

GREEN2SMART

Smart solutions for a sustainable green transformation of indoors

ProTELC Science Camps for Thuringia's Bachelor Students in STEM study programs

The ProTELC Science Camps...

supports innovation, networking and interdisciplinary work among Thuringia's engineering students by addressing up-to-date topics from the STEM industry. Participants take part in seminars, team building activities, field excursions, a "hands-on" project and interact with STEM actors. An initiative of the ALLIANZ THÜR ING and coordinated by the Bauhaus-University Weimar.

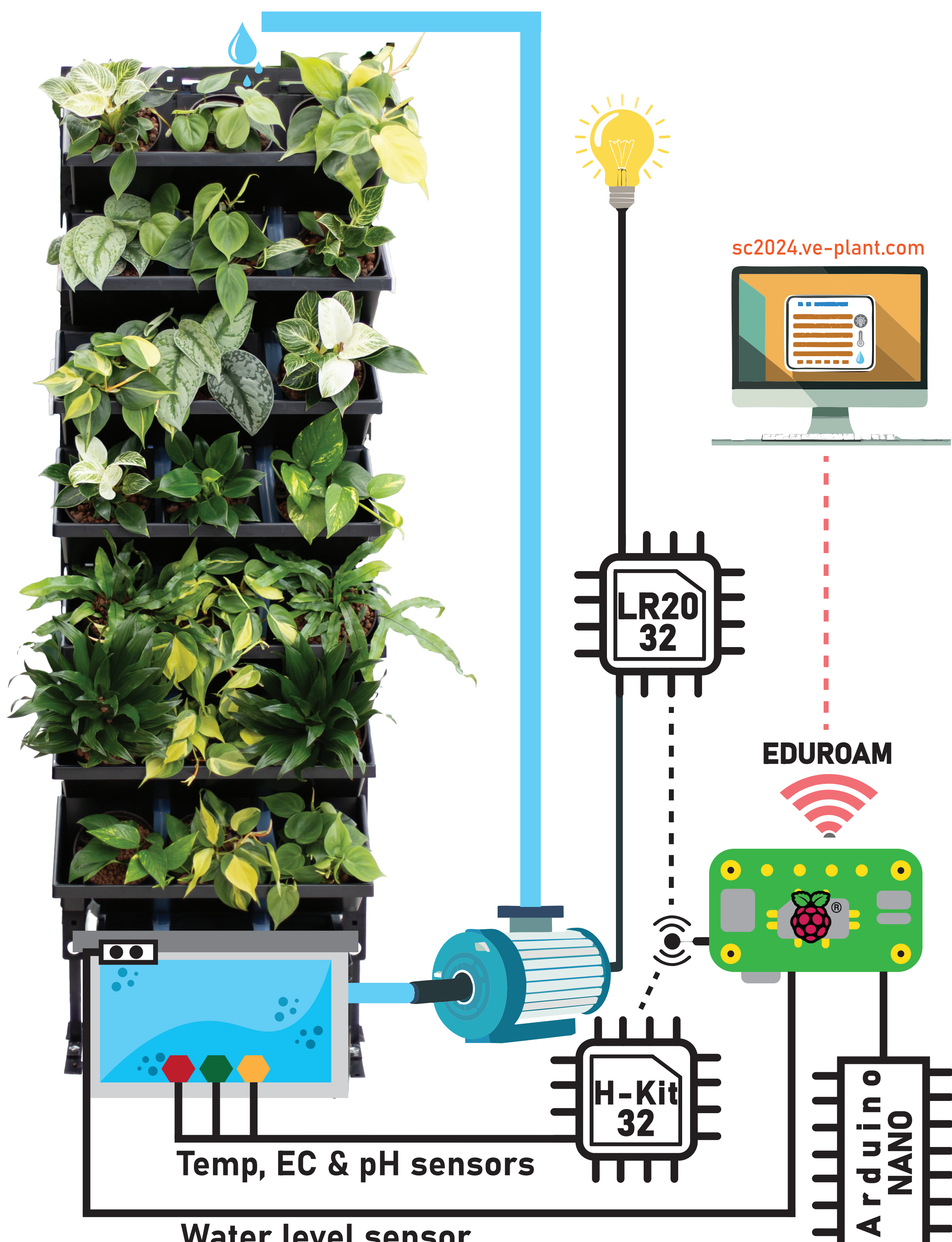
The Project

Seven mobile walls for interior greenery designed and constructed by seven teams and equipped with selected plants as well as technology. The event was organized and hosted by the Erfurt University of Applied Sciences (FH Erfurt) in close collaboration with Bauhaus-University Weimar (BUW), and it took place at the FH Erfurt Faculty of Landscape Architecture, Horticulture & Forestry from 11.03. to 20.03.2024.

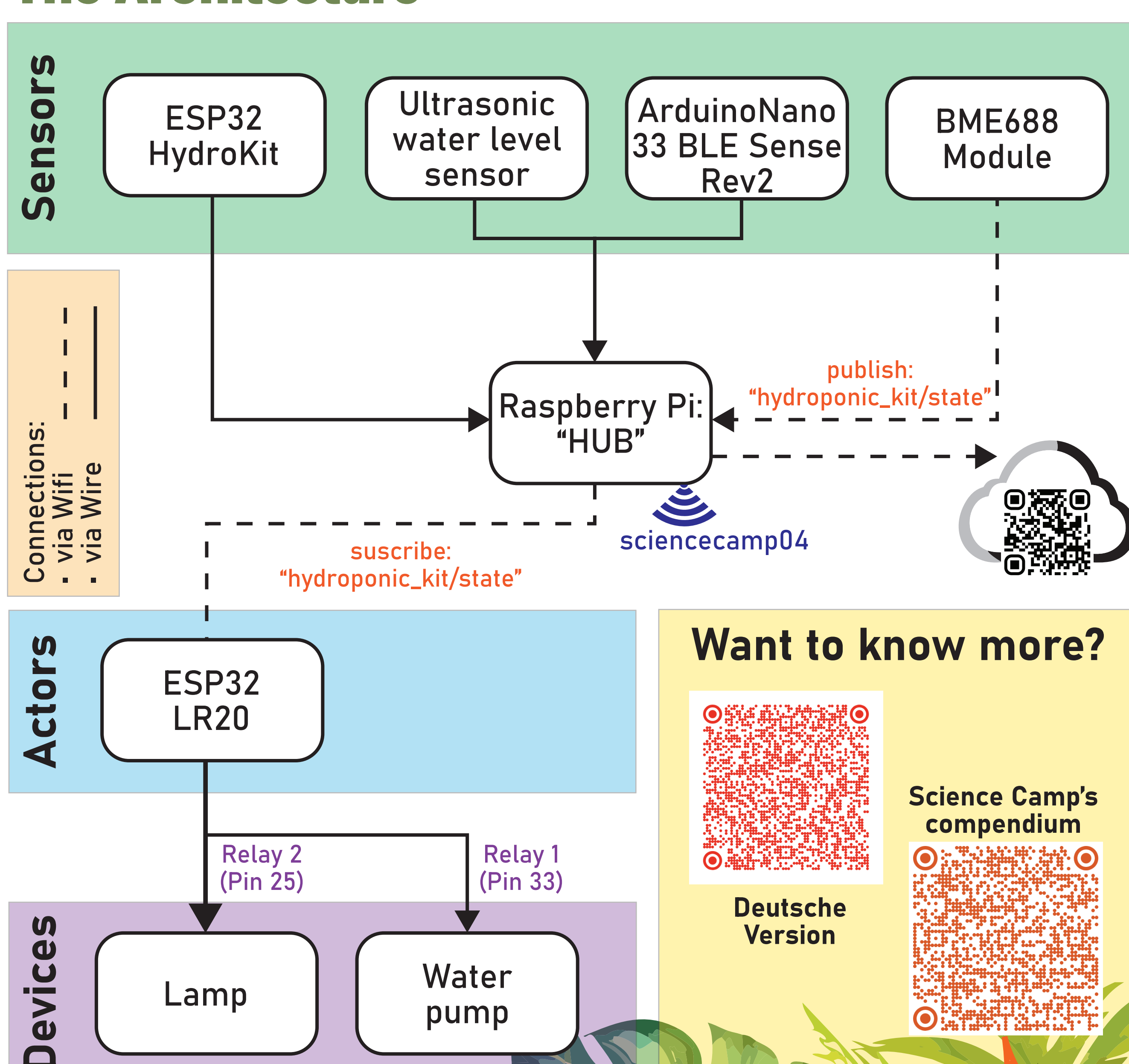
The Challenge

Setting up the indoor greening system and equipping it with microcontrollers and sensor technology. The tasks included the integration of all components as well as the automatization of lighting and irrigation systems.

The Solution



The Architecture



An Event from:

**ALLIANZ
THÜR
ING**

ProTELC

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VE.PLANT

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*Vectors created with Adobe's Generative AI

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