

NKS in context of RADWORKSHOP 2018

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Scope of RADWORKSHOP 2018:

Focus on methods for radioanalytical chemistry for ‘difficult to measure’ radionuclides in decommissioning and waste management.

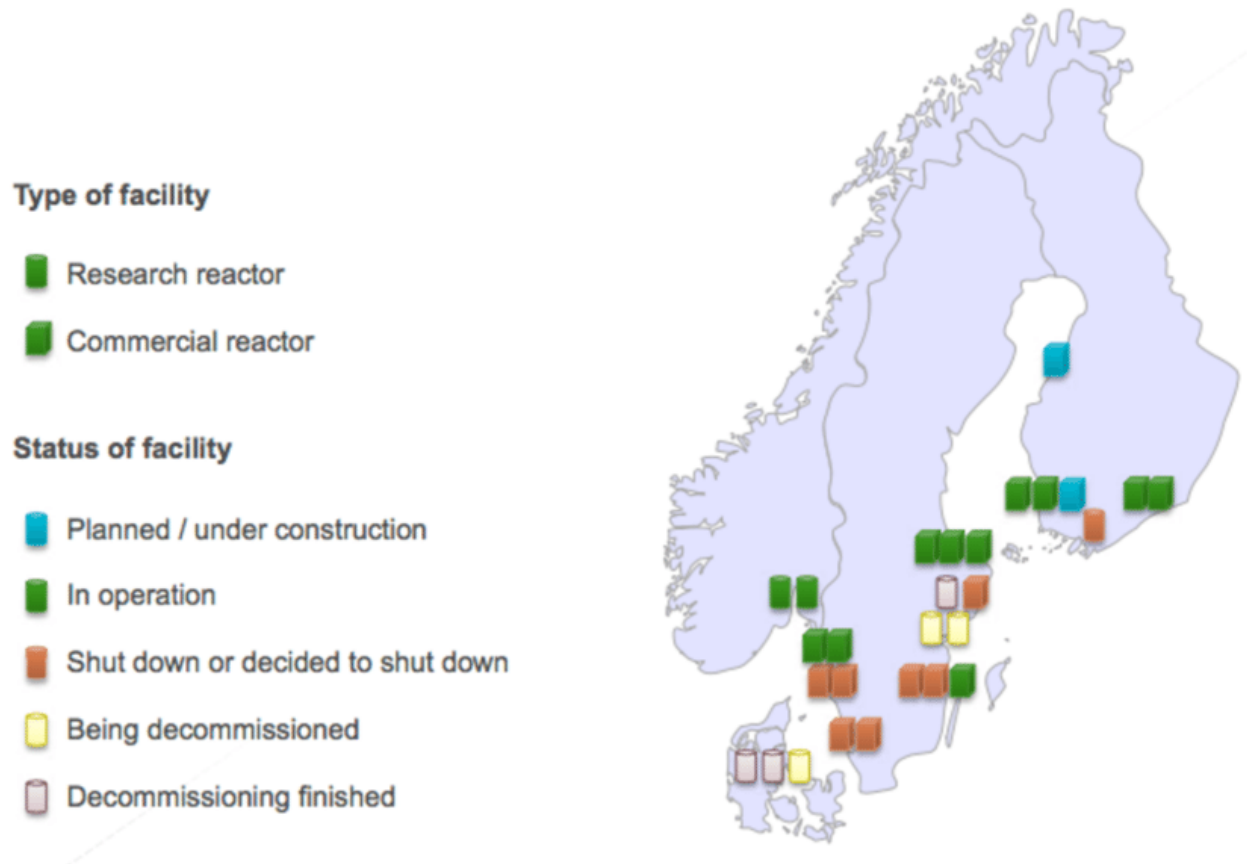
Currently 129 operating nuclear reactors in the European Union – average age around 30 years.

As of January 2016, 90 nuclear power reactors had been shut down permanently in Europe, but only 3 fully decommissioned.

Swedish reactors being decommissioned

| Reactor | Type | Net capacity MWe | Commercial operation |
|--------------|----------|------------------|----------------------|
| Ågesta | Prot HWR | 10 | 1964 - 1974 |
| Barsebäck 1 | BWR | 600 | 1975 - 1999 |
| Barsebäck 2 | BWR | 600 | 1977 - 2005 |
| Oskarshamn 2 | BWR | 638 | 1974 - 2013 |
| Oskarshamn 1 | BWR | 473 | 1972 - 2017 |

61 NKS reports on decommissioning issues are freely available on www.nks.org



Nordic decommissioning status (source: Nystad et al. (2018) – NKS report 404)

NKS in short

NKS (Nordic Nuclear Safety Research) is a forum for Nordic cooperation and competence in nuclear safety, including emergency preparedness, serving as an umbrella for Nordic initiatives and interests.

NKS runs joint activities of interest to financing organisations and other end users producing seminars, exercises, scientific articles, technical reports and other types of reference material.

Two Programmes running activities: NKS-R (nuclear reactor safety, etc.) and NKS-B (nuclear/radiological emergency preparedness, etc.)

Financing and support comes from Nordic authorities, companies and other organisations.

Results should be practical and directly applicable for use by participating organisations in their decision making processes and information activities.

Annual NKS Call for Proposals for R&D projects

- Call typically announced around 1st of September
- Deadline: typically around 15th of October (also this year!)
- Foreseen project start: January next year (one year contract at a time)
- Typical annual NKS project funding total of about 1 MEuro
- Final project reports and further information available for free on www.nks.org

Who can participate?

Organisations such as universities, research centres, institutes and companies in the Nordic countries can apply for NKS funding for research activities. The activity budget should distribute the NKS funding between participant organisations from at least 3 Nordic countries (in some special cases, involvement of only 2 Nordic countries has been accepted in the NKS-R programme). Non-Nordic participation in NKS activities is possible, but NKS funding of Non-Nordic organisations is not possible. The activity leader must come from a Nordic country (i.e. work for a Nordic organisation).

SEMINAR ANNOUNCEMENT

Nordic Nuclear and Radiation Risk Estimates - Advances and Uncertainties

Joint NKS-R and NKS-B Seminar, Finlandshuset, Stockholm, 15-16 January 2019

Registration is open at www.nks.org. No registration fee.

The seminar will examine the current state of Nordic development in risk estimation, both in relation to nuclear power production and in relation to radiation exposure in different other contexts, and particularly discuss recent advances, uncertainties, ideas for improvement and potential future NKS activities.

Several prominent key speakers, including Claire Cousins (Chair of ICRP).

There will be a long session on **decommissioning and associated challenges.**

WELCOME TO STOCKHOLM IN JANUARY 2019 !!!
