Yettel.

craft hub

Energy efficiency in office and home

Did you know that our demand for energy grows by about 3% per year? Or that 60 minutes of solar energy could power the Earth for a year? Using our energy sources efficiently is essential today to minimize not only our bills' amount but also greenhouse gas emissions and other related problems.

Introduction to the Challenge

Europe is at a major energy and circular economy transition. The European Commission proposes to cut greenhouse gas emissions by at least 55% by 2030, setting Europe on a path to becoming climate neutral by 2050.

For these goals to be met, there's a strong need for rethinking organizations' and individuals' behavior in order to reduce the global carbon footprint. Cities need to create climate-friendly and sustainable urban areas, build infrastructure, and create energy and environment policies.

Yettel is aiming to lead the way in accelerating technological innovation and the transition towards climate-friendly and sustainable use of energy and raw materials. People and companies need guidance to find the way to make their lives sustainable and how to support each other on this difficult path.

This way your task in this challenge is to create new, digital solutions to simplify energy savings and boost the circular economy for energy and resource efficiency both at home and in the workplace.

- Motivate people and companies to save energy and reduce energy consumption at homes and in the offices
- Support municipalities, industries and organizations to save energy and transition to green energy
- Simplify waste collection and recycling, make it more energy efficient with ICT solutions - for individuals, households and communities
- Aggregate open and social networks data to enable new services for energy and raw materials saving
- Circularize energy waste

Implementation and technology

Your digital data driven solution can be but is not limited to: apps for smartphones and IoT - devices, web services and applications for data and knowledge sharing, the use of open data, artificial intelligence solutions and other novel ideas supporting smart energy and green communities initiatives.

The outcome of the hackathon should be a practical demo or MVP of a digital solution contributing to Hungarian and worldwide goals of energy efficiency and efficient circular economy.

Judging criteria

The jury members of this challenge will ask the following questions while evaluating the projects:

- Does It Offer Any Value to Businesses?
- Does It Make People Go, "Wow?"
- Can It Be Done in the Real World?
- Was It the Most Innovative Solution?

And also use the following criteria:

- Fresh point of view
- Impact/Value
- Prototype
- Technology – following trends
- Sustainability
- Presentation

Prizes

The best project of the challenge is going to win 2,500 €.