and other contaminants, study finds

British seafood fans likely to be consuming microplastics, but health effects remain unclear, researchers say



71% of Earth's surface is covered by water...

...and we are polluting it at an unsustainable rate!

We MUST;

- **Establish standards for marine and inland water quality**
- **Monitoring programmes for all water bodies**
- **Enforce regulatory standards for water quality**

...and we MUST do it urgently!

Global Action Required...



Control levels of
Pollution