

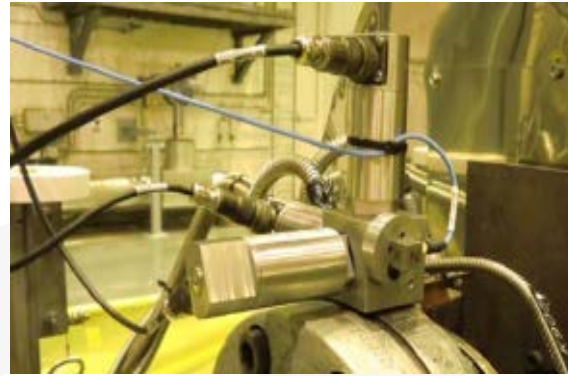


# What is Energiforsk?

- Facilitates and communicates R&D through collaborative actions
  - Energy industry
  - Authorities
  - Suppliers, universities, consultants etc
- Owned by trading- and transmission organizations for electricity, heat and gas
- Active in the entire field of energy
  - Activities defined from industry needs
  - Close collaboration with financiers
  - From PhD to applied projects
- Visit [www.energiforsk.se](http://www.energiforsk.se) for more info



Digitalization  
Instrumentation &  
Control systems



Concrete & civil works  
Outlook & technology



GINO- grid  
interaction  
RPV embrittlement



Vibrations  
Polymers





# Polymers in nuclear

- Past activities:
  - COMRADE – collaboration with SAFIR
  - Educational material for polymers in nuclear by Dr Sue Burnay
  - Annual conferences
- Present activities:
  - SAMPO – collaboration with SAFIR
- Future activities:
  - Feasibility study – is there a need for a full Energiforsk R&D program on polymers?



# SAMPO



WP1 - Acceptance criterion and safety margin assessment



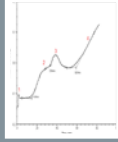
T1.1 – Improved estimation for lifetimes of critical polymer components



T1.2 – Sensitivity of polymer properties to additive content and methods to verify polymer quality



T1.3 – Setting up safety margins for O-rings



WP2 - Improvements in ageing management of polymer components



T2.1 – Online condition monitoring techniques



T2.2 – Sensitive analysing techniques



T2.3 – Improved interpretation of non-destructive testing data



T2.4 - Sealants applied inside containments



WP3 - International cooperation



T3.1 – Polymer ageing in NPP applications – event organization