



Demonstration of Sustainable Hydropower Refurbishment

M5, Environmental flow in Brattlandsdalsåna - planning of bypass flows to re-establish biodiversity

Work Package	WP4, Environmental improvements of refurbishment
Responsible	Line Elisabeth Sundt-Hansen, NINA
Milestone reached	07.05.25

M5 is finalisation of an internal memo in which the status of the planning process for Task 4.2 of the ReHydro project is summarized.

Reference:

Uglen I, Sabil SM, Sundt-Hansen LE, Carolli M and Tjørhom E. 2025. Environmental flow in Brattlandsdalsåna - planning of bypass flows to re-establish biodiversity. Internal Memo, ReHydro. 20 pp.

Summary of Memo

Although the overarching plans for the activity have largely been finalized, the detailed technological design remains under development at the milestone date. Hence, the plan outlined in this memo may still be subject to further modifications.

To support the design process, Lyse Kraft has commissioned a technical report from the consulting firm Norconsult, outlining proposed technical solutions. However, the suggested concepts must be further refined and streamlined prior to finalization to ensure the development of an optimal and efficient solution.

In parallel with the technical planning, environmental baseline data collection is ongoing. The first season of biological and hydrological data sampling has been successfully completed; however, further data are needed to capture potential interannual variation and strengthen the environmental baseline. Systems for the collection of environmental and hydrological data in both the river and the lake have already been established, providing a solid foundation for continued monitoring and analysis.

Based on the current pace of progress and the expected timelines for both data acquisition and technical refinements, we remain confident that construction activities can commence as planned in early 2026.

DISCLAIMER / ACKNOWLEDGMENT

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