



INNOVATION TO COMPANY

Die Startup Challenge der WK Wien

CHALLENGE DESCRIPTION

Verbund

VERBUND is Austria's leading electricity company and one of the largest producers of electricity from hydropower in Europe; it generates more than 90% of its electricity from hydropower. Additionally, VERBUND has a market share of 7% in the small customer segment for electricity and a share of around 20% in the large customer segment. Through its subsidiaries and partners, VERBUND is involved in electricity generation and transportation as well as international sales and distribution.

VERBUND Solutions, one of the company's subsidiaries, deals with special fields of innovation and develops services that are used by the customer directly. An integral component of the product range is VERBUND Eco Home, which is a plug-and-play solution that can be installed quickly and easily, and needs no wiring. The solution's two most crucial components are a central control unit that controls lighting, shadowing and temperature, and the (proprietary) VERBUND electricity-measuring module (see page 2 for details).

Category:

Data analytics – software

Must have: VERBUND is via “innovation to company” looking for startups with data analytics solutions to provide consumption forecasts (individual and total consumption) for customers (B2C – households = house & apartment). Solutions can relate to any sort of household appliances or entertainment devices (classic white and brown goods), photovoltaic systems, electric cars, battery storage, buffer storage, and heating and cooling systems.

Attention: please consider special complexity for individual household facilities and consumer behavior. In regard to a neighborhood comparison (peer group), a possible approach may be the intersection of individually and statistically collected consumption data (seasonality).

VERBUND's goal is to make electricity bills calculable and enable its customers to be energy efficient.

Optional: The focus of the challenge is on consumption forecast solutions; ideally, it should also be supplemented with the following components:

- Pattern recognition or automatic identification of individual devices or consumers
- Production forecast for private photovoltaic systems

Add-on: Solutions are preferred that include a social approach (e.g. "gamification") or allow for attractive visualization. They should create incentives for comparisons (within the neighborhood) and generate interactions about energy efficiency. The goal is to use this to influence patterns of action and offer incentives for shifts in consumption.

Eligibility criteria:

VERBUND is looking for:

- An existing startup
- Stage: at least a prototype, ideally a finished application on the market
- Readiness to collaborate with VERBUND in Vienna – meeting, pitching, roll-out of the business with VERBUND at/from the Vienna location

What is in it for you?

VERBUND has a special offer for the challenge's three finalists: executive learning and exchange as part of "One day at VERBUND". The program for this special event will be shared with the finalists as soon as possible.

VERBUND will also offer the winning team the following services:

- Equity-free prize of EUR 8,000, as well as:
- Integration of the solution into the existing smart home concept (Eco Home) and
- Inclusion in VERBUND's partner and supplier network and
- Integration into VERBUND's public relations activities
- A future investment is possible

Information on VERBUND Eco Home:

VERBUND Eco-Home Tutorial - 1. Home Screen: <https://www.youtube.com/watch?v=vxPEOesE6JE>

VERBUND Eco-Home Tutorial - 2. Control Tab: https://www.youtube.com/watch?v=4UD_T01bjX0

VERBUND Eco-Home Tutorial - 3. Energy Tab: <https://www.youtube.com/watch?v=Wb4VJVSyqpY>

Disclaimer:

All persons who fulfil the above-mentioned participation criteria are entitled to participate. Participation is barred to employees of VERBUND and their families, as well as to public officials.

VERBUND defines an assignment, on the basis of which innovative start-ups are registered via the project web site www.innovation2company.wien on an online platform (www.dealmatrix.io). The participants in question are pre-selected via these platforms, and are subsequently presented to the buddy company. The most suitable three start-ups are then selected for the final by VERBUND with the assistance of the coaches; the finalists are notified by email. In the final stage the ideas are finalised and presented. A winner may be selected from the finalists.

No legal claims may be made in connection with the contracts concluded between the start-up and VERBUND. Similarly, no legal claim may be made in connection with the final selection and/or nomination of a winner. The conditions for participation, parts of the process or even the entire process may be amended at any time. The amendments will be notified in a timely manner and publicised on the platform www.innovation2company.wien.

There is a possibility, and participants expressly acknowledge, that the research, development and other activities of the participants and VERBUND may overlap thematically. No claims of any kind may be made by the participants in connection herewith.

In registering for the competition, the participant gives his full consent to this disclaimer.