



Ministry of Environment
and Food of Denmark
Department

Denmark's work on endocrine disruptors

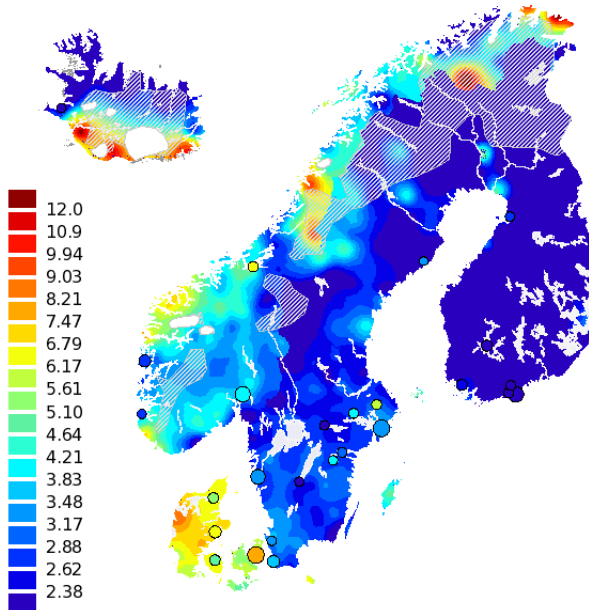
ED Forum
8th November 2019

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Head of Department,
Chemicals

Why Danish ED focus?

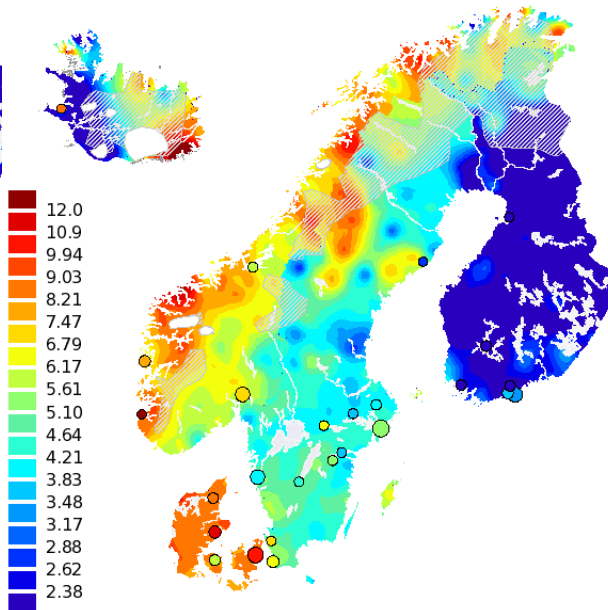
Testicular cancer, 1970-1976

Incidence / 100,000.



Testicular cancer, 1986-1991

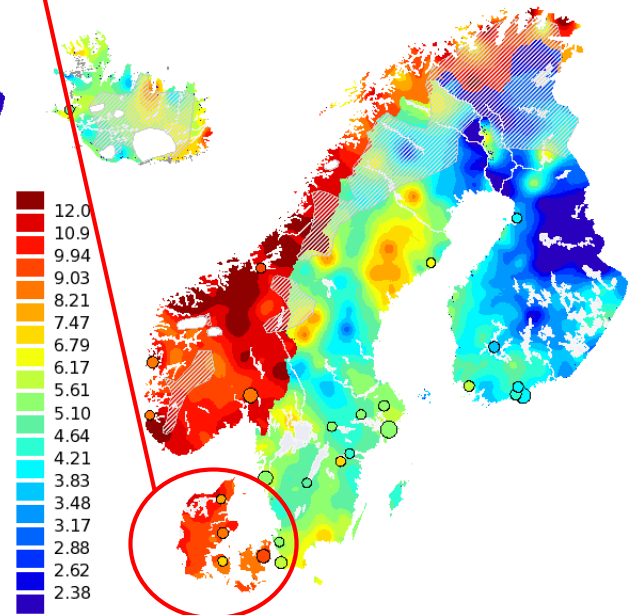
Incidence / 100,000.



First National ED Strategy 2002

Testicular cancer, 1998-2003

Incidence / 100,000.



Heat map from presentation by Niels Jørgensen: <https://docplayer.dk/19670394-Daarlig-saedkvalitet-hos-danske-maend.html>



Current activities in Denmark



Research - Centre on Endocrine Disruptors (CeHoS)

- Exposure to phthalates and substitutes from 2009 – 2017
<https://www.sciencedirect.com/science/article/pii/S1438463919305711?via%3Dihub>
- Fungicides effects on male reproduction and hormone levels
<https://doi.org/10.1016/j.envpol.2019.113309>
- *In vitro* profiling of organofosphate-flame retardants
- *In silico* (QSAR) grouping PFAS for assessment of mixture effects

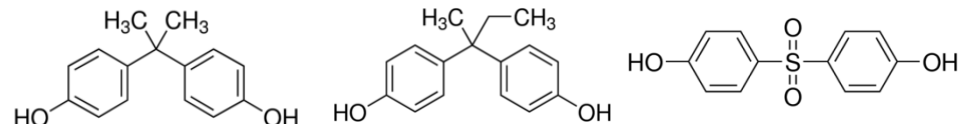
Test method development

- Update/development of OECD TG for detection of ED properties
- Horizon 2020 projects with focus on the thyroidal-hormone-system and female reproduction: ERGO, ATHENA and FREIA



Regulatory initiatives

- Five active substances assessments ongoing – one finalised
- Three substances under consideration as SVHC due to ED properties
- National ban of PFAS in food contact materials of paper and card board
- Transparency on ED-assessed substances



What would we need in the EU?

- **New ED strategy and action plan with concrete targets**
- **Match ED criteria and data requirements**
- **Update data requirements to reflect new knowledge**
- **Approach EDs as other SVHCs – considering ED specifics**
- **Establish dynamic lists of EDs and suspected EDs**
- **Systematic assessment and management of groups**
- **Uncertainties specific for EDs need to be taken into account for risk assessment of EDs**



Thank you for your attention.



Henrik Søren Larsen

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