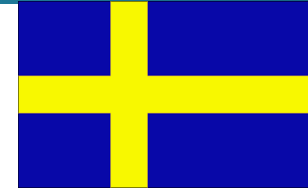


SWEDEN
COUNTRY REPORT

Presented by: *Monica Bowen-Schrire*
WIN Sweden President



Electricity share (percent of nuclear)

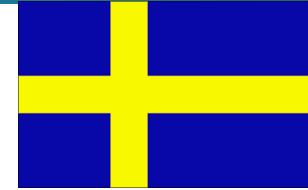
- Nuclear power accounts for about 50 % of Sweden's electricity
- Hydro and nuclear account for most of Sweden's electricity

Nuclear equipment (number and type)

- 10 power-generating reactors
- 7 BWRs, 3 PWRs

Energy policy

- 2010 is no longer the deadline for the phase-out of nuclear power
- Barsebäck NPP's 2 reactors shut down
- Power uprating and modernization at NPPs



Safety

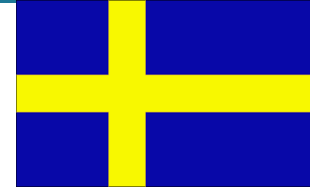
- Action plan implemented following incidents at Forsmark NPP, 2006

Public opinion

- Decline in confidence in nuclear due to Forsmark NPP incidents and incidents at Vattenfall's German NPPs

Nuclear waste management policy

- Repository site investigations underway at Östhammar and Oskarshamn
- Applications for siting and construction permission to be submitted in 2009



Competences

Swedish Centre for Nuclear Technology (SKC):

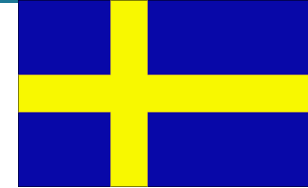
3. Encourage students to study nuclear
4. Meet recruitment needs of sponsors through basic education, continuing education and research
5. Provide attractive education in nuclear
6. Create recognized research groups in vital and unique areas
7. Ensure that universities have necessary organization and skill for teaching and research



Competences

Sponsors:

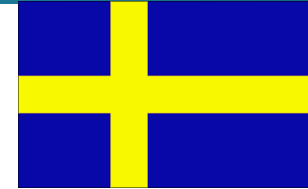
- Forsmarks Kraftgrupp AB
- Ringhals AB
- OKG AB
- Westinghouse Electric Sweden AB
- Swedish Nuclear Power Inspectorate (SKI)



Competences

SKC's focus areas:

- Thermal hydraulics
- Core physics
- Core and plant dynamics
- Chemistry
- Material physics and engineering
- Safety and severe accidents
- Reactor diagnostics
- Detectors and measurement
- Safeguards
- Fuel technology



WIN Sweden – Achievements in 2007

- Website www.winsverige.se
- New WIN Global Charter
- PIME 2007 in Milano, Italy
- Local seminars at Ringhals and Oskarshamn
- Cooperating with Pink Ribbon for Breast Cancer Association
- Contacts with politicians
- AGM, Forsmark, October 2007
- WIN Sweden has 179 members (May 2008)