

YESpecialists good practice

Name: First Lego League Hardanger

Country: Norway

Timeframe: 1 September 2022 – 20 December 2022

Target group:

Children and young people aged 10-16 yrs

Budget and financing: Children and young people; Teachers

Description:

FIRST® LEGO® League introduces science, technology, engineering, and math (STEM) to children aged 4-16 through fun, exciting hands-on learning. Participants gain real-world problem solving experience through a guided, global robotics program, helping today's students and teachers build a better future together. It inspires youth to experiment and grow their critical thinking, coding, and design skills through hands-on STEM learning and robotics.

Regional competition of 8 weeks with 350 students - 22 teams. Topic: Future energy

4 different sub-competitions: Robotics, Technology, Core values and Innovation

Winning ideas which go further to the Scandinavian Finals in December:

- charging electric cars on ferry
- Activity Parc at an industrial site (not used anymore) with solar panels on the roof

Activities:

Regional FLL Competition in November 2022

Scandinavian FLL Competition in December 2022

Outputs

Impact:

Inspire youth to experiment and grow their critical thinking, coding, and design skills through hands-on STEM learning and robotics.

Success factors:

Entrepreneurial skills in practice, inspiration and motivation, Team work

Achievements: Winning regional ideas which go further to the Scandinavian Finals in December:

- charging electric cars on ferry
- Activity Parc at an industrial site (not used anymore) with solar panels on the roof

Website/ Media

<https://hjernekraft.org/challenge/turneringer/turnering?lang=se&id=375>

Local papers Hardanger Folkeblad: <https://www.hardanger-folkeblad.no/first-lego-league/>

Winners: <https://www.hardanger-folkeblad.no/dette-er-vinnarane-av-first-lego-league-ullensvang/s/5-22-469348>

FACEBOOK: <https://www.facebook.com/KraftLaben/>

Gallery:

Gallery zipped file:

Map:

Contact:



Co-funded by the
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of the European Union

Contact:

Contributor:

Concrete example of Local Ecosystem:

Primary and secondary schools in the region

Business sector

Public sector

NGOs

In total: 20 judges