



Newsletter

The Eastern Lights project is thrilled to announce the launch of its official newsletter - your new go-to source for the latest updates and insights on our **pioneering initiative to advance Carbon Capture, Utilisation and Storage (CCUS) technologies across Eastern Europe.**

Running until Summer 2028, Eastern Lights will research and demonstrate how captured CO₂ can be safely transported and permanently stored underground in Northwest Bulgaria.

Our aim? Test the concept, share our findings on CCUS' potential to help Europe reach climate neutrality, and ultimately pave the way for a large-scale CCUS cluster that can help **key industries decarbonise.**

In addition to project milestones, we look forward to sharing perspectives from across our international consortium - a collaboration of **19 partners in 8 countries.**

Stay tuned!

Our vision: a word from Dimitar Merachev Manager & Geologist at Holcim Storage



Industrial sectors such as construction, cement and steel form the backbone of our economies - yet they also account for a significant share of CO₂ emissions and are among the hardest to decarbonise. Their sustainable transformation is essential to achieving Europe's net-zero ambitions while maintaining our competitiveness.

Carbon Capture and Storage is one of the most promising and scalable tools to make this possible. By capturing CO₂ from industrial sources and storing it safely underground, this technology offers a practical solution to decarbonise processes where emissions cannot be fully eliminated.

While several Western and Northern European countries are advancing CCUS projects, often offshore, much of Central and Eastern Europe lacks access to such infrastructure. Without viable storage and transport options, industries in these regions risk being left behind in the race to decarbonise. This is where Eastern Lights aims to make a difference - by providing a tried and tested pathway for countries in Central and Eastern Europe to cut emissions. Initial geological surveys have identified promising aquifers for CO₂ storage in Northwest Bulgaria, strategically located near major transport links and the Danube River.

Together with our project partners across Europe, we are building the knowledge, infrastructure and policy foundations needed to scale CCUS across Eastern Europe. By proving the feasibility of onshore CO₂ storage, Eastern Lights aims to establish a regional CO₂ infrastructure that supports long-term decarbonisation.

Dimitar Merachev, Manager & Geologist at Holcim Storage

Our project

In case you missed it



2nd Consortium Meeting in Montpellier

Eastern Lights partners met at Montpellier University in September 2025 for the project's second consortium meeting, hosted by CNRS, to review progress and plan upcoming work on CO₂ transport, storage, and modelling technologies.

[Read more](#)



Eastern Lights at 18th CO₂GeoNet Open Forum

At the 18th CO₂GeoNet Open Forum in Venice, Eastern Lights partners from Geosciences Montpellier and GeoEcoMar joined European CCUS leaders to exchange insights on CO₂ storage, regulation, and financing, reinforcing the project's visibility and partnerships across the region.

[Read more](#)

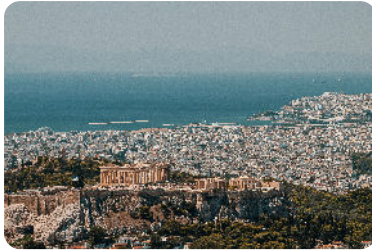


Other news

Catch-up on all our other news from the beginning of this year on our News page.

[Read more](#)

Upcoming events



5th Industrial Carbon Management Forum

8-9 December 2025

The 5th Industrial Carbon Management (ICM) Forum is co-organised by the European Commission and will take place in December 2025 in Athens and online. It will bring together industry, policymakers, and experts to exchange views on upcoming and existing CCUS-related legislation. CO₂ transport networks and cross-border CO₂ transportation will be of particular interest.

[Register](#)



CCS4G Symposium 2025: Super-Critical Upscaling

10 December 2025

The Geological Society for Energy Geoscientists (GESGB) will hold their CCS symposium for Geoscientists in London. This one-day event is aimed at geoscientists, engineers, and industry experts to explore large-scale Carbon Capture and Storage (CCS) projects, sharing insights on geological storage, project upscaling, and the evolving CCS landscape.

[Register](#)



Eastern Lights Webinar: Unlocking CCUS in Eastern Europe

10 December 2025

The Eastern Lights webinar will explore how EU policy, funding, and national actions can align to accelerate CCUS deployment in Bulgaria, Romania, and across the EU, focusing on closing regulatory and financial gaps and fostering viable cross-border projects.

[Register](#)



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