

## **The Audi Environmental Foundation awards prize to research paper on climate-friendly energy concept**

- **Award recipient and Technische Hochschule Ingolstadt alumnus Roman Schiebel accoladed for bachelor thesis modeling a sustainable new building and energy concept**
- **The Audi Environmental Foundation honors student graduating theses with promising contributions to sustainability/environmental protection**
- **Rüdiger Recknagel, Director of the Audi Environmental Foundation: “We promote innovative approaches by young researchers in their local region”**

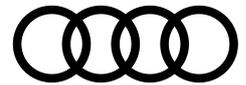
**Ingolstadt, December 6, 2021 – For the first time, the Audi Environmental Foundation is awarding the THI Sustainability Prize for scientific excellence at the Technische Hochschule Ingolstadt to promote academic talent within the region. The research paper that won the award models a sustainable energy concept that can make a significant contribution to future thermal energy and new building projects. This year’s award winner Roman Schiebel will receive 1,000 euro for his bachelor thesis.**

In his bachelor thesis titled “Modellierung und Simulation eines Plus-Energy-Mehrfamilienhauses” (“Modeling and simulating a plus-energy apartment building”) at the Institute of new Energy Systems, Roman Schiebel developed a computational model that employs AI to provide approaches for an optimal energy concept in new building projects. His research idea stands out through its level of scientific innovation, its contribution to sustainable heating in new building projects as well as its high social relevance. For these reasons, the thesis was awarded the Sustainability Prize for student graduating theses at the TH Ingolstadt. “The building sector accounts for roughly one third of Germany’s total energy consumption,” says Roman Schiebel. “That’s why it is crucial to find solutions for more sustainability in this area if we want to meet our climate goals. My bachelor thesis aims to help us take one more step in this direction. So I’m all the more pleased that it is also being recognized outside the university through this award.”

The Audi Environmental Foundation introduced the Sustainable Resource Management (SRM) Award at the Technische Universität München in 2011 to promote the ideas of gifted academics who make a significant contribution to sustainable resource management. “With the THI Sustainability Prize we now aim to also promote, right at the university in Ingolstadt, the work of young researchers who provide impetus for more environmental protection and ecological sustainability through their innovative approaches and promising solutions,” says Rüdiger Recknagel, Director of the Audi Environmental Foundation.

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The Audi Environmental Foundation is an active supporter of research into new technologies and scientific methods for a livable future. Its stated mission is to help protect the environment and to create and promote ways to act sustainably. The foundation particularly focuses on the advancement and development of environment-friendly technologies, environmental education programs, and efforts to protect the natural resources of humans, animals, and plants. It was founded in 2009 by AUDI AG as a wholly owned subsidiary and is part of the company’s activities in support of social and environmental causes.



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