

Ski area buys Synhelion solar diesel for snow groomers

Zurich, January 28, 2025

Lenzerheide Bergbahnen AG, a leading Swiss tourism company, has signed a long-term offtake agreement for solar diesel with Synhelion. The renewable fuel will be used in the snow groomers of the Arosa Lenzerheide ski area for slope preparation starting from the 2027/2028 season.

With this step, Lenzerheide Bergbahnen AG is taking a pioneering role in the use of renewable fuels in an application area outside the traditional transportation sectors such as aviation, shipping, and road transportation. Synhelion's synthetic fuels are produced from solar energy and are compatible with conventional internal combustion engines. The solar diesel will be produced at plant RISE in Spain, Synhelion's first commercial solar fuel plant, which is expected to be operational from 2027.

Pioneering use of solar fuels

Lenzerheide Bergbahnen AG has made a conscious decision to use sustainable fuel and is thus contributing to the scaling of solar fuel technology. Felix Frei, Chairman of the Board of Lenzerheide Bergbahnen AG, explains: "We want to contribute actively to the energy transition and break new ground. By using solar diesel in our snow groomers, we are setting an example of responsible entrepreneurship and supporting our vision of a more sustainable ski area operation. We are proud to be part of this pioneering partnership with Synhelion."

Solar diesel as key technology for sustainability

Synhelion is successfully scaling its technology for the production of synthetic fuels from solar energy. With [DAWN](#), the industrial demonstration plant in Germany, an important milestone in the scaling of the technology was already achieved in 2024. [RISE](#), the first commercial production plant in Spain, will produce synthetic fuels such as kerosene, diesel, and gasoline starting in 2027. Philipp Furler, Co-CEO and Co-Founder of Synhelion, comments: "Together with Lenzerheide Bergbahnen AG we will demonstrate the versatility and resilience of our solar fuels. By purchasing solar diesel, they are sending a strong signal in favor of innovation and sustainability in the tourism industry and supporting the scaling of our technology."

In addition to Lenzerheide Bergbahnen AG, other solar fuel pioneers such as [Pilatus Aircraft, Zurich Airport](#), the [AMAG Group](#), and the [Lake Lucerne Navigation Company](#) have recently signed offtake agreements for solar fuel with Synhelion.

About Lenzerheide Bergbahnen AG

Lenzerheide Bergbahnen AG is a leading Swiss transportation and tourism company based in Lenzerheide in the canton of Graubünden. The company's history began in 1936 with the opening of the first funicular from Val Sporz to Tgantieni, which launched winter tourism in the region.

The company employs approximately 220 people and generated transportation revenues of 33.8 million Swiss francs in fiscal year 2023/24.

The company's values are based on sustainability, quality, and innovation. Lenzerheide Bergbahnen AG is committed to protecting the environment and promoting sustainable tourism. Quality and customer satisfaction are at the center of its services, and the company constantly strives for innovation in order to offer guests an unforgettable experience.

Lenzerheide Bergbahnen AG is proud of its long history and its role as a key player in Swiss tourism. With a strong focus on sustainability and quality, the company remains committed to promoting and developing the Arosa Lenzerheide region as a first-class destination.

Further information can be found at www.arosalenzerheide.swiss.

About Synhelion

Synhelion produces sustainable solar fuels. The cleantech scale-up company is on a mission to contribute to a net-zero transportation sector by replacing fossil fuels with renewable solar fuels. Founded in 2016 as a spin-off of ETH Zurich, Synhelion is now commercializing the Sun-to-Liquid technology. In June 2024, the company inaugurated DAWN, the world's first industrial plant for the production of solar fuel in Jülich, Germany. RISE, Synhelion's first commercial production plant, will be located in Spain and is scheduled to produce fuels from 2027. On its road to defossilize transportation, Synhelion is supported by a network of international partners such as Eni, Cemex, Lufthansa Group, Swiss International Air Lines, SMS group, Wood, AMAG Group, Zurich Airport, and Pilatus Aircraft. For more information, please visit www.synhelion.com.

Press picture ([download](#))



Caption: Lenzerheide Bergbahnen AG and Synhelion sign a long-term offtake agreement for renewable diesel to power snow groomers at the Arosa Lenzerheide ski area. (Pictured from left to right: Andreas Rübél, Business Development Manager at Synhelion, Philipp Furler, Co-CEO and Co-Founder of Synhelion, Thomas Küng, CEO of Lenzerheide Bergbahnen AG, Christian Wyrsh, Head of Sales and Digitalization at Lenzerheide Bergbahnen AG, and Othmar Kurath, Head of Lift Operations at Lenzerheide Bergbahnen AG. Source: Lenzerheide Bergbahnen AG.



Press Kit

Further information about Synhelion as well as image and video material are available in our press kit:
<https://synhelion.com/press-kit>.

Contact for press enquiries

Carmen Murer
Head Corporate Communication, Synhelion
Mobile: +41 79 619 52 11
E-mail: carmen.murer@synhelion.com

Felix Frei
Chairman of the Board of
Lenzerheide Bergbahnen AG
Mobile: +41 79 301 62 42
E-mail: felix.frei@arosalenzerheide.swiss