New's Letter

COVER PROJECT FOUNDATION



Celebrations of the 1st World Day for Glaciers and World Water Day in Paris

For the joint celebration of the first World Day for Glaciers and World Water Day 2025, a high-level event will take place on 20-21 March 2025 at UNESCO Headquarters in Paris.

COVER PROJECT

FOUNDATION

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The COVERPROJECT FOUNDATION is supporting UNESCO's first World Glacier Day and World Water Day 2025 with the following contributions:

- On Friday 21 March 2025, presentations and film screenings of HEIDI'S ICE and THE ICE
 BUILDER'S will take place at UNESCO headquarters in Paris. The COVERPROJECT
 FOUNDATION will be represented by Foundation Board member Thomas Spiegelberg in the
 subsequent panel discussion on the topic of 'Ice Stupa'.
- On Friday 21 March 2025 at 07.20 pm, ARTE Journal will broadcast a report on the topic of snow rope and ice stupa from the Engadin, Corvatsch and Diavolezza, with Dr Felix Keller, glaciologist and COVERPROJECT FOUNDATION Board member.

The **COVERPROJECT FOUNDATION** stands for saving glaciers and drinking water reserves. To this end, it has been pursuing four implementation goals with concrete measures since its foundation in 2020.

1. Support and development of a low-energy **« snow rope »** system for the purpose of making snow on glaciers with glacier dew or secondary water, as snow acts as the best insulator on the glacier.

The tested snow rope technology is also used in creeping permafrost sections of ski slopes, critical topographical piste areas, half pipes or cross-country ski trails.



 Supporting the efficient construction of ice stupas by developing an automated control system the size of a suitcase. For example, in 2024/2025 in use in Ladakh, India, and in the CH-Engadin at the Diavolezza cable car valley station.



3. Thanks to the realisation of a clearly defined foundation project, a **microplastic-free fleece** for glacier cover and snow farming has been developed and tested over the last three years.

The innovative PLA cover (pictured in the foreground) will now be used in five Swiss mountain railway operator destinations in spring & summer 2025 & 2026.



4. With the **snow rope technology**, **combined with the automated control system** for more **efficient construction of ice stupas**, a multiple of stupas can be realised in a short time for the purpose of drinking water reserves of settlements and villages.



Using a microplastic-free PLA cover, a « **stupa mantle** » can significantly delay the melting of the ice cone.

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Samedan, 17. März 2025