



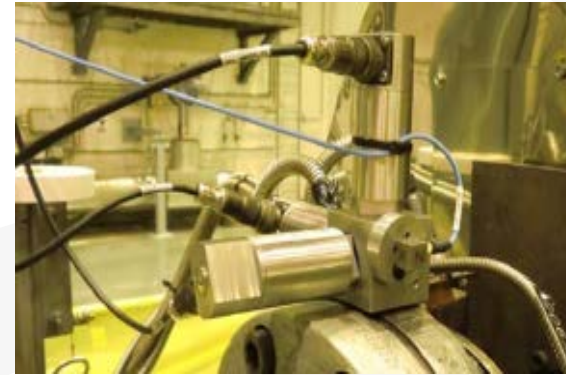
What is Energiforsk?

- 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 for more info



Digitalization

Instrumentation & Control systems



Concrete & civil works

Outlook & technology



GINO- grid interaction

RPV embrittlement



Vibrations

Polymers



Stakeholders:





Vibrations in nuclear applications

- Vision: Reduce production losses caused by vibration related problems
- R&D and practical information exchange
- Time frame 2019-2021
 - New phase 2022-2024 under discussion
- Program volume 1 MSEK/year
- Focus areas:
 - Digitalized vibration management
 - Technical challenges
 - Implementation and knowledge transfer
- Results
 - Reports can be downloaded from www.energiforsk.se
 - Seminars
 - Tools/guidelines



Ongoing activities

- Excel DIAM into tablet/PC version, thesis worker Henri Sjöberg, Elomatic
- Lectures on turbines and generators, Prof. Rainer Nordmann
- Mapping of pump vibrations, ongoing procurement

WHY a program on vibrations?

- Challenges
 - Knowledge among partners
 - Lack of requirements/standards
 - Load follow
 - Exchange of components
- The program facilitates
 - Knowledge increase
 - Knowledge transfer
 - Collaboration

