



Svitzer CO₂ Transport

Safe and reliable coastal transport with floating intermediate storage.

A flexible maritime solution for CO₂ transport.

- Modular tug-and-barge system designed for scalability.
- Low-draft design enables access to most ports without additional towage assistance
- Reliable, low-emission sea logistics for short- to mid-distance CO₂ routes.

A proven maritime partner enabling the CCUS value chain.

- Svitzer leverages 190 years of marine expertise to ensure safe, reliable CO₂ logistics.
- Trusted global operator with 450+ vessels and a strong safety culture.
- Svitzer brings proven capability and experience in pusher tug and barge operations.

CO₂ transport by sea with Svitzer's tug-barge solution



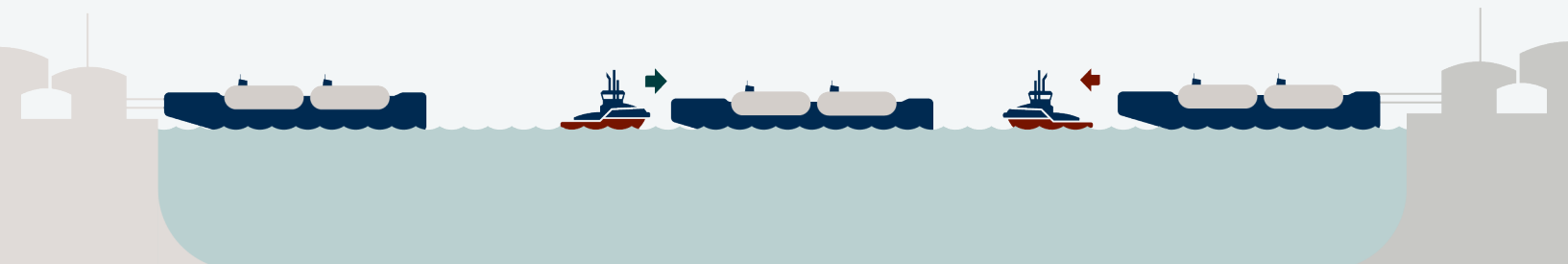
Barge is loaded at capture site
(barge can act as floating storage)



Tug connects and pushes barge
port-to-port

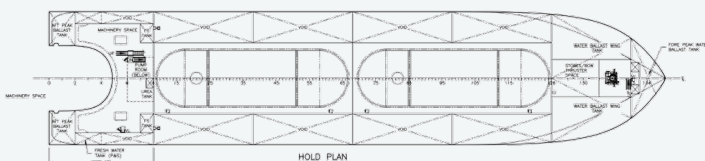
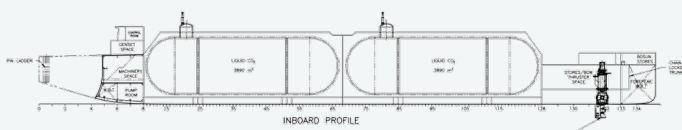


Fast discharge at hub or
storage site



Tug Barge solution at a glance

- Length: 88m (1 tank), 130m (2 tanks)
- Width: 28 m
- Capacity : 3,850–7,800 m³
- Pressure: Medium
- Draft: < 6 m.
- Max wave height: 7 m
- Sea speed: up to 12 knots



Want to learn more?

Contact a member of our CO₂ team at co2transport@svitzer.com or visit our website at www.svitzer.com or via the QR code.



∞ Manoeuvrability

Low-draft design enables easy port access without assistance. Designed for safe operations in coastal waters and cross border regional transport.

🤝 Reliability

Engineered to modern class standards with built-in redundancy – harbour tugs can function as back-up.

🧩 Modular & Flexible

One pusher tug can serve multiple barges; scalable with increasing demand and changing routes.

📦 Capacity

One barge can carry up to 7,800 m³ CO₂, equal to approx. 230 trucks.

🌿 Environment

Significantly lower emissions than coasters and trucks, with potential for full electrification.