

Media release

## **aliunid and VUE naturemade test the certification of an ecological real-time electricity product**

**The Swiss start-up aliunid is working together with the VUE Association for Environmentally Sound Energy on the energy supply of the future. In a field test, transparent, real-time electricity products from ecological energy sources and the associated certification requirements are to be tested.**

Brugg and Zurich, July 2022. Switzerland's energy supply is undergoing fundamental change. In this context, the VUE Association for Environmentally Sound Energy - bearer of the "naturemade" quality label - is strongly committed to accelerating the transition to a 100% ecological energy supply. This applies to both energy production and the supply mix in Switzerland. An important element in this is the guarantee of origin system (HKN), which confirms the production and consumption of green electricity.

So far, this confirmation has been done on an annual basis. In order to be able to transparently document the production and consumption of electricity at any time, VUE and aliunid are testing a real-time-based electricity product and the associated certification requirements. aliunid measures, analyses and controls energy flows from the household socket via the distribution cabin and transformer to the power plant. This expertise is the basis of aliunid's real-time solutions and will serve the development of the new certification system.

"Together with VUE, we are leading the way to a customer- and climate-friendly, ecological energy future," says David Thiel, CEO of aliunid. "The REAL TIME electricity product from aliunid and VUE's extensive experience in the field of certification are key to this. Electricity products based on real-time data have a completely new quality, they make energy tangible and document the origin of electricity more promptly, i.e. more transparently than before. This brings added value for everyone - energy producers, suppliers and end customers.

"The greening of electricity supply in Switzerland should be accelerated. VUE is convinced that near real-time certificates 'naturemade realtime' can make a significant and credible contribution to this," explains Pascal Steingruber, Managing Director of VUE. "Customers should receive more transparency and electricity producers the right market incentives so that the right ecological energy production plants are built in the right places in the future.

In a field test, the new certification system will be developed, tested and evaluated for 12 months from July 2022. The "naturemade realtime" field test is to be completed with the world's first real-time certified

electricity products and the range of the "naturemade" label will be expanded accordingly. Swiss energy suppliers, electricity producers and end customers are invited to participate in the field test. The new certification system will also be open to other qualified providers of real-time products and services, and will be accessible on a non-discriminatory basis. In addition to accelerating the transition to a 100% climate-friendly and ecological energy supply, the focus of the field test is on customer friendliness and data protection.

Based on real-time information, consumers can see their current electricity mix and consumption in an app. This is made possible by the aliunid GATEWAY as a link between the electricity meter in the household and the digital applications from aliunid. In addition, with the distributed Swiss Internet of Things (dsIoT), co-developed by aliunid, each metering point has its own private cloud where individual data is securely stored.

Further information: [www.aliunid.com](http://www.aliunid.com); [www.naturemade.ch](http://www.naturemade.ch)

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About aliunid:

aliunid [all you need] is a digital energy supply company (EVU). The Swiss start-up does without its own physical infrastructures such as grids, transformers and power plants, and adds value by means of real-time data, connectivity and its own Swiss Internet of Things (IoT) platform, as a white-label offering for energy suppliers, grid operators and energy producers. This enables the entire energy system to react more flexibly to weather-dependent solar power and the new demands of electromobility, and helps end customers to save electricity and CO<sub>2</sub>. Dr. David Thiel and Prof. Dr. Andreas Danuser founded aliunid in spring 2018. They bring their many years of experience to an interdisciplinary team of around 30 experts to shape the energy supply of tomorrow.

aliunid is strongly anchored in the Swiss energy sector. The community includes around 25 Swiss companies from all parts of the country at all stages of the energy value chain. This enables practical development and implementation. The startup is supported by the Swiss Federal Office of Energy, ETH Zurich, Empa, Bern University of Applied Sciences and HES-SO Valais, the EU's Horizon 2020 research programme and, since August 2021, the Technology Fund of the Swiss Confederation. The Swiss energy start-up was awarded the Energiewende Award in autumn 2021 for the customer-friendliness of its solutions from among more than 1700 providers from Switzerland, Germany and Austria.

About the VUE:

Founded in 1999, the VUE Association for Environmentally Sound Energy is the bearer of the naturemade quality label. naturemade is the credible quality label for the certification of renewable and ecological energy, resource efficiency and energy neutrality, nationally and internationally. Quality differentiation is achieved with a system of four points. They stand for gradually increasing proportions of naturemade star

energy, for which the strictest ecological requirements apply. Four dots in the logo distinguish the highest quality level, which stands for 100% naturemade star share.

Anyone who orders electricity products with the naturemade quality label pays into a fund for ecological improvement measures. The naturemade eco-fund makes an additional contribution to reducing and offsetting unavoidable impacts of the energy system on the climate and nature, and to substituting non-renewable energy. In this way, naturemade customers are gradually ecologising the energy system, particularly in Switzerland. Members of VUE are environmental and consumer organisations, major energy consumers, energy producers and suppliers, and renewable energy associations.