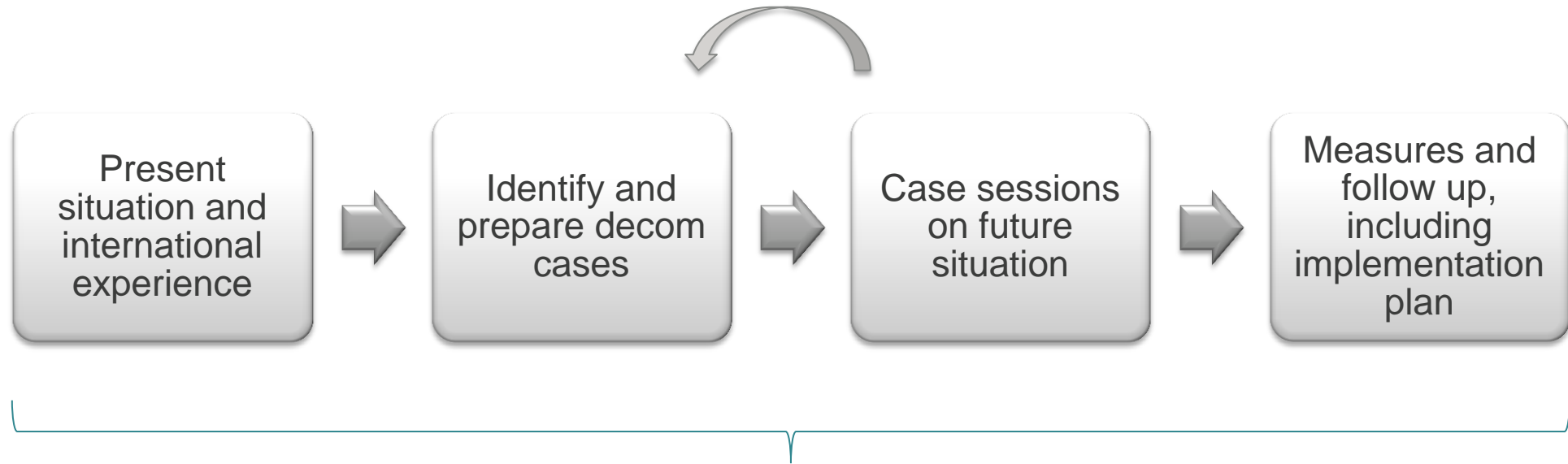# Decommissioning information management at IFE

Jan Erik Farbrot

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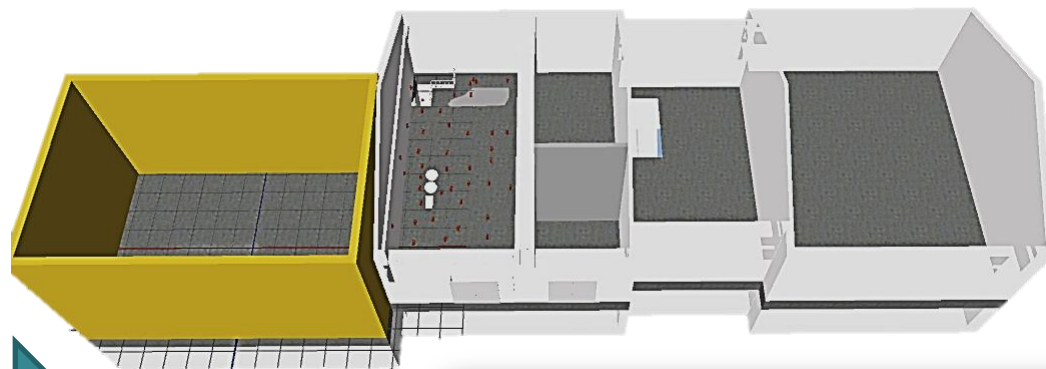
IFE

Information management

Have the <u>correct</u> information available <u>when needed</u>, <u>adapted to the task</u> at hand
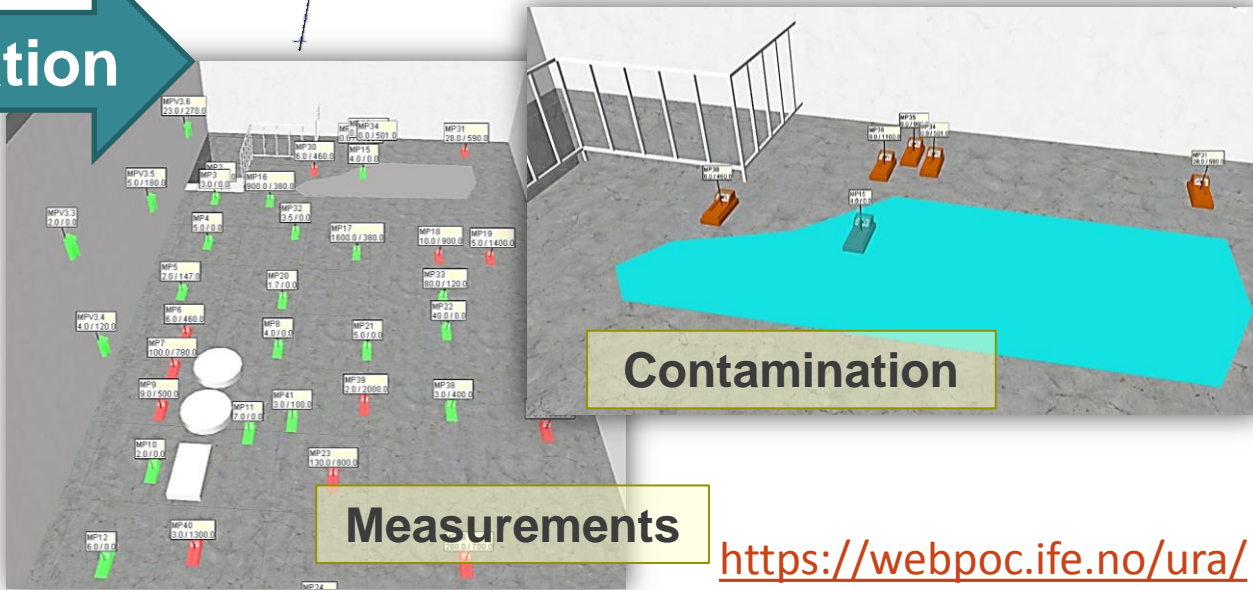
| Present situation and international experience | → | Identify and prepare decom cases | → | Case sessions on future situation | → | Measures and follow up, including implementation plan |

Common front-end information solution

Example: Uranium Reprocessing Facility

Digitalization

Documents

Measurements

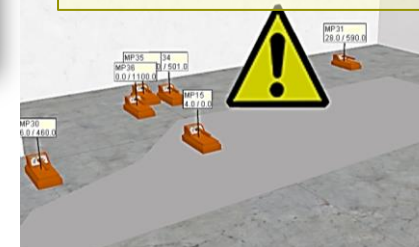**Contamination**

Notes (e.g. warnings)

https://webpoc.ife.no/ura/

A3 process

Present situation

- What is the problem/issue – the new mission?
- What is the consequence of the problem?
- How is it done by others with similar missions?
- What is new, and what will be continued?
- Why is it important to address this?

Wanted situation

- Which goals do we want to achieve?
- How do we measure this?
- What does the ideal situation look like?
- Which criteria should be fulfilled for the problem to be solved?

Analysis of the present situation

- Which underlying things are causing the problems?
- What are the key challenges – and why?
- What needs to be improved?

Measures and follow-up

- Which possible solutions are available?
- Which measures will lead us to the goal? Prioritisation
- Who should do what, and when?
- How to secure follow up?

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A3 process

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IDENTIFY & PRIORITISE CASES

0

Present situation
- What is the problem/issue – the new mission?
- What is the consequence of the problem?
- How is it done by others with similar missions?
- What is new, and what will be continued?
- Why is it important to address this?

MAPPING THE CASE
- Governing documents
- International experience
- Work process(es)
- Competence
- Systems/tools/information

1

Decom case process

3

Prepare decom case session

Goal and focus

Participants

Case description (one-page)

"Props": Tools, mock-ups etc.

Invite participants → **4**

Iterations

Decision basis

Wanted situation
- Which goals do we want to achieve?
- How do we measure this?
- What does the ideal situation look like?
- Which criteria should be fulfilled for the problem to be solved?

Decom case session
- Stage situations
  - "Act / play roles"
- Findings
  - People, governance, organisation/process, technology - capabilities
- Identify needs for additional iterations

Analysis of the present situation
- Which underlying things are causing the problems?
- What are the key challenges – and why?
- What needs to be improved?

ANALYSIS OF THE CASE
- Causes and contexts
- Weak/strong points
- Stakeholders

2

Processing Documentation

Measures and follow-up
- Which possible solutions are available?
- Which measures will lead us to the goal? Prioritisation
- Who should do what, and when?
- How to secure follow up?

RECOMMENDATIONS & MEASURES
- Capabilities
- Measures
- Plan for follow-up & measure of effect

5

6 **MEASURING THE EFFECT**

7 **COMMON (FRONT-END) INFORMATION SOLUTION**

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Potential outcome?

- Before and during decommissioning, the system will provide a clear overview and support in planning. Furthermore, being kept updated, anybody can view the planned activities, current status, etc., improving safety and efficiency.

- A 3D-based system may give a very clear, strong overview of current status etc., which in turn may help ensure nothing is missed or forgotten ("Why is that wall blank, are there no measurements?")