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International Atomic Energy Agency

Institute for Energy Technology

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HALDEN
KOMMUNE



European Commission
DG Research & Innovation
RTD Directorate C – Clean Planet
Unit C4 - Euratom Research



DigiDECOM 2026



September 21-25



Halden, Norway



NuclearSweden



Centre for
Energy Research



NuclearNEXT Deep Dive Workshop



Where nuclear innovation meets trust and real collaboration



A meeting point between Norway and the international nuclear community



AI, robotics and Digital Twins for deploying and managing the next nuclear lifecycle

DigiDECOM NuclearNEXT 2026

Deep Dive Workshop



Program Overview

Monday, 21 September 2026

09:00	15 min	Welcome
09:15	90 min	Session 1. Opening keynotes on the current nuclear landscape
10:45	30 min	Coffee break 1
11:15	90 min	Session 1. Opening keynotes on the current nuclear landscape, continued
12:45	60 min	Lunch
13:45	90 min	Session 2. The Norwegian context
15:15	30 min	Coffee break 2
15:45	30 min	Sponsor session
16:15	45 min	End-of-day chaired discussion

Tuesday, 22 September 2026

09:00	30 min	Sponsor session
09:30	90 min	Session 3. European and international R&D developments
11:00	30 min	Coffee break 1
11:30	90 min	Session 3. European and international R&D developments, continued
13:00	60 min	Lunch
14:00	90 min	Session 4. Multinational European Closed Fuel Cycle & Commercial Maritime Nuclear
15:30	30 min	Coffee break 2
16:00	90 min	Session 4. Multinational European Closed Fuel Cycle & Commercial Maritime Nuclear (continued)
17:30	45 min	End-of-day chaired discussion

Wednesday, 23 September 2026

09:00	90 min	Session 5. Human–Technology–Organisation Perspectives for Nuclear Systems
10:30	30 min	Coffee break 1
11:00	75 min	Session 6. From innovation to market-ready solutions
12:15	60 min	Lunch
13:15	90 min	Session 6. Demonstration and discussion session: from prototype to deployable solution
14:45	30 min	Coffee break 2
15:15	30 min	Sponsor session
15:45	60 min	Session 7. Nordic and international collaboration
16:45	45 min	End-of-day chaired discussion
19:00		<i>Gala dinner</i>

Thursday, 24 September 2026

09:30	90 min	Session 8. AI/LLM applications for nuclear data
11:00	30 min	Coffee break 1
11:30	90 min	Session 9. Political and societal aspects of renewed nuclear interest
13:00	60 min	Lunch
14:00	60 min	End-of-day chaired discussion
15:00	15 min	Closing remarks and feedback

Friday, 25 September 2026

09:00	~180 min	Optional laboratory visits in Halden <u>Participants must bring valid ID or passport!</u>
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