

Ongoing activities and perspectives for toxicology in

CENTER FOR HORMONFORSTYRRENDE STOFFER

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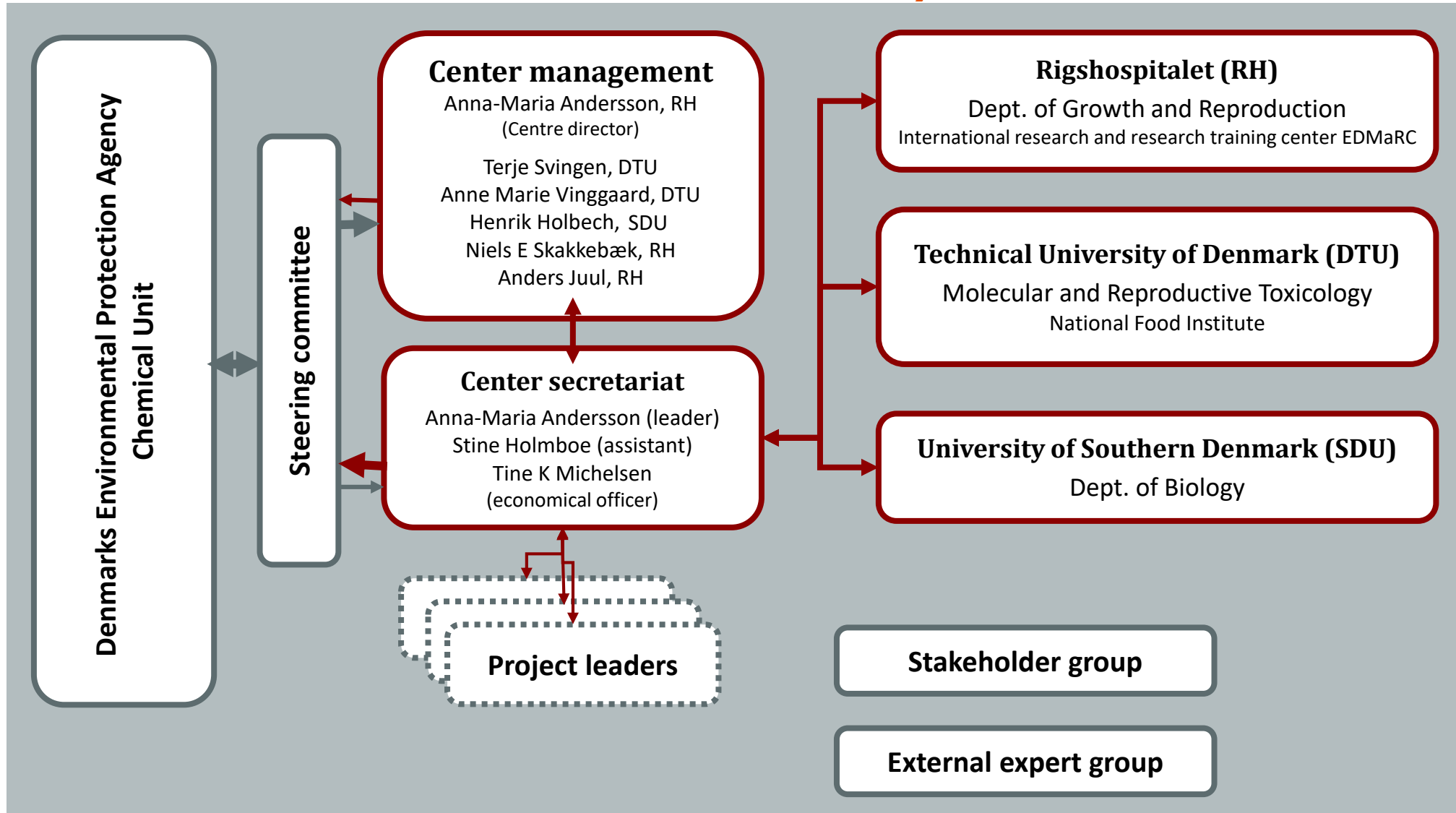
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CENTER FOR HORMONFORSTYRRENDE STOFFER

- Center without walls
 - Interdisciplinary scientific collaboration between research groups at Copenhagen University Hospital (Rigshospitalet), Technical University of Denmark, and University of Southern Denmark
- on the national financial bill since established dec 2008
- report directly to the Danish Environment Protection Agency (DK-EPA)
- Main purposes:
 - to build and gather new knowledge on human health effects of endocrine disrupters with focus on information needed for the preventive work of the regulatory authorities
 - to point out important knowledge gaps and provide recommendations for future knowledge building initiatives

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Research & knowledge gathering activities

Partner-initiated projects

Agency-initiated projects

f.ex. on

mechanisms of endocrine disruption in laboratory models
 biomonitoring of exposure to EDCs
 exposure-health association in humans
 identification of new (cross-species) effect biomarkers
 new/better test methods for the identification of EDCs
 literature search on specific chemicals

2008-2021: >75 projects

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Dissemination activities

Publication of original research papers

Publications of reports

Copenhagen Workshop on Endocrine Disruptors

Annual internal Center science workshops

Sharing of new reports/new published data within the Center and with DK-EPA

Annual information meetings

CENTER FOR HORMONFORSTYRRENDE STOFFER 2022-2025

- Same set-up and organization expected
- All three partners in CeHoS will also be active in PARC
- Future activities will involve:
 - Biomonitoring of human exposure to EDCs
 - Investigation of exposure-health effects associations related to endocrine disruption
 - Mechanistic studies in animal and *in-vitro* models on the endocrine disrupting effects of man-made chemicals
 - incl. cross-talk between endocrine systems
 - Identification/validation of new effect biomarkers (cross-species)
 - Development/optimization of tests for identification of EDCs
 - Contribute to develop AOPs related to endocrine disruption

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