

Report on the activity in the framework of the European Inventor Network



To be sent to:

Marjorie Chopinaud

Coordinator of the European Inventor Network

mchopinaud@epo.org

Name of the alumnus who implemented the activity

Em. Prof. Johan Martens

Short description of the activity

Interactive workshop to arouse young people's interest in science by letting them perform a series of hands-on experiments. The **Waterlab** workshop at KU Leuven's 'Kinderuniversiteit2024' tells the story of Captain Ogar Fuan and his crew members, who were shipwrecked in the Caribe and had to come up with a solution to make clean water and to generate electricity to power the motor of their lifeboats using nothing but a plastic container, salt water, a solar simulator lamp, a magnet bar, straw, copper cables and a peltier plate. The experiments have been devised to familiarise the participants with the concept of water evaporation/condensation and the very basics of power/electricity generation using Faraday's Law.

Date and place of the activity

19-10-2024 (morning and afternoon sessions), KU Leuven (Heverlee, Belgium)

Audience (number and age of the participants)

2 x 30 children between 8-13 years old (divided into 10 groups of 3)

Outcomes and achievement

The workshops were a success, and we received great feedback from both the participants and their parents. Pictures of the event can be found at '[Kinderuniversiteit2024 — Waterlab](#)'.

The activities of the 'Kinderuniversiteit2024' and the 'Waterlab' also attracted the attention of the local press:

<https://www.robtv.be/nieuws/kinderuniversiteit-ontvangt-400-kinderen-bij-twintigste-verjaardag-inschrijvingen-na-een-half-uur-vol-194887>

Recommendations

This first activity of the Waterlab was a resounding success thanks to the large number of volunteers organising and supervising the event. Moving forward with the Waterlab, we must build on this commitment and try to expand our network of stakeholders establishing a solid base of volunteers to educate and enthuse young generations about water-related sciences.

Attachments:





