



Forsmark International Forum

The Forsmark International Forum (FIF) is a long-term knowledge-sharing and dialogue platform that enables organisations involved in radioactive waste management programmes to follow and learn from repository implementation in real time.

Through access to implementation experience from the Spent Fuel Repository and the SFR Extension projects at Forsmark, participants gain practical insight into licensing, engineering, procurement, construction and organisational development.

FIF combines digital knowledge sharing with expert interaction, webinars and site visits to support programme development, organisational readiness and informed decision-making.

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1. Learn from Repository Implementation in Practice

The Forsmark International Forum (FIF) provides a unique opportunity to follow, learn from and engage with SKB during the implementation of two major radioactive waste repository projects currently under construction at Forsmark, Sweden.

FIF is a long-term knowledge-sharing and dialogue platform designed for organisations involved in radioactive waste management programmes, including implementers, waste management organisations, regulatory authorities, technical support organisations and research institutions.

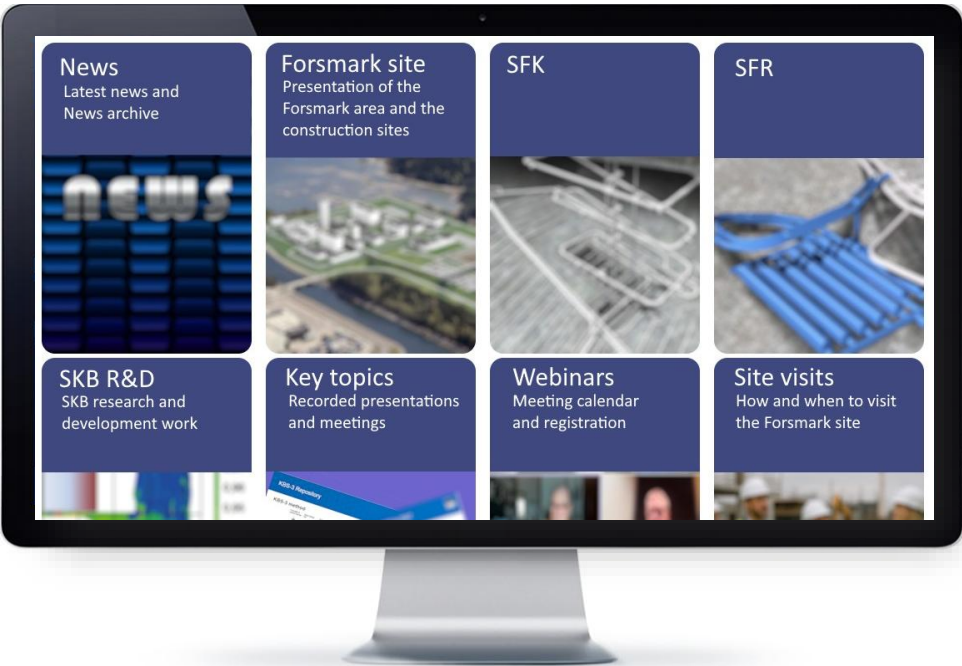
While many national programmes are currently planning, licensing or preparing future repositories, only a limited number have reached the implementation and construction phase. FIF offers participants a rare opportunity to gain direct insight into how key strategic, technical, organisational and regulatory challenges are addressed in practice.

Through continuous access to implementation experience, expert interaction, webinars and site visits, participants can strengthen their own programme development by:

- Reducing implementation and project risks
- Supporting licensing and regulatory preparations
- Improving planning, procurement and project execution strategies
- Strengthening organisational competence and readiness
- Learning from real-world challenges, solutions and lessons learned
- Benchmarking their own programme against an active repository implementation programme

FIF helps organisations bridge the gap between repository development and repository implementation by providing direct access to lessons learned, implementation experience and expert insight from an active repository programme.

2. How FIF Supports Your Programme



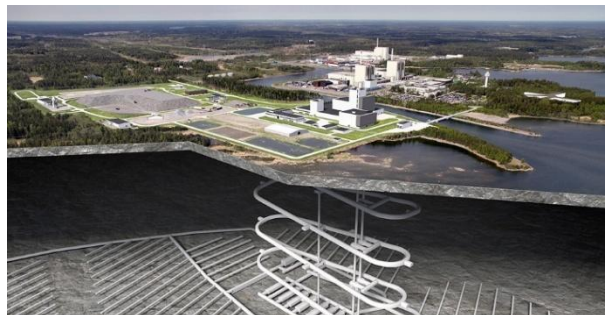
Participation in FIF enables organisations to incorporate practical implementation experience from the Forsmark projects into their own programme development. Lessons learned from licensing, engineering, procurement, construction and organisational development can provide valuable input for planning, decision-making and future programme milestones.

3. Unique Repository Implementation Portfolio

SKB is currently implementing two major repository projects at Forsmark:

Spent Fuel Repository

- Project duration:
approximately 10 years
- Total budget:
approximately €1.6 billion
- Scope includes construction, surface and underground infrastructure, systems development and operational readiness



Extension of the Final Repository for Short-lived Radioactive Waste (SFR)

- Project duration:
approximately 6 year
- Total budget:
approximately €350 million
- Focus on expansion of the existing repository, integration with ongoing operations, and phased construction



Together, these projects constitute one of the world's most comprehensive repository implementation programmes, providing valuable insight into both strategic decision-making and day-to-day implementation challenges. At present, very few radioactive waste management organisations worldwide have entered comparable repository construction phases. The Forsmark projects therefore provide a unique opportunity to observe repository implementation as it happens and to learn from decisions, challenges and lessons that may otherwise not become visible until much later in a national programme.

4. What FIF Covers

FIF covers the full spectrum of repository implementation activities, from programme management to construction and operational readiness.

Programme and Project Management

Programme governance and organisational development

- Roles, responsibilities and interfaces
- Knowledge management and competence development
- Planning, milestones and schedule management
- Risk management and occupational safety
- Procurement strategies and client-supplier partnerships

Construction and Engineering

- Construction of surface and underground infrastructure
- Shaft, tunnel and cavern excavation
- Repository logistics and operational planning
- Machinery and automation development
- Canister, buffer and backfill development
- Borehole sealing

Site Investigations and Data Management

- Investigations conducted during construction
- Data acquisition, handling and management
- Monitoring and site descriptive modelling
- Application of digital tools and AI

Regulatory, Stakeholder and Quality Management

- Licensing processes and regulatory requirements
- Stakeholder engagement and public communication
- Quality Assurance (QA) and Quality Control (QC)

5. How Information Is Delivered

FIF combines continuous digital access with direct interaction and practical learning opportunities.

The platform consists of:

- **Web-based knowledge portal** (core delivery channel)
- **Recorded Presentations**
- **Live interactive webinars**
- **Annual Forsmark site visit**

Web-based Knowledge Portal

The digital portal serves as the primary delivery channel for FIF content.

Participating organisations receive access through personal user accounts, providing secure and traceable access for authorised representatives. While access is managed through individual user accounts, participation in FIF is organisational, enabling knowledge transfer and internal dissemination within the participating organisation.

Portal content includes:

- Regular progress updates (approximately monthly)
- Overviews of the Forsmark site, facilities and construction plans
- Recorded presentations covering construction activities and R&D topics
- Written Q&A forum with SKB experts

All material is intended to support internal knowledge sharing and programme development within participating organisations.

Live Interactive Webinars

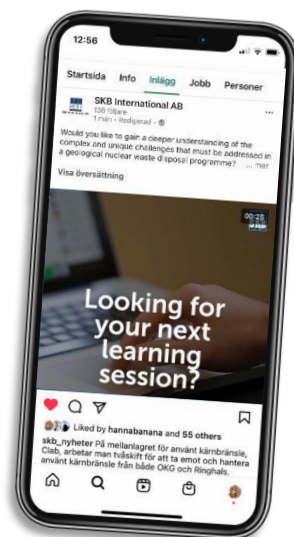
Two live webinars are conducted annually.

Typical duration: Approximately two hours

Purpose:

- Direct dialogue with SKB experts
- Discussion of recent developments and information updates
- Clarification of strategic, technical and organisational issues

These sessions create opportunities for participants to discuss challenges and compare experiences with an active repository programme.





Recorded presentations

Recorded presentations are uploaded regularly throughout the year.
Typical duration: 30 to 60 minutes

Typical topics include:

- Repository construction activities
- Engineering solutions
- Project management practices
- Research and development programmes
- Operational readiness activities
- Licensing and regulatory topics

Annual Forsmark Site Visit

An annual site visit to Forsmark provides participants with first-hand insight into repository implementation.

Format

- 1.5 day visit
- Observation of ongoing construction activities
- Presentations by SKB experts and project representatives
- Technical discussions and Q&A sessions
- Strategic Member Meeting (Tier 1)

Included

- Guided site observations
- Presentations and Q&A sessions
- Two lunches and one dinner

The site visit complements the digital content by providing direct exposure to implementation activities and opportunities for professional exchange.

6. Who should participate?

FIF is designed for organisations involved in developing, implementing, regulating or supporting radioactive waste management programmes.

Typical participants include:

- Waste management organisations
- Repository implementers
- Regulatory authorities
- Government agencies
- Technical support organisations (TSOs)
- Research institutes and universities

Participation is organisational rather than individual, enabling knowledge transfer and internal dissemination across project teams, technical experts and management functions.

FIF is designed as a long-term learning platform supporting:

- Better-informed decision-making
- Risk reduction
- Improved project planning
- Organisational development
- Licensing and regulatory preparedness

7. Membership Options

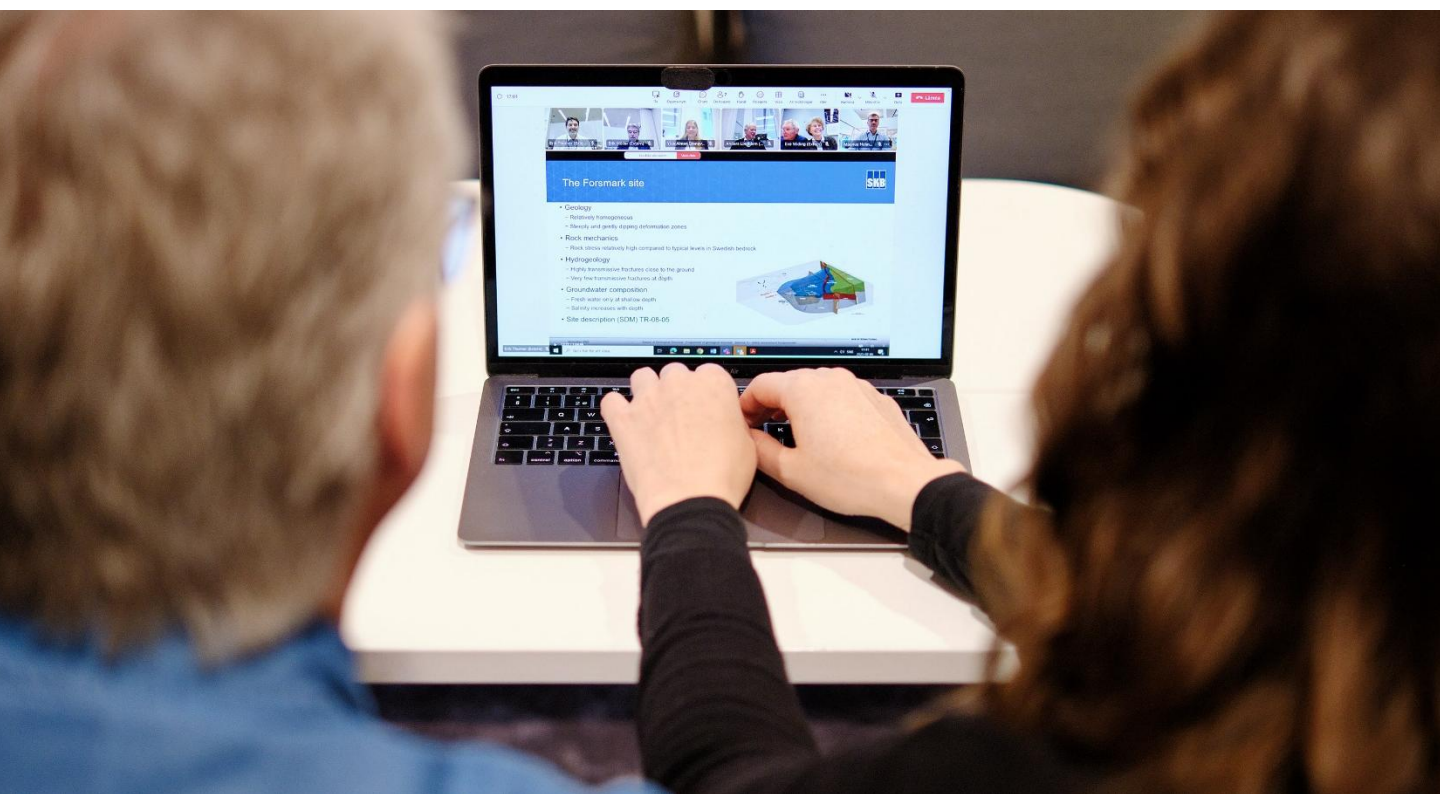
FIF offers two levels of participation, allowing organisations to select the level of engagement most appropriate for their programme needs and objectives.

Core Membership provides structured access to implementation knowledge, lessons learned and repository project information through the FIF digital platform.

Strategic Membership provides a more comprehensive level of participation by combining access to implementation knowledge with direct expert interaction, strategic dialogue and active engagement in the development of FIF.

In simple terms:

- Core Members follow and learn from repository implementation.
- Strategic Members follow, learn, engage in strategic dialogue and contribute to the future development of FIF.



Strategic Member (Tier 1)

For organisations seeking active engagement and strategic learning.

The membership is particularly valuable for organisations that want to use implementation experience from Forsmark to support strategic planning, licensing preparations, organisational development and future programme decisions within their own national programmes.

It is particularly relevant for organisations that:

- Are developing or advancing a national repository programme
- Wish to strengthen programme planning, organisational readiness and decision-making
- Are preparing for future licensing, design, procurement or implementation activities
- Seek opportunities for direct dialogue with experienced repository practitioners
- Want to benchmark their own programme against an active repository implementation programme

Strategic Member Includes:

- **Full access to all FIF content**
- **Direct dialogue with SKB experts** through interactive live webinars (2 per year)
- **First-hand insight** through annual Forsmark site visits, including observation of ongoing construction and in-depth technical discussions:
 - Up to eight participants per organisation
 - Local transportation, lunches and one joint dinner included
 - Travel and accommodation not included
- **Structured strategic dialogue** through participation in the annual Strategic Member Meeting, creating a forum to:
 - Propose and explore priority topics and themes
 - Review progress and implementation experience
 - Provide feedback and contribute to future development and content of FIF
- **Extended organisational access**, enabling broader internal learning and alignment
 - Portal access via personal user accounts for up to eight users per organisation

Strategic Membership is designed to support better-informed decisions, reduced implementation risk and costs, and stronger organisational readiness by learning directly from an active repository programme.

Core Member (Tier 2)

For organisations seeking efficient access to repository implementation knowledge.

It provides a cost-effective way to monitor implementation progress, access practical lessons learned and strengthen internal competence development through the FIF knowledge platform.

Core Membership is particularly suitable for:

- Organisations in earlier programme phases
- Research organisations and universities
- Technical support organisations
- Regulatory authorities
- Organisations primarily interested in knowledge acquisition and benchmarking

Core Member Includes:

- Access to all core content within the digital FIF portal
- Written Q&A with SKB experts
- Up to three personal portal accounts
- Access to recorded presentations and progress updates

Core Membership helps organisations:

- Build organisational knowledge and competence
- Follow implementation developments and lessons learned
- Support strategic planning and programme development
- Benchmark decisions and approaches against an active repository programme
- Gain insight into implementation challenges and practical solutions

7. Membership Comparison

Aspect	Strategic Member	Core Member
Target group	Organisations seeking active dialogue and strategic learning	Organisations seeking structured access to implementation knowledge
Primary benefit	Direct engagement and organisational learning	Knowledge access and benchmarking
Access to digital content	✓	✓
Portal access method	Personal user accounts	Personal user accounts
Number of portal users	Up to 8 per organisation	Up to 3 per organisation
Written Q&A via portal	✓	✓
Live interactive webinars	✓	X
Annual on-site visit	✓	X
Participants in site visit	Up to 8 per organisation	X
Included services during site visit	Local transport, 2 lunches and one dinner	X
Strategic Member Meeting	✓	X
Level of engagement	Active strategic dialogue and continuous improvement of FIF	Core access and information sharing

7. Administration Team



Erik Thurner



Ebbe Eriksson



Julia Holmgren

For further information about the Forsmark International Forum,
please contact skb.int@skb.se

Find out more about what we offer at our website:
skbinternational.se