Markgröningen, 15.10.2019

**norelem presents the winner of the 2019 Engineering Newcomer**

Innovative ideas and international participants in this sixth instalment of the popular design competition

**Raise the curtain for the winner of the 2019 Engineering Newcomer: At the Motek trade show, norelem, together with CADENAS GmbH, the Federal Working Group for Technical Schools and MDESIGN, nominated the best design projects from students and pupils.**

The field of participants shows how well known internationally the [design competition](https://www.norelem.de/de/en/News/News/News/Engineering-Newcomer-2019.html) has now become: norelem received submissions from Germany, Austria, Italy and even India and Nigeria. norelem has been on the lookout for the best Engineering Newcomer since 2014. Pupils and students can apply with their project or final thesis in the field of engineering and development. A top-class jury selects the winners, who are rewarded with an attractive cash prize for the students and their educational institution.

This year, the first prize went to the project Ina'Lite: Four students - Okpamen Obasogie, Benedict Usifoh, Efenudu Hermans and Osasumwen Obasogie from the Kware State University, Nigeria developed an affordable and lightweight thermoelectric generator that converts heat into clean electricity (10-15 Watt). The energy generated can be used to operate LED lamps and charge mobile phones via a USB connection.

An aluminium tray press with integrated cleaning was able to secure second place: The solution enables aluminium meal trays to be pressed in order to ensure resource-efficient recycling. The press was created as part of the diploma thesis of Albin Wolfersberger and Tobias Zehnder at the HTBLuVA Salzburg.

The project EasyBoat was able to navigate its way to third place in this year's design competition: Matthias Hengge, Gabriel Eugler and Alexander Stoll designed a streamlined and lightweight electric boat drive for fishermen, hobby anglers and boatmen at the Technikerschule Allgäu. The drive is suitable for various types of boats and is easy to handle.

Characters including spaces: 2,000