



Strål
säkerhets
myndigheten
Swedish Radiation Safety Authority

Capacity building – The current Swedish context

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*ENSREG Conference 24-25 June 2024
Session 2 – Capacity building*



The situation 2024 – Continuity and increased activity

- The general context – extensive nuclear activities and mature stakeholders.
- There is much going on :
 - Life-time extension expected for existing reactors;
 - Possibility of new nuclear reactors;
 - Ongoing large-scale decommissioning and dismantling;
 - Ongoing licensing of final repositories for waste and spent fuel;
 - Possible uranium mining.
- Competence and capacity building has been in focus for quite some time
 - ... even more in recent years with new nuclear becoming a political priority.
- Recruitment situation has been challenging for quite some time
 - ... even more so if and when decisions are taken to build new nuclear reactors.



Some approaches for capacity building

- It's a shared challenge – establishment of co-operation fora
- Increasing the outreach – looking in new places
- Getting new staff on track – adaptation of training
- Improving external support – the national Technical Support infrastructure



It's a shared challenge – establishment of co-operation fora

- SSM, the industry and other stakeholders are largely sharing the same challenge
- Making use of existing national co-operation organisations
 - ...including changing the way they work to better address issues with competence and capacity building.
 - SKC - Swedish Centre for Nuclear Technology (members: SSM & industry)
 - Research focus maintained but activities extended to also address general competence issues
 - Swedish national strategy for radiation safety competence
 - Swedish National Competence platform (co-ordinated by SSM)



Increasing the outreach – looking in new places

- Interaction with academia – format and fora
- Extending the geographical outreach
- Professional background – go outside nuclear
- Increase sector visibility – joint undertaking



Location of future SSM office in Gothenburg



Getting new staff on track – adaptation of training

- Programmes at institutions of higher education
- Internal training programmes at authority and industry
- Training of personnel with non-nuclear background
- Co-operation on national level – authority/industry



Improving external support – the national Technical Support infrastructure

- Sweden has no Technical Support Organisation (TSO) for nuclear safety and nuclear technology.
- This has always been a challenge
 - basically handled with work-arounds, and
 - has worked reasonably well
- In the face of new nuclear, the Government has initiated an investigation into possible ways forward.





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