

SediCon Monitoring system

Remote monitoring and control for optimized sediment removal

How it works

- Sensors and cameras collect information about sediment levels, discharge points and system status.
- SediCon systems can be monitored and operated from a control room or online device.
- Outlet valve sensors show open/close status and support safe remote operation.
- The system can combine echo sounders, pressure cells, cameras and project specific instrumentation.



Control room for SediCon sediment removal system



Monitoring equipment installed at discharge location

Why it matters

- Gives operators better knowledge of the sediment situation at any time.
- Supports more precise and efficient operation of sediment removal system
- Improves safety by monitoring discharge areas before remote operation.
- Can be connected to online software for remote follow-up and reporting.



System overview - illustration

Environmental benefits

- Targeted sediment removal
- Less unnecessary operation
- Improved discharge control
- Reduced site attendance
- Better documentation of operation

Best used when

Sediment removal systems need close operational follow-up, remote access, better process visibility or safer operation of valves and discharge points.

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.