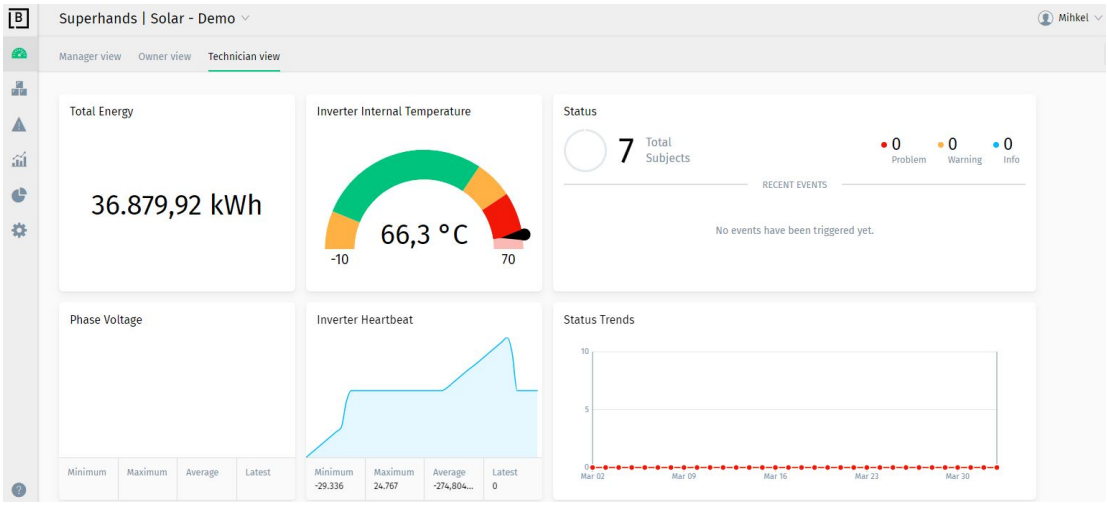
Introduction of the PowerUp! 2020 Estonian finalists

1. Optigon (https://www.optigon.ee)
Vok is a shared 4-wheeled e-bike that replaces the car in dense urban areas. Vok offers functionality that is currently lacking in micro mobility - weather protection, cargo space and ability to carry a passenger.

2. Local Offset (https://localoffset.org/)
Local Offset offers companies an opportunity to offset their climate footprint in local natural resources - by preserving forests, restoring wetlands, improving agricultural activities, etc. We're building a platform that tokenizes natural resources for their carbon offset and biodiversity, - and, by that, brings transparency and trust to the current voluntary carbon offset market.

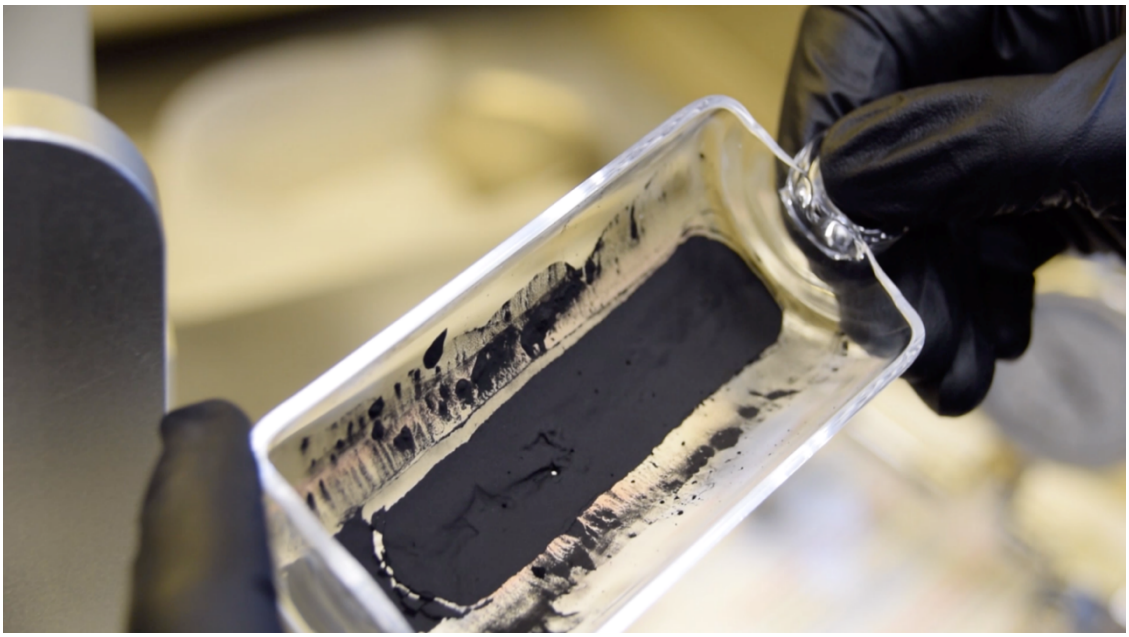
3. Superhands (https://superhands.ee/en/demo)

We connect data from inverters, meters and sensors of different vendors using existing API-s or 3rd party connectivity devices. This enables us to collect all needed data and help customers manage all their sites at single system – therefore simplifying management, handling and amount of IT-systems. Availability of reliable and usable data is enabling analytics and AI to find efficiency increase opportunities together with means to preventive maintenance and cost reduction.



4. Up Catalyst

Up Catalyst is producing novel carbon nanomaterials in a circular economy process. Nanomaterials are CO2-grown or made from waste materials such as the wastes of wood, pulp and paper industry.



5. Woola (https://www.woola.xyz/)
Woola is producing protective packaging out of sheep wool to reduce the plastic waste of e-commerce.

6. CUPLOOP (www.cuploop.com)
EU bans single-use plastics by 2021; countries around the world have been gradually reducing use of single-use plastic items and shifting to reusable. CUPLOOP delivers collecting robots (software and hardware technology) for Smart Usage Circle of Reusable RFID Tableware and

unique reversal NFC payment for deposit return. Solution was tested in small-scale on Tallinn Food Festival in 2019.

7. SKYCORP (www.sky-corp.eu)

SKYCORP has extended flight times for drones from minutes to hours with hydrogen technologies. By automating the entire ecosystem it's seeking to not only reduce the need for expensive manned aviation, but also land traffic and the related carbon footprint. Creating the Drone Cities of the future allows to aerially extend the access of amenities and services to neigbouring settlements.

EDRONE ZERO