

**Annual Benefits Realisation and  
Knowledge Sharing Report  
2025  
Northern Lights Joint Venture**

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## 1. Introduction

The annual Benefits Realisation and Knowledge Sharing report describes the communication activities and results achieved by Northern Lights JV that support the Government's effect-oriented objectives as stated in the State Support Agreement, with the overall goal of contributing to the development of CCS to reach climate goals in Norway and the EU.

As a first mover in developing CO<sub>2</sub> transport and storage, it is Northern Lights' mandate to share our knowledge and experience to a worldwide reach to support CCS implementation. Our communication activities are divided into the following categories: visits, conferences, events, media, digital media, and memberships and support of industry associations and interest organisations. The report outlines the results achieved within each area in 2025.

## 2. Visits

Northern Lights' visitor centre continued to serve as a global hub for CCS knowledge exchange. Visitors from around the world came to Øygarden to learn about the Northern Lights value chain and witness the completed CO<sub>2</sub> receiving facility. However, a reduction in visitor activity occurred due to the operational start-up phase and the need to prioritise core operational activities in 2025.

Northern Lights welcomed 3,218 visitors in 2025, distributed in 211 groups of visitors. By year end we had welcomed a total of nearly 15,000 visitors from 73 countries.

The visitors are distributed in the following categories:

- Industry players: 50%
- Policy makers: 16%
- Academia: 11%
- Interest groups: 5%
- Media: 1%
- General public: 17%

### Selected visits in 2025:

- **February:** Visit from NOS Dutch National Broadcaster – TV, radio, online; podcast; Øygarden Municipality Council.
- **March:** Visit from UK Parliamentarians & British Embassy in the UK, and industry safari for politicians, stakeholders, business and academia as part of Climate Festival in Bergen, organized by the Mayor of Bergen.
- **April:** Visit from Socialist Left from Norwegian Parliament & Innovation Norway Board

- **May:** Estonian State Secretary Economics together with Estonian embassy in Norway & Members of European Parliament and Danish stakeholders together with TTE Brussels and Denmark.
- **June:** Visit from Federal Councilor Albert Rösti, Minister of Energy and the Environment of Switzerland and delegation incl. media.
- **August:** Visit from Malaysia Petroleum Management, PETRONAS
- **September:** Visit from Shell delegation incl. minister from Singapore
- **October:** Visit from German parliamentarians Bettina Hagedorn SPD & Uwe Feiler CDU/CSU together with German Embassy in Norway
- **November:** Media tour with the Minister of Energy and the Polish Minister of Energy, in addition to the Ministry of Foreign Affairs and journalists from France, Spain and Italy.

See also point 4 under “Media,” where we provide a more in-depth review of the media coverage in 2025.

### **3. External dissemination/knowledge sharing**

#### **2025 activities contribution to the Government’s effect-oriented objectives and benefit realisation**

In 2025, Northern Lights’ communication and knowledge sharing activities collectively contributed to the realisation of the Government’s effect-oriented objectives as set out in the State Support Agreement. Through a comprehensive programme of ship events, technical workshops, operational briefings and structured media engagement, Northern Lights strengthened national and international confidence in the feasibility and safety of CO<sub>2</sub> transport and storage. In parallel, targeted knowledge exchange with industry partners, research institutions and emerging CCS projects supported cost-efficient deployment by enabling the transfer of early operational experience and reducing uncertainty for subsequent developments. In 2025 alone, we presented at more than 100 conferences, workshops and roundtables, advancing the conversation on CCS development, policy frameworks and commercial viability. Engagement with ministries, regulators and European institutions ensured that practical insights from the first operational CCS value chain informed the continued development of effective regulatory frameworks and incentives. Furthermore, strategic outreach to industrial stakeholders, financial actors, embassies and priority markets helped unlock new commercial opportunities and reinforced Norway’s position as a reliable long-term storage provider. These activities in sum advanced each effect goal individually, while also delivering cumulative system level benefits that support the broader realisation of a functional, credible and scalable CCS market in Europe.

Overview of selected activities in 2025 and realised benefits:

Date	Event	Topic & effect in context of their contribution to the Government's effect-oriented objectives of: 1) Demonstrating feasibility and safety; 2) Reducing future CCS costs; 3) Supporting effective regulation and incentives; 4) Enabling new industrial opportunities; and 5) Broader effects.
17.01	Singapore CCS-stakeholder event with vessel number two Northern Pathfinder	<p><b>Target 1: Demonstrating feasibility and safety</b> and <b>Target 3: Supporting effective regulation and incentives:</b></p> <p>On its way to Norway, the <i>Northern Pathfinder</i> stopped in Singapore for LNG bunkering. The stopover was used as an opportunity to host a CCS stakeholder event, where representatives from industry and government were invited to a seminar and a tour onboard the vessel. The event also received media coverage. The Norwegian Embassy participated and shared insights from the role the Norwegian state has taken in the Longship project. The event heightened interest in CCS solutions and served as a platform for strengthening stakeholder engagement between industry and government.</p>
30.01	Pareto Security: Power & Renewable Energy Conference	<p><b>Target 4: Enabling new industrial opportunities:</b></p> <p>The Managing Director delivered a presentation outlining the company's activities, as well as the key challenges and emerging opportunities in a rapidly scaling CCS market. Participants included representatives from the finance sector and major banks, in addition to senior leadership from Norway's largest companies within the broader energy sector. The event contribution deepened financial stakeholders' understanding of the CCS market, including its key challenges and growth opportunities.</p>
31.01	ZEP in collaboration with E. Commission – webinar on CO <sub>2</sub> storage monitoring	<p><b>Target 1: Demonstrating feasibility and safety:</b></p> <p>Northern Lights and the long-standing experience from the Norwegian Continental Shelf were used as a case study to demonstrate that offshore CO<sub>2</sub> storage is a well established and proven practice. This contributed to a deeper understanding of the safe storage component of CCS among European CCS stakeholders.</p>
06.02	Offshore Norway – Workgroup Financial Security	<p><b>Target 3: Supporting effective regulation and incentives:</b></p> <p>The company assumed a leading role and contributed actively to the work of this industry working group, addressing regulatory issues through the sector's interest organisation. This role has contributed to improved market understanding for stakeholders throughout the CCS value chain, government actors included.</p>
07.02	God mother ceremony – Northern Pioneer	<p><b>Target 1: Demonstrating feasibility and safety:</b></p> <p>A CCS stakeholder event was held in Stavanger, where the vessel is registered, to demonstrate the CCS value chain and to mark the arrival of the first dedicated CO<sub>2</sub> transport ship in Norway as it prepared to enter operations. Stakeholders included representatives from the media, government, political leadership, industry, NGOs, interest organisations, as well as internal NLJV personnel and owners. Benefits included strengthened regional interest in and support for CCS as a solution.</p> <p>Further details are provided in Chapter 4 (Events).</p>

<b>25.02</b>	Participated in panel discussion at Climit Summit	<p><b>Target 1: Demonstrating feasibility and safety and Target 5: Broader effects:</b></p> <p>The session focused on monitoring and ensuring safe CO<sub>2</sub> storage in relation to Bioenergy with Carbon Capture and Storage (BECCS) in the Nordic market, particularly in the context of the developing voluntary carbon market. Benefits included enhanced Nordic stakeholder understanding of CCS safe storage and of how Norwegian storage capacity can contribute to decarbonisation ambitions in the Nordic.</p>
<b>11.03</b>	Yara Sluiskil, NL – CCS stakeholder event with Northern Pathfinder	<p><b>Target 1: Demonstrating feasibility and safety and Target 3: Supporting effective regulation and incentives:</b></p> <p>En route to Norway, the <i>Northern Pathfinder</i> made a stop at Yara’s facilities in the Netherlands. The visit was used as an opportunity to host a CCS stakeholder event, bringing together representatives from EU institutions, the Dutch government at various levels, NGOs, interest organisations, and NLJV owners based in the Netherlands. The Norwegian Embassy contributed insights from the role played by the Norwegian state in the Longship project, and a representative from the European Commission (DG Climate) also participated. The event received broad media coverage. The event improved knowledge of the components of a viable CCS value chain and strengthened engagement between industry and government stakeholders. Further information is available in Chapter 4 (Events).</p>
<b>19.03</b>	Ørsted Kalundborg – Ship event	<p><b>Target 1: Demonstrating feasibility and safety, Target 3: Supporting effective regulation and incentives, and Target 4: Enabling new industrial opportunities:</b></p> <p>En route to Norway, the <i>Northern Pathfinder</i> made a stop at Ørsted’s facilities in Denmark. The visit was used as an opportunity to organise a CCS stakeholder event with participants from industry, government, and the media. A clearer understanding of and an enthusiasm around what a CCS value chain could look like in the context of high CCS ambitions was achieved among a broad range of stakeholders, particularly industrial players seeking to develop their own projects. Further details are provided in Chapter 4 (Events).</p>
<b>31.03</b>	Participation in Zero workshop	<p><b>Target 1: Demonstrating feasibility and safety:</b></p> <p>Presentation on how to ensure efficient transport and storage of CO<sub>2</sub> from Norwegian emitters, highlighting operational requirements, technical solutions, and key considerations for safe and reliable delivery into the storage system. This contributed to a deeper understanding among stakeholders of the key components required to scale CCS effectively.</p>
<b>24.04</b>	Innovation Norway – Denmark stakeholder event	<p><b>Target 1: Demonstrating feasibility and safety, Target 3: Supporting effective regulation and incentives, and Target 4: Enabling new industrial opportunities:</b></p> <p>Presentation of NLJV and active participation in discussions with a broad range of Danish CCS stakeholders, including representatives from industry, government, and sector organisations. The event contributed to significantly strengthening our engagement with key stakeholders in Denmark and improved market understanding.</p>
<b>16.05</b>	Participation in podcast by Nysnø	<p><b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b></p> <p>Provided an overview of Northern Lights and the CCS value chain, explaining how the technology enables industrial</p>

		decarbonisation and how the sector can develop and scale through infrastructure readiness, market demand, and cross border cooperation. It enhanced understanding among both the hosts and the audience of how CCS can function as a business model and an effective climate mitigation tool.
<b>20.05</b>	BloombergNEF Summit in Munich	<b>Target 4: Enabling new industrial opportunities:</b> Provided an overview of Northern Lights and the CCS value chain, outlining how the solution supports industrial decarbonisation and how the CCS sector can mature and scale through technological deployment, market development, and cross sector collaboration. The event contribution deepened European financial stakeholders' understanding of the CCS market, including what a viable CCS business model can entail and how CCS can scale.
<b>22.05</b>	Participation panel discussions at National Centre for CCS at the Swedish Energy Agency	<b>Target 3: Supporting effective regulation and incentives:</b> Shared regulatory learnings from Northern Lights and the Longship project at a CCS event attended by Swedish stakeholders, including representatives from industry (particularly capture companies), government, political leadership, academia, NGOs, and interest groups. Participating in the event was important for deepening knowledge among a broad range of Swedish CCS stakeholders regarding the transport and storage components of the CCS value chain, and the opportunities such solutions offer in supporting their climate ambitions, including emissions reductions and negative emissions.
<b>11.06</b>	ZEP's Advisory Council and IWG69 Plenary – presentation of Northern Lights	<b>Target 1: Demonstrating feasibility and safety:</b> Presented an update on the status of Northern Lights as the project prepares to commence operations. It helped build a stronger understanding of CCS as a climate solution that is available today, approaching operational readiness, rather than a distant future technology.
<b>12.06</b>	Stockholm Exergi – first sod cutting including meeting with Commissioner Hoekstra.	<b>Target 3: Supporting effective regulation and incentives:</b> Presented key messages on how to further scale the CCS market in Europe, with a focus on regulatory development, market design, and enabling conditions for accelerated deployment. It strengthened relationships with key business stakeholders and demonstrated to Swedish and EU officials what a cross border Nordic and European CCS collaboration could look like.
<b>12.06</b>	Participation as speakers and host at ONS international CCS conference in Stavanger	<b>All targets:</b> Speakers, thematic presentations, and panel discussions led by NLJV, covering key topics across all strategic targets and facilitating dialogue among a broad range of stakeholders. It deepened market understanding and strengthened stakeholder relations across industries and throughout the CCS value chain.
<b>17.06</b>	Longship Launch event & Godmother ceremony Northern Pathfinder	<b>All targets:</b> The Oslo events organised by the Norwegian Government encompassed several activities, including media coverage of the godmother ceremony, presentations and discussions at the accompanying conference, a media briefing, and business opportunity dialogues held in connection with the programme. These activities collectively contributed to advancing all strategic targets. The event heightened interest in CCS solutions and enhanced stakeholder engagement across the CCS value chain, while also generating strong media attention through public facing articles on CCS as a climate mitigation tool.

		Further details are provided in Chapter 4 (Events).
<b>18.06</b>	Visit from the Norwegian Crown Prince onboard Northern Pathfinder in connection with Heidelberg inauguration event	<b>Target 1: Demonstrating feasibility and safety:</b> Visit by His Royal Highness the Crown Prince and his delegation, accompanied by media representatives. It demonstrated the extensive backing for CCS, extending to Norway's highest ceremonial leadership. Further details are provided in Chapter 4 (Events).
<b>23.06</b>	CEO roundtable with Norwegian Prime Minister Gahr Støre and French President Macron	<b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b> Presented Northern Lights and highlighted the opportunities for scaling the CCS market as an effective tool for European and French industrial decarbonisation. It deepened French stakeholders' understanding of CCS as a decarbonisation tool and of Norway's role as a storage provider. In addition, it provided valuable insights into the French market.
<b>13.08</b>	Arendalsuka, DNV event	<b>Target 1: Demonstrating feasibility and safety and Target 3: Supporting effective regulation and incentives:</b> Arendalsuka brings together Norwegian policymakers and industry leaders and serves as a key arena for knowledge exchange and dialogue. Northern Lights participated in two well attended panel debates: one focusing on safe CO <sub>2</sub> storage and reliable monitoring on the Norwegian Continental Shelf, and another addressing how Norway can strengthen its competitiveness as a CO <sub>2</sub> storage provider to the EU. It enhanced understanding of CCS while also offering more comprehensive insights into the Norwegian market.
<b>19.08</b>	Station Manager Conference (UD)	<b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b> Presented an update on the status of Northern Lights and outlined the opportunities for scaling the CCS market to Norwegian Ambassadors serving abroad, highlighting the role of CCS in supporting industrial decarbonisation and strengthening Norway's international position in the emerging CO <sub>2</sub> management sector. It equipped key CCS ambassadors with deeper, up-to-date knowledge of Northern Lights, improving their ability to share insights with stakeholders across markets.
<b>27.08</b>	Speaker and participation at Norwegian Offshore Directorate Conference 2025	<b>Target 1: Demonstrating feasibility and safety and Target 3: Enabling new industrial opportunities:</b> Provided an update on NLJV following the first CO <sub>2</sub> injection and highlighted opportunities for new industrial developments, including the potential for expanded CCS activities on the Norwegian Continental Shelf. It strengthened stakeholder relations within the energy industry and deepened these stakeholders' understanding of CCS as a business.
<b>04.09</b>	Berlin meetings: Norwegian Embassy, German Industries & Bellona	<b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b> Presented an update on NLJV's status following the first CO <sub>2</sub> injection and outlined how this progress can support Germany in achieving its industrial decarbonisation targets by enabling access to proven, scalable CO <sub>2</sub> transport and storage solutions. It contributed to the strengthening and deepening of stakeholder relations within a market of increasing strategic relevance.
<b>09.09</b>	UK Department of Energy Security & Net Zero	<b>Target 3: Supporting effective regulation and incentives:</b> Delivered a virtual presentation to a broad audience from the UK Department for Energy Security and Net Zero, sharing Northern Lights' experience in developing and operating a cross border

		CCS value chain. Questions from participants focused on the commercial dimensions of CCS, including how the sector can evolve into a sustainable business model, as well as Northern Lights' perspective on and contribution to the development of an effective regulatory framework. Such dialogues are essential for strengthening cross border cooperation and for supporting the broader scaling of CCS across Europe. The session produced tangible potential solutions for the British CCS regulatory framework under development
<b>10.09 and 17.12</b>	Knowledge sharing with Northern Endurance Partnership (NEP)	<p><b>Target 1: Demonstrating feasibility and safety and Target 2: Reducing future CCS costs:</b></p> <p>Two dedicated technical workshops were held between Northern Lights and the UK -based joint venture between BP, Equinor, and TotalEnergies NEP, which is currently developing a CCUS cluster on the English east coast. The workshops focused on monitoring, drilling, and facilities topics. The Northern Lights subsurface team contributed to the discussions and participated online. It produced tangible lessons from Northern Lights Phase 1 that can inform and possibly be incorporated into the development of these projects. It is an example of knowledge sharing activities between Northern Lights and its owners' international CCS project portfolio. Northern Lights provides its owners with operational and technical insights that are actively applied to advance new CCS developments. Equinor is one example of how these learnings are utilised. Experience from Northern Lights is integrated into Equinor's wider CO<sub>2</sub> transport and storage portfolio, supporting the maturation of new projects. The company also maintains regular activity at the onshore facilities in Energiparken, Øygarden, facilitating knowledge sharing with internal teams, partners, and external stakeholders. Lessons from Northern Lights are disseminated systematically through organisational channels, industry networks, and external arenas.</p>
<b>23.09</b>	German-Norwegian Energy Dialogue 2025	<p><b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b></p> <p>Presented an update on NLJV's status following the first CO<sub>2</sub> injection and outlined how this progress can support Germany's industrial decarbonisation targets by providing access to proven, scalable CO<sub>2</sub> transport and storage solutions. Strengthening and deepening of stakeholder relations within a market of increasing strategic relevance. Additionally, deepening the understanding of the participants that CCS is an important climate mitigation tool.</p>
<b>25.09</b>	The European Commission & DG Energy – workshop	<p><b>Target 3: Supporting effective regulation and incentives:</b></p> <p>Participated in a technical and legal workshop on CO<sub>2</sub> transport and storage regulation, organised under the theme <i>"Support for the preparation of an impact assessment for a regulatory framework on carbon dioxide (CO<sub>2</sub>) transportation"</i>. Able to share our experience and learnings, in addition to strengthening of stakeholder relations.</p>
<b>22.10</b>	NGO Bellona knowledge sharing session in Øygarden	<p><b>All targets:</b></p> <p>Held a knowledge-sharing session with the NGO Bellona, focusing on early operational experiences, Norwegian and EU regulatory developments, financial security requirements, and measures to enable the emerging Norwegian CCS market.</p>

		Strengthened stakeholder relations and deepened understanding of current status of the project (in operations).
<b>23.10</b>	FORCE 30-year anniversary	<b>Target 1: Demonstrating feasibility and safety:</b> Participated in panel discussions focusing on the principles and practices of safe CO <sub>2</sub> storage, sharing operational insights and contributing to stakeholder understanding of storage integrity and long-term monitoring.
<b>29.10</b>	Offshore Norway CCS Forum learnings from dewatering pipeline	<b>Target 2: Reducing costs:</b> Presented key learnings from the dewatering pipeline, with participation from a broad group of industrial stakeholders, highlighting operational efficiencies, cost saving measures, and lessons applicable to future CCS infrastructure projects. Deepened understanding of how a start-up of a CCS project can look like.
<b>07.11</b>	Øygarden Conference	<b>Target 4: Enabling new industrial opportunities:</b> Delivered a presentation on local value creation and emerging business opportunities in Øygarden, highlighting the region's role in supporting the development of a scalable CCS industry. Strengthened relationship with important stakeholders for Northern Lights, including better understanding of industry development in the local area.
<b>11.11</b>	Innovation Norway-Sweden CCS-Stakeholder event	<b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b> Presented an update on NLJV's status following the first CO <sub>2</sub> injection and outlined how CCS can enable new industrial opportunities in both Sweden and Norway, supporting cross border decarbonisation and fostering the development of a competitive Nordic CO <sub>2</sub> management market. The event contributed to significantly strengthening our engagement with key stakeholders in Sweden and improved market understanding.
<b>17.11</b>	Innovation Norway-Belgium CCS stakeholder event	<b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b> Presented an update on NLJV's status following the first CO <sub>2</sub> injection and outlined how CCS can enable new industrial opportunities in both Belgium and Norway, supporting industrial decarbonisation and fostering the development of a competitive, cross border CO <sub>2</sub> management market. The event contributed to significantly strengthening our engagement with key stakeholders in Belgium and the EU, and improved market understanding.
<b>21.11</b>	7th EU-Norway Energy Conference in Brussels	<b>Target 3: Supporting effective regulation and incentives and Target 4: Enabling new industrial opportunities:</b> Shared learnings related to market development, regulatory frameworks, and existing barriers, contributing to stakeholder understanding of the conditions needed for a scalable and well functioning CCS market. The event strengthened stakeholder relations at the EU-level, and deepened understanding of participants of an operational CCS value chain.
<b>27.11</b>	Vestland CCUS and the University of Bergen	<b>Target 1: Demonstrating feasibility and safety:</b> Conducted knowledge sharing on insights and operational experience gained from the first CO <sub>2</sub> injection, contributing to broader understanding of safe storage practices and early phase project performance. Deepening stakeholder relations at a regional level, including academia, and provided better insights

		into industrial development in the region and academic interest on CCS.
<b>02.12</b>	Project of Common Interest (PCI) Days in Brussels	<b>Target 1: Demonstrating feasibility and safety and Target 4: Enabling new industrial opportunities:</b> Hosted an exhibition stand and participated in programme activities, providing an update on the status of Northern Lights and highlighting the opportunities enabled by a functioning CO <sub>2</sub> transport and storage infrastructure. Showcased for the participants an operational CCS value chain works.
<b>03.12</b>	CCS roundtable in Germany with Innovation Norway and the Norwegian Embassy	<b>Target 3: Supporting effective regulation and incentives:</b> Delivered a status update and shared experience-based insights to support the development of effective regulatory frameworks and incentives for CCS deployment. The event gave better insights into German stakeholders.
<b>08 and 09.12</b>	Industrial Carbon Management Forum 2025	<b>Target 3: Supporting effective regulation and incentives and Target 4: Enabling new industrial opportunities:</b> The ICM Forum is an annual conference organised under the auspices of the European Commission to advance CCS as a key solution for decarbonising European industry. The 2025 Forum was held in Athens, Greece, where NLJV was invited by the Commission to deliver presentations on “ <i>Lessons Learned on the Road to CO<sub>2</sub> Project Operation – Regulatory Barriers and Enablers</i> ” and on the role of the EU ETS in enabling customer business cases for CCS as a decarbonisation strategy. NLJV participated actively at the Forum with speeches. Strengthened stakeholder relations and provided insights into regulatory priorities at the EU level going forward.
<b>09.12</b>	Thommessen seminar	<b>Target 4: Enabling new industrial opportunities and Target 5: Broader effects:</b> Presented perspectives on the role of carbon dioxide removals in industrial decarbonisation, highlighting their contribution to achieving net zero targets and their potential to enable new market opportunities within the emerging CDR and CCS value chains. Strengthening stakeholder understanding of players within the CDR field.
<b>17.12</b>	Webinar on CO <sub>2</sub> shipping	<b>Target 4: Enabling new industrial opportunities:</b> Hosted a webinar on emerging opportunities within CO <sub>2</sub> shipping, highlighting the role of maritime transport in enabling scalable cross border CCS value chains and supporting industrial decarbonisation. Showcasing to shipping stakeholders possibilities within CCS, and deepening relations with the broader shipping community.
<b>17 and 18.12</b>	CCS stakeholder event with Kline in Tokyo, Japan	<b>Target 1: Demonstrating feasibility and safety, Target 3: Supporting effective regulation and incentives, and Target 4: Enabling new industrial opportunities:</b> Held a CCS stakeholder event featuring a guided tour onboard ship number 3, the <i>Northern Phoenix</i> , with participation from K Line, the Norwegian Embassy, the CCS Global Institute, and additional stakeholders. The event provided an opportunity to showcase operational readiness, strengthen regulatory dialogue, and highlight new industrial opportunities enabled by the Northern Lights value chain. The event heightened interest in CCS solutions and served as a platform for strengthening stakeholder engagement between industry and government in Japan and Southeast Asia. Further details are provided in Chapter 4 (Events).

## Stakeholder management strategies on local and regional engagement

Northern Lights prioritises active engagement with the local community in Øygarden and Western Norway to foster trust, transparency, and long-term acceptance. Although the surrounding area is accustomed to industrial activity, national and international experience demonstrates that local support cannot be assumed.

Key elements of our stakeholder management strategy for local and regional engagement include:

- Prioritising local media in the communication of news and project developments and ensuring they are included in relevant events and activities.
- Providing early and regular information to local stakeholders regarding project progress, including hosting neighbourhood meetings and notifying the community of planned activities.
- Maintaining continuous dialogue with the Mayor and municipal representatives and inviting municipal participation at official visits and other significant events.
- Using the visitor centre as a platform for engagement, with priority given to local and regional stakeholders such as business organisations, schools, the municipality, neighbouring companies in Energiparken, and other members of the wider community.
- Support initiatives aimed at demonstrating how Western Norway is leading the energy transition.

Safety remains a central theme in local engagement efforts, and Northern Lights is committed to transparency regarding risk management.

## 4. Events

2025 was the “year of the ship” for Northern Lights. The arrival of the first CO<sub>2</sub> carrier, Northern Pioneer, marked a historic milestone, symbolising the transaction from project to operation. The year featured several high-profile events aimed at showcasing progress and demonstrating that CCS is now a reality.

### Arrival of Northern Pioneer and God Mother Ceremony

The Northern Pioneer is the world’s first commercial liquefied CO<sub>2</sub> transport ship, and its arrival in February marked the final piece of the Northern Lights value chain falling into place. To commemorate this milestone, a godmother ceremony was held in Stavanger, attended by key stakeholders from industry and government. The ship was blessed by its godmother, Tina Bru – a Stavanger native and former Minister of Petroleum and Energy, who played a central role when the Longship project was presented to the Norwegian

Parliament in 2019. The arrival and ceremony attracted significant national and international attention, celebrating both the progress of Northern Lights and the broader advancement of the carbon capture and storage industry. Benefits included strengthened regional interest in and support for CCS as a solution.

### **Ship tour at Yara Sluiskil and Ørsted in Denmark**

With the arrival of the second CO<sub>2</sub> ship Northern Pathfinder, Northern Lights JV and the owners arranged stakeholder events together with customers Yara in Sluiskil, Netherlands, and with Ørsted in Kalundborg, Denmark. The 1-day events provided the opportunity to gather regional and national stakeholders such as regulators, authorities, potential customers, media and industry players at large for a short CCS seminar format on the industry sites with options to tour the newly acquired CO<sub>2</sub> transport ship. The events provided a clearer understanding of and an enthusiasm around what a CCS value chain could look like in the context of high CCS ambitions among a broad range of stakeholders, particularly industrial players seeking to develop their own projects.

### **Longship Completion Celebration in Oslo/Brevik**

In June, the completion of the Longship project was officially celebrated in Oslo. As part of the festivities, Northern Lights hosted a godmother ceremony for the Northern Pathfinder, which had arrived in Oslo a few days earlier. The ship was blessed by its godmother, Kari Nessa Nordtun, and the milestone was marked together with key stakeholders. The event also included guided tours of the ship for the public and media, where the captain provided insights into the vessel and its role in the Northern Lights value chain.

The main celebration took place at the Oslo Opera House, where Northern Lights participated as a speaker to present its role and responsibilities within the Longship project, as well as to share project status and progress. Northern Lights also showcased its CO<sub>2</sub> simulator, illustrating how CO<sub>2</sub> is injected into porous sandstone formations and securely stored beneath impermeable layers. H.R.H The Crown Prince of Norway and other stakeholders visited the stand and received firsthand insight into the principles of safe carbon storage. The event heightened interest in CCS solutions and enhanced stakeholder engagement across the CCS value chain, while also generating strong media attention through public facing articles on CCS as a climate mitigation tool.

H.R.H The Crown Prince of Norway also boarded the Northern Pathfinder in Brevik. The visit demonstrated the strong backing for Norway's leadership in CCS, extending to Norway's highest ceremonial leadership.

## Japan Stakeholder Event

Northern Phoenix made a stop in Japan, where interest in CCS is accelerating rapidly. The country is investing in CCS as part of its decarbonisation strategy, and stakeholders are actively looking for models that demonstrate how large-scale CO<sub>2</sub> value chains can work in practice.

The visit in Japan was a targeted stakeholder event hosted in partnership with our shipping collaborator “K” LINE, where owners of Northern Lights, Shell, Equinor and TotalEnergies, shared their ambitions in the Asian region. The aim was to share practical knowledge from the Northern Lights project: how it operates and what lessons can be drawn by countries and companies exploring similar initiatives. In connection with the visit to Japan, the Norwegian Embassy in Tokyo and the Global CCS Institute co-hosted a seminar on international CCS projects.

The event heightened interest in CCS solutions and served as a platform for strengthening stakeholder engagement between industry and government in Japan and Southeast Asia.

## 5. Media

Media relations is an important part of Northern Lights’ knowledge sharing and public acceptance efforts. Offering interviews and fact-based insights, Northern Lights contributes to media stories with the goal of demonstrating progress and successes of the Longship project and communicating the benefits of CCS and its role in achieving climate goals.

In 2025, Northern Lights achieved 480 media stories in national and international media. We experience great interest in CCS and Northern Lights by media across the world. There is particular interest from UK, Sweden, Denmark, Germany, Malaysia, Singapore and Japan media which is also reflected in the visitor numbers.

Although Northern Lights continues to receive frequent media inquiries both nationally and internationally, we have adopted a far more proactive approach towards communication in our priority markets.

### Selected media quotes in 2025:

#### INTERNATIONAL

“This demonstrates the viability of carbon capture, transport and storage as a scalable industry”.

– Anders Opedal, CEO Equinor, [Reuters](#)

“The so-called Longship project is due to be the world’s first large-scale carbon capture and storage hub for industrial emissions. Countries across Europe — most notably Germany but also Nordic nations — are betting on CCS to clean up polluting sectors such as cement, fertilizers and steel.”

– [Bloomberg](#)

«It will be a first: starting early next year, millions of tonnes of Dutch CO<sub>2</sub> will be pumped into the Norwegian underground. The aim is to prevent that CO<sub>2</sub> from contributing to global warming.»

– [NOS, Dutch TV](#)

The Northern Lights terminal, as it's called, also could be a model for the world. Japan and South Korea— which have heavy industries and aggressive climate goals but don't have the right geology to store CO<sub>2</sub> — are negotiating deals to store their carbon pollution in nearby Indonesia and Malaysia, which have good underground storage reservoirs.

– Washington Post

“Northern Lights is being closely watched as a potential model for other efforts using a process known as carbon capture and storage to clean up industries like cement and fertilizer that pump out huge amounts of carbon dioxide.”

– The New York Times

## NATIONAL

«This is a global event. We're showing the world that it is possible to capture and store CO<sub>2</sub> safely. Many point to this as a key climate solution – and now it's up and running.»

– Terje Aasland, Minister of Energy, [E24](#)

“If the Norwegian continental shelf can be used to store CO<sub>2</sub>, it's a win-win situation. We safeguard the Norwegian oil and gas industry, we put our expertise to use, and we can offer services to major European cities looking to reduce their CO<sub>2</sub> emissions.”

– Trygve Slagsvold Vedum, Former Finance Minister, [NRK](#)

“CO<sub>2</sub> management is essential to reach our climate goals, and we have worked for a long time to develop both the technology and the market. This project is important for the company, the country, and for Europe. We now look forward to receiving the development plan”.

– Terje Aasland, Minister of Energy, [Dagens Næringsliv](#)

The ship is carrying a world first – a breakthrough that could prove decisive for the climate.

– Aftenposten

## LOCAL

«It's important to regulate and support green jobs – not just here in our municipality, but across Norway, and perhaps especially in the Bergen region. That's why it's crucial to demonstrate that this works – and they've now shown that it does»

Tom Georg Indrevik, Mayor of Øygarden Municipality, [NRK Vestland](#)

«Rising CO<sub>2</sub> levels in the atmosphere contribute to global warming. Northern Lights is among the world's pioneers in capturing and storing CO<sub>2</sub> to help mitigate climate change.»

– Vestnytt

«Northern Lights can be described as a global sensation. It is the first CO<sub>2</sub> storage facility open to industry, where anyone can pay to dispose of their emissions.»

– Dag og Tid

## 6. Digital media

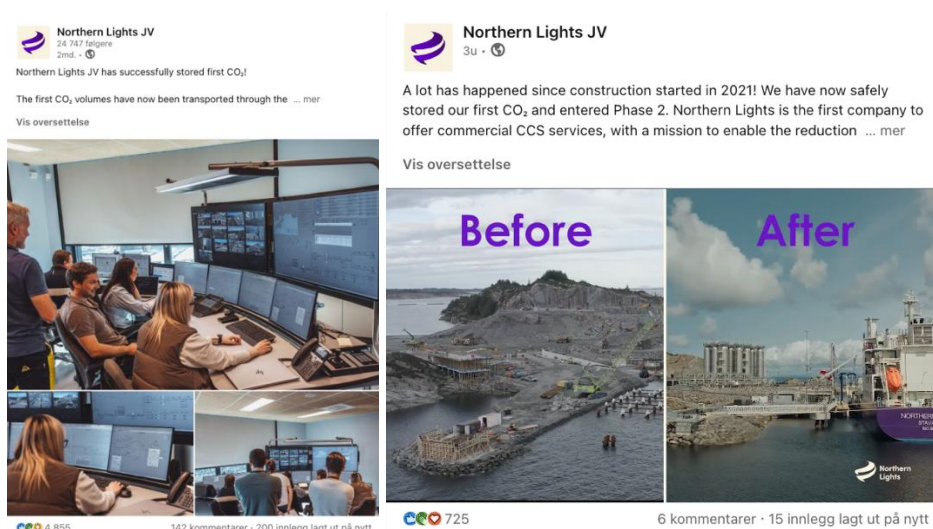
In 2025, we further refined our communications efforts through a more strategic approach to owned channels. LinkedIn remains our primary platform, and we have developed a dedicated channel strategy including defined content pillars, messaging architecture, and tone of voice to ensure consistency and recognition in an increasingly fragmented information landscape. We tailor our use of content formats, including carousels, image-and-text posts, videos, and external links, to align with LinkedIn’s recommended algorithmic preferences.

As part of this effort, we made the decision to archive our Facebook page and reallocate resources toward platforms that better align with our objectives and target audiences. Northern Lights has established a strong and growing presence on LinkedIn, with more than 25,000 followers. Over 8,000 are new in 2025, which is an increase of 40%. The platform enables more nuanced dialogue, attracts engaged and relevant stakeholders, and helps build credibility within a professional context.

The majority of our followers are based in Norway, UK, the Netherlands, and France. We reached 1,395,578 impressions organically through 70 posts throughout the year. The best preformed post reached 137 340 people organically, gaining nearly 5000 reactions, 142 comments and 200 shares.

On our website, we have shared 17 news articles and press releases with project updates in 2025. In 2025, the number of active newsletter subscribers increased from 93 to 1,000, representing a net growth of 907 subscribers.

### Selected posts 2025:



**Northern Lights JV**  
24 747 følgere  
5md. · 

How is CO<sub>2</sub> storage safe? – this is one of our most common questions.

It starts with world-class geology – 2600 metres below the seabed, 100 ... mer

Vis oversettelse



  279

5 kommentarer · 21 innlegg lagt ut på nytt

**Northern Lights JV**  
4md. · Redigert · 

We've now offloaded the first cargo of CO<sub>2</sub> from Heidelberg Materials in Brevik at our onshore facilities in Øygarden.

This successful offloading is part of the commissioning phase, and a key step towards finalising the Longship project and moving into full operations.

Thanks to "K" Line Energy Shipping (UK) Limited and Equinor TSP for ensuring a safe and successful offloading.

[#NorthernLightsCCS](#) [#Collaboration](#) [#CO2Transport](#)

Vis oversettelse



  1 452

35 kommentarer · 58 innlegg lagt ut på nytt

## 7. Memberships and support

Collaboration with industry associations and interest groups is important to advancing CCS technology and policy. This chapter outlines which organisations Northern Lights contributes to, underscoring our commitment to sharing knowledge, expertise, and advocacy.

### Offshore Norway

Northern Lights is a member of Offshore Norway which is the employer and industry organisation for companies with activities on the Norwegian Continental Shelf, and part of the Confederation of Norwegian Enterprise (NHO). We were a contributor to establish a CCS Forum in the organisation which we are currently members of. The forum is a professional advisory body that addresses questions related to topics such as financial security, offshore safety rules, legal and subsurface.

### Zero Emission Platform (ZEP)

Northern Lights is a member of ZEP, the trusted advisor to the European Union on industrial carbon management and seeks to accelerate its deployment in line with Europe's climate ambition. We are actively contributing to European CCS policy discussions in various forums

and committees. ZEP had also stated that Northern Lights has been a massive source of inspiration for ZEP in their communication and marketing of CCS.

## **ZERO**

The ZERO Environmental Foundation is an independent, non-profit organisation with one mission: the climate issue. ZERO applies a knowledge-based and analytical approach to driving forward zero-emission solutions. Northern Lights is a partner of ZERO and is part of a CCS working group with a primary focus on carbon removal such as bioenergy with carbon capture and storage (BECCS).

## **French-Norwegian Chamber of Commerce**

Northern Lights is a member of the French-Norwegian Chamber of Commerce who has the task of promoting economic, commercial and industrial relations between Norway and France, as well as bilateral cooperation between the two countries. The French-Norwegian Chamber of Commerce is an intermediary between French and Norwegian companies and is considered purposeful for business strategic objectives.

## **Norwegian-German Chamber of Commerce**

Northern Lights has been increasingly active in events organised by the Norwegian-German Chamber of Commerce. They promote trade and economic cooperation between Norway and Germany by offering market entry support, legal/tax advice, networking, and events, focusing on sectors like energy. They are acting as a vital link for businesses entering the partner country's market.

## **ONS**

Global energy exhibition and conference in Stavanger that brought together more than 70,000 visitors from 100 countries in 2024. Northern Lights was part of the Energy Society Committee and the CCUS Committee and contributed to shaping the programme of the 2024 conference. We will continue our engagement with ONS to prepare for the next conference in 2026.

## **8. Research contribution**

The transition to operational phase marked a change also in the knowledge sharing activities and cooperation with research institutes and Universities, with a more marked

focus towards monitoring topics. The contributions to CCS research and academia already established in 2024 continued in 2025, were strengthened and the scope widened.

- These are: DAS4HNET (launched in Q4 2025), representing Phase IV of HNET JIP (funded by CLIMIT-Gassnova)
- [HNAR](#) permanent array installation in collaboration with NORSAR
- [The Clean Energy Transition Partnership](#)
  - SAFE-C: Safeguarding CO<sub>2</sub> storages in the greater North Sea region through advanced monitoring (embedding the [SHARP](#) consortium)

### **DAS4NET, HNET project Phase IV JIP**

HNET is a research and technology development project aimed at developing and demonstrating a baseline seismic monitoring network for offshore CO<sub>2</sub> storage in the Horda platform region of the Norwegian North Sea.

Benefits:

- Testing local seismic array processing for enhanced earthquake detection (HNAR)
- Improving our understanding for seismic hazard potential in this area to support offshore CO<sub>2</sub> storage projects in this region
- Engaging with stakeholders to find better ways of understanding earthquake hazard and addressing of potential public concerns about induced earthquakes and tremors
- Improved detection threshold of earthquakes and tremors and resolution on the location, especially depth.

### **HNAR**

HNAR is a seismicity monitoring array deployed by Northern Lights JV and Norsar to enhance detection and characterization of seismicity around EL001. HNAR's collaboration with NORSAR is a strategic partnership and contributes to Northern Lights' CO<sub>2</sub> storage safe operations. Processed data is published on dashboard and raw data will be shared with the DAS4HNET JIP.

Possible benefits:

- Quantification of societal challenges and requirements,
- Cost-efficient addressing of regulatory requirements and potential public concerns about storage safety.

### **Clean Energy Transition Partnership**

Northern Lights is involved in the Transition Initiative (TRI) 3 (Enabling Climate Neutrality with Storage Technologies, Renewable Fuels and CCU/CCS) with focus on the project:

SAFE-C: Safeguarding CO<sub>2</sub> storages in the greater North Sea region through advanced monitoring

Possible benefits:

- Demonstration of storage safety in the greater North Sea region by data integration
- Improved understanding of stress and fault reactivation mechanisms,
- Improved monitoring output.

### **Conference papers**

EAGE Annual 2025, Toulouse, 2<sup>nd</sup> June 2025: EL001 updated monitoring plan focusing on passive seismic monitoring

## **9. Commercial development**

Throughout 2025, Northern Lights made strides in advancing the business case for CCS. The commercial agreement with the Swedish energy provider, Stockholm Exergi, for cross-border transport and storage of up to 900,000 tonnes of biogenic CO<sub>2</sub> annually enabled the investment decision to expand Northern Lights' CO<sub>2</sub> transport and storage services from 1.5 million to a minimum of 5 million tonnes of CO<sub>2</sub> per year, enabling further reduction and removal of European industrial CO<sub>2</sub> emissions. This represented the next step in building a commercially viable CCS market in Europe and confirmed Northern Lights' commitment to offer an effective solution for companies to reduce emissions.

The Commercial team has engaged in structured negotiations and formalised agreements in several markets that reinforced Northern Lights' role as a frontrunner in CO<sub>2</sub> transport and storage as a service. They have also actively participated in key industry events, including the Longship Celebration event, Industrial Carbon Management Summit and PCI Days. The Longship Celebration event in June brought together key stakeholders to discuss the evolving CCS landscape, reinforcing the company's position as a leading player in Europe's decarbonisation efforts.

Northern Lights signed several Letters of Intent (LOIs) with new customers, laying the groundwork for fully termed TSAs. To support the development of industrial carbon management, Northern Lights also issued multiple support letters for customers applying for the EU Innovation Fund.

Northern Lights closely monitored and adapted to evolving market dynamics, including country-specific CCS funding mechanisms in Belgium, Sweden, Denmark, the Netherlands and France. Recognizing the importance of regulatory alignment, Northern Lights played an active role in the EU's "Project of Mutual Interest" (PMI) initiative, which facilitates cross-border infrastructure projects. In December 2024, the PMI application was submitted, on

behalf of Northern Lights and a community of 14 emitters and infrastructure providers amounting to 34 Mtpa of CO<sub>2</sub> storage needs. In December 2025 the successful award of PMI status was announced by EU Commission.

In parallel with commercial efforts, Northern Lights has conducted market studies to further inform its strategy. The findings reinforced the demand for CO<sub>2</sub> storage solutions as a tool to decarbonise. The development in CCS-regulation throughout 2025 in Germany underlines this. However, 2025 also unveiled challenges in scaling the market, exemplified at the end of the year with the Danish auction been postponed and players withdrawing their participation.

## 10. Way forward

In 2026, Northern Lights will continue to share knowledge and operational experience in line with its mandate under the Longship project and the support agreement with CINEA. Planned activities include the Northern Lights Workshop Summits, virtual Øygarden site visits experience and knowledge-sharing to inform and engage stakeholders across Europe and beyond.

In parallel, Northern Lights will participate in events organised by third-party organisations across the CCS ecosystem. The purpose is to inform stakeholders in Europe and beyond, and to engage with current and potential emitters, strengthening interest and progressing business relationships towards future commercial agreements.

As the organisation prepares for Phase 2 of the project, focus will be directed toward selling remaining storage capacity and scaling operations. New partnerships are expected to commence in 2026, including first deliveries from Ørsted and Yara.

We will continue to expand our visibility through high-profile events such as ONS, and milestone moments like the arrival of, and godmother ceremony for, our third CO<sub>2</sub> carrier, Northern Phoenix.

As regulatory frameworks for CCS continue to evolve both in Norway, in the EU and European markets, Northern Lights will engage with experience and knowledge sharing in shaping policies and standards that support a functional, transparent and scalable market.