



The marathon of ideas was promoted with IUAV and SMACT

## **HEAT, PURIFIED AIR, MULTIPLE FUNCTIONS YOUNG TALENTS DESIGN THE FUTURE STOVE AT THE HACKATHON OF «PROGETTO FUOCO»**

*Six teams of students, startupper and researchers worked for a whole day to respond to the topics proposed by three leading companies in the sector: Edilkamin, La Nordica Extraflame and Palazzetti*

Verona, 7 May 2022 – Thirty students and startupper, three leading companies and six innovative projects to reinvent the world of stoves and barbecues. The Hackathon of Progetto Fuoco, the world's most important trade-show dedicated to the biomass heating sector promoted by Piemmeti and scheduled at the Verona Exhibition Centre until Saturday 7 May, was held on 5 May.

The students, selected by IUAV, the University Institute of Architecture of Venice, and guided by the professors of SMACT - Competence Centre of the Northeast, were divided into six teams. Based on the briefs assigned to them by the companies, they competed in a "marathon of ideas" that lasted from 10 a.m. to 4 p.m., to respond to the challenges proposed by the three leading companies in the sector: Edilkamin, La Nordica Extraflame and Palazzetti.

«The objective of this hackathon was to open bridges with the world of research," says Raul Barbieri, Piemmeti's CEO. "The value of the young participants was to bring fresh, digital and highly innovative ideas, without forgetting tradition and corporate values».

«In six hours, the students produced truly original results," explains Professor Maximiliano Romero, professor of industrial design at the IUAV and scientific coordinator of the hackathon, "applying the scientific approach they study at university, and interpreting the values of companies. The Applicability award is dedicated to applied research, the Innovation award values the vision of the future».

At the end of the day, the six teams presented their projects to the Progetto Fuoco audience in short pitches attended by the juries formed by the three companies. A verdict emerged in which each company awarded two prizes, one for the Innovation of the proposal and one for its Applicability.

### **Free-form stove**

The E1 group, formed by Simona D'Amato, Giovanni Di Bartolo, Carmen Digiorgio, Sara Labidi, Martina Megna and Paolo Sgarzi, won Edilkamin's Innovation Award. The basic idea is to unhinge the classic idea of a pellet stove, creating a free form that can give a new image to the purification system, heating in the winter months and cooling the air in the hot months. An object, in short, to be used all year round.

### **Heating and purification**

The E2 group, consisting of Chiara Caniglia, Francesca Chierchia, Flavia Di Giovanni, Elisabetta Grossa and Rebecca Tremazzi, won Edilkamin's Applicability Award, proposing a modular solution that integrates an air purification system with sensors into an existing stove model.

### **Multifunctional heat**

The N1 group, formed by Camilla Erba, Anna Faoro, Gianmarco Poggiana and Emma Scala, was awarded a prize by La Nordica Extraflame for the applicability of the proposal, which suggests a design that on the one hand allows heat to be transported anywhere in the home, and, on the other hand, makes the stove part of the furnishings, capable of performing various functions including heating food or acting as a shelf for objects.

### **The inspiration of rock inscriptions**

Group N2, formed by Martina Bresciani, Francesco Carraretto, Alessia Guerrera, Giulia Patellaro and Ilenia Romana, won the award for Innovation from La Nordica Extraflame. Inspired by the rock inscriptions in the Chauvet caves, the students designed sketches that enhanced the domestic experience exclusively created by fire, for example by making the stove part of a piece of furniture that allows seating.

### **An 'S' for the barbecue of the future**

The P1 group, formed by Elisabetta Crepaldi, Fabio Ferrulli, Valentina Filosa, Annarita Morisco and Nikita Qahalliu, was awarded a prize by Palazzetti for the applicability of its proposal: a modular system for the outdoor kitchen that draws a sinuous 'S' with space for the barbecue and for guest seating, using concrete and folded sheet metal as materials.

### **Fire and table in one object**

Finally, the P2 team, consisting of Ludovica Bellussi, Lisa Bortoletto, Sovan Brigati, Elisa Venturini and Paola Ziero, received the Innovation Award from Palazzetti with a curved outdoor cooking system, in which the cooking area is close to the food consumption area, according to an oriental style in which the cook is in direct contact with the customer.

Progetto Fuoco, scheduled from 4 to 7 May 2022 at the Verona Exhibition Centre. With over 800 exhibitors and 65,000 visitors expected, it is the world's most important event dedicated to the heating and energy production sector through wood combustion.

<https://www.progettofuoco.com/>

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