

## Invitation to workshop project SPARE

As a consequence of the Halden reactor shut down in 2018 and planned decommissioning of IFE's PIE facilities all fuel tested within the Halden Reactor Project (HRP) is risking becoming waste after 2020.

The multilateral project SPARE is proposed by Studsvik as a joint effort among the nuclear industry to secure the highest priority HRP fuel for future research and experiments in a cost-efficient way.

Since time is short and prompt actions are required to secure fuel in Norway, Studsvik offers to arrange a workshop aiming to set priority of what HRP-fuel to be secured.

### Workshop objective:

Mutual understanding of SPARE content and project structure including funding.

Prioritize what fuel to be saved within SPARE.

Set fuel inventory for the required SPARE transports from Halden/Kjeller to Studsvik including time frame for transportations.

Identify ideas for future research.

### Date and venue

The workshop is scheduled for **March 12-13, 2020**, starting at 9.30 and ending at 13.00 the following day. The meeting will be held at the conference center *Citykonferensen* in central **Stockholm, Sweden** (<https://www.citykonferensen.se/en/>).

Web-conferencing will be arranged to enable remote participation but Studsvik encourages all to participate the meeting in person since the workshop will be interactive.

### Nuclear industry input

All organizations interested in becoming a member of project SPARE are welcome to the workshop.

Studsvik expects organizations with specific interests in the HRP fuel to prepare their priority and motivation. Ideas of continued research using the HRP fuel are also encouraged.

## Registration and special food

If you have not already registered your organization's attendance and if you have special food requirements, please send

- Name(s) of representative(s) from your organization
- If you are attending workshop in person or via web
- Special food requirement

to [spare@studsvik.com](mailto:spare@studsvik.com) no later than **February 28<sup>th</sup>** to secure a seat at the workshop.

## More information

Any questions about SPARE or the workshop can be addressed to [spare@studsvik.com](mailto:spare@studsvik.com) or by contacting

Carolina Losin (+46 7600 214 78) or Daniel Jädernäs (+46 7600 210 34).

We look forward to meeting you in Stockholm and your active participation in the workshop,



Carolina Losin

## SPARE workshop - Agenda

**Venue:** Citykonferensen (<https://www.citykonferensen.se/en/>), Celsius-room.

### Workshop objective:

Mutual understanding of SPARE content and project structure including funding.

Prioritize what fuel to be saved within SPARE.

Set fuel inventory for the required SPARE transports from Halden/Kjeller to Studsvik including time frame for transportations.

Identify ideas for future research.

### March 12, 09.30-17.00

- |       |   |
|-------|---|
| 09.30 | Welcome and workshop objectives (Studsvik)  |
| 09.45 | Securing the Halden Legacy: Enhancing the Outcome of the Halden Reactor Experiments (Carlo Vitanza)                   |
| 10.45 | SPARE proposal, content (Studsvik)  |
| 11.00 | <i>Coffee</i>   |
| 11.30 | SPARE proposal, project structure and budget (Studsvik)   |
| 12.15 | Proposed fuel inventory for SPARE (Studsvik/IFE)  |
| 13.00 | <i>Lunch (at the conference center)</i>   |
| 14.00 | Planned disposal route in Norway (Peter Bennett - NND)  |
| 14.30 | NRC perspective on SPARE (Lucas Kyriazidis – NRC)   |
| 15.15 | <i>Coffee</i>   |
| 15.45 | Technical proposals, future use of SPARE-material   |
| 15.45 | Future PIE on SPARE material (Jan Klouzal – UJV Rez)  |
| 16.15 | Proposal HALTED, <b>HALDEN</b> Thermal properties Experimental Determination (David Schrire -Vattenfall Nuclear Fuel) |
| 16.45 | Summary of the day (Studsvik)   |
| 17.00 | <i>End of day 1</i>   |

## **March 13 09.00-13.00**

09.00 Recap day 1

09.30 Group discussions

- Fuel inventory selection for transportation
- Technical proposals/ideas for SPARE material

10.30 *Coffee*

11.00 Presentation of group discussion conclusions and recommendations

12.00 Summary, workshop recommendations and conclusions

13.00 *Workshop end*