

Specialized dredging

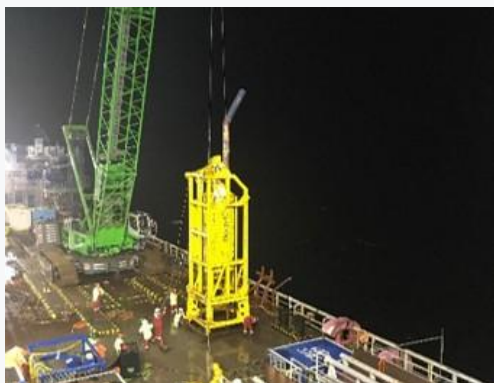
Tailor-made dredging solutions for deep reservoirs, intakes and hard sediments

How it works

- SediCon combines hydropower sediment handling with offshore dredging technology and project experience.
- High-pressure water jetting can disintegrate cohesive clay before suction or ejector transport.
- Custom ejector dredges can handle sand, gravel, stones and project-specific debris.
- Solutions are designed for difficult access, deep reservoirs, intakes and blocked structures.



Specialized dredging tool prepared for demanding sediments



Offshore and deep-water dredging experience transferred to hydropower

Why it matters

- Useful when standard dredging equipment cannot reach or handle the sediment conditions.
- Experience includes hydropower reservoirs, deep-water offshore projects, pile intakes and hard clay.
- Tailor-made tools can reduce risk when re-opening gates, intakes or confined sediment areas.
- ROV and subsea experience support safe operation at depth.



ROV camera view of coarse material at depth

Environmental benefits

- Targeted sediment removal
- Less need for drawdown
- Reduced civil intervention
- Supports continued production
- Adapted to site constraints

Best used when

A project involves deep reservoirs, blocked gates or intakes, hard cohesive clay, coarse material or other sediment conditions where a standard dredging solution is not suitable.

For more than 30 years, SediCon has developed and supplied proprietary sediment handling technologies from Trondheim, Norway. Our solutions for reservoirs, intakes, desanders and tunnels have been successfully implemented in hydropower projects in more than 20 countries across five continents.