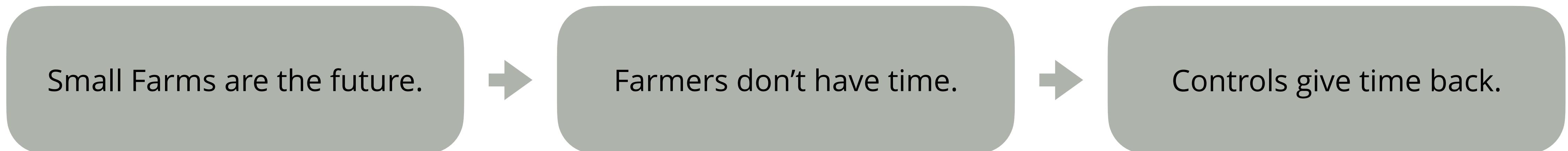




Kiau
Technologies

Why Ag?

Tech for agro-ecology



Contrary to popular belief, small farms already provide a majority of fresh produce consumed globally.¹

Additionally, most consumers prefer fresh, local, organic, nutritious produce. GMO's and chemical farm inputs are superior at producing more calories cheaply— but consistently underperform at producing nutritious, tasteful produce.²

Large, industrial, monoculture farms adopt the latest technology at higher rates than small farms.

During our customer discovery and market research process, we learned that this is more in part due to the lack of time, not capital.

Even small farms can find grants or investors to provide the upfront capital to acquire the latest tools—the issue is that the smaller farms have less people and less time to implement new solutions. As a result, the risk involved in adopting regenerative techniques is a result of lack of time, not capital.

Although invented in the early 1800's, thermostats did not become common place in households until the 1920's.

A similar situation is taking place on farms today. Many devices on farms are controlled manually, and connecting them via cellular is cost-prohibitive. Our low-power-consumption, decentralized mesh-network approach, packaged in an intuitive UX differentiates us from competitors.

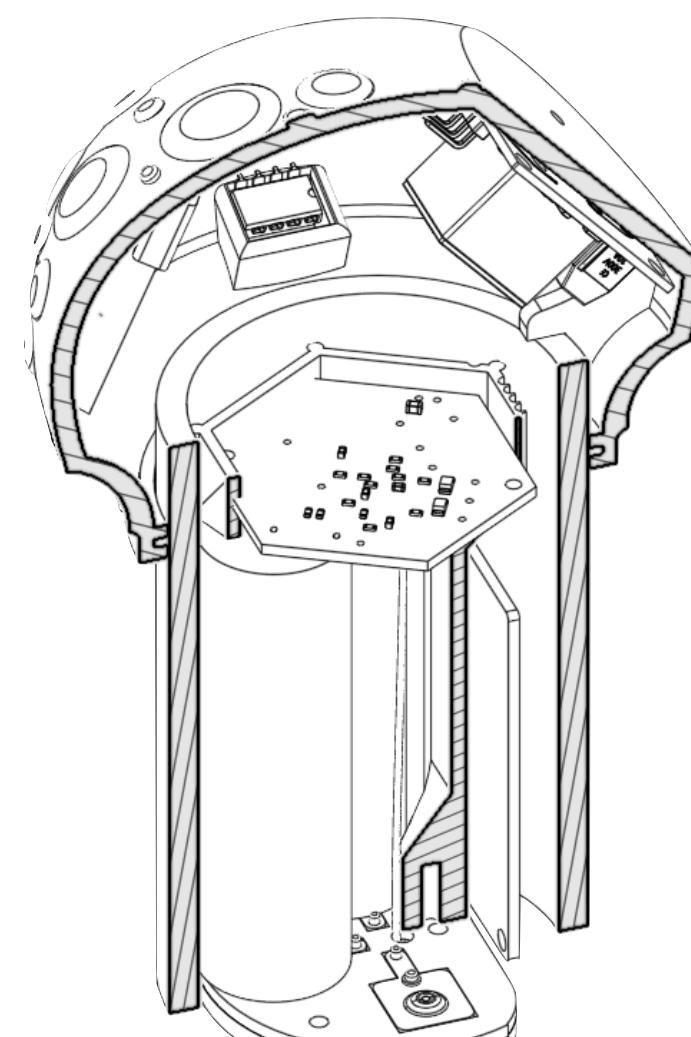
Modular, customizable hardware for outdoor applications has a future in numerous industries. We are starting with agriculture because of its complex design requirements and our passion for healthy, sustainable food production.

1 - Zandt, Florian. "The World's Smallest Farms Feed More People than You Might Think, Research Shows." World Economic Forum, World Economic Forum, October 6, 2021. <https://www.weforum.org/stories/2021/10/fuel-food-work-world-farms-agriculture/>.

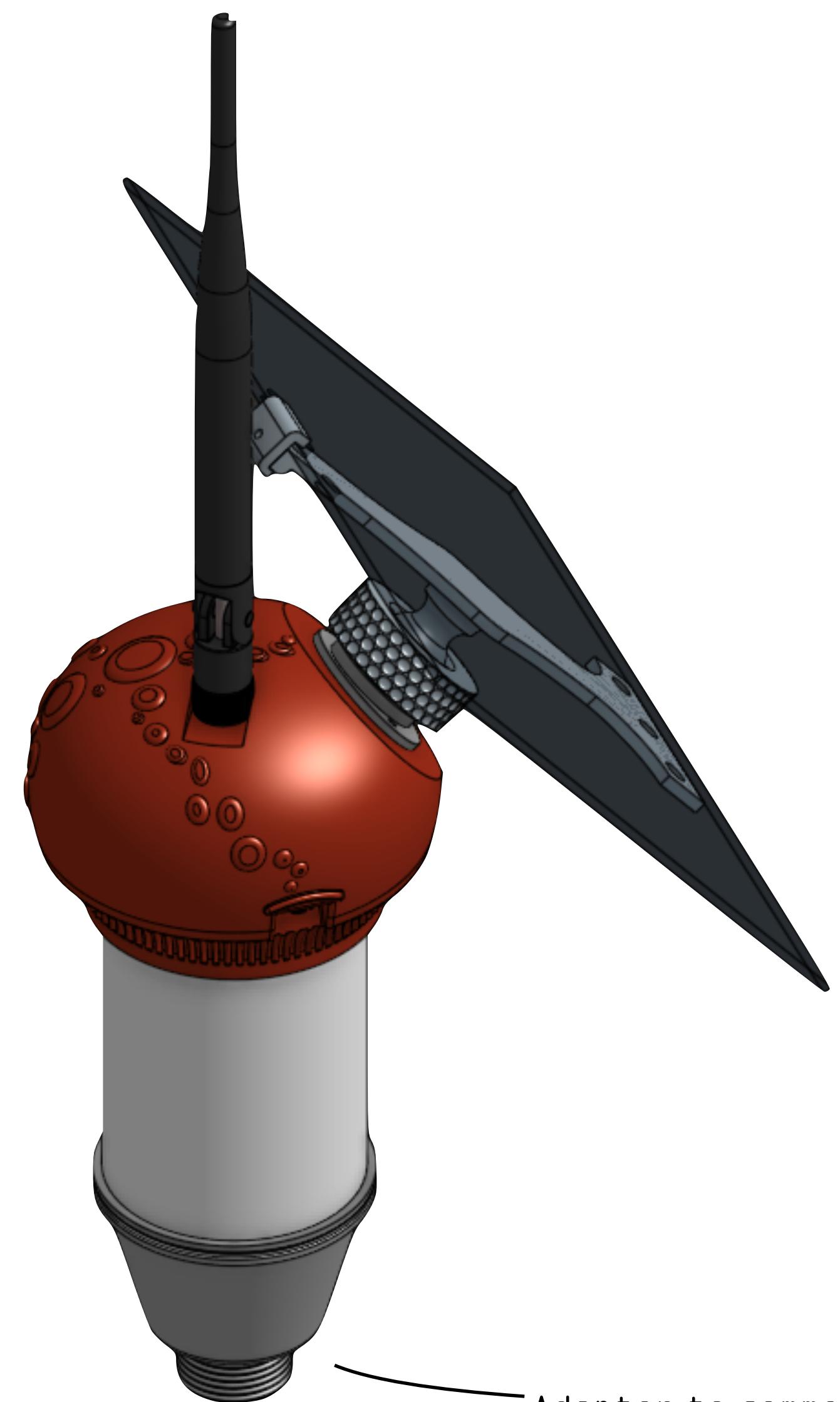
2 - Tran, Lan, and Ye Su. "Consumers' Health and Environmental Attitudes and Local Food Purchases." International Journal of Environmental Research and Public Health 22, no. 2 (2025): 298. <https://doi.org/10.3390/ijerph22020298>.

Product 1

A zero-energy IoT modular mesh platform for farmers, agronomists, and researchers to monitor soil conditions and health.

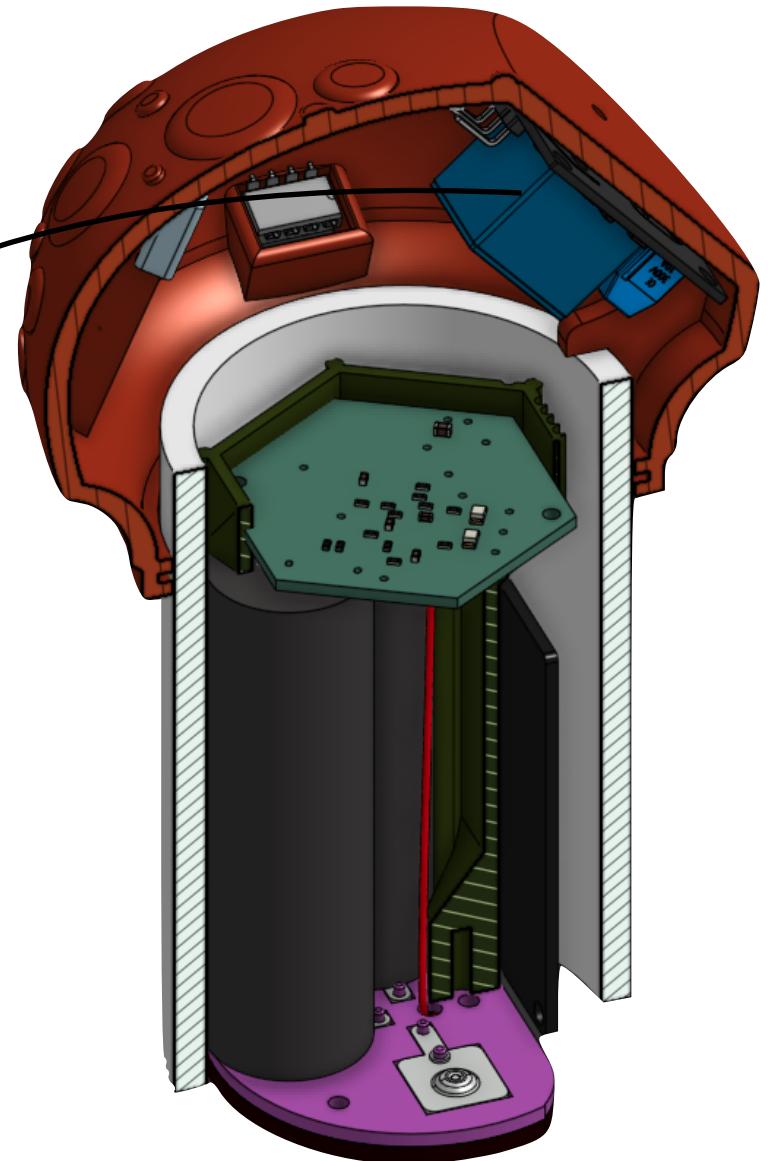


Modular chassis



Adapter to common NPT Thread sizes

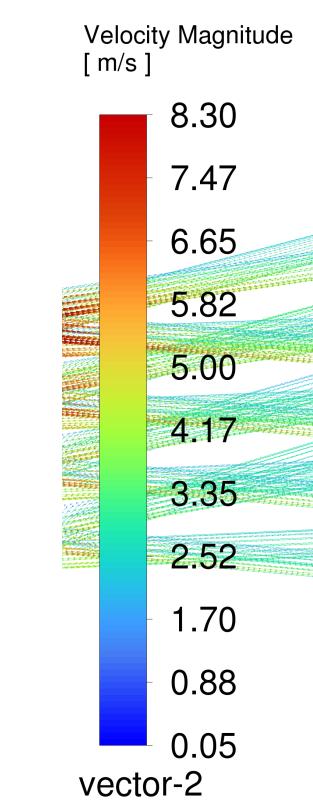
Relay module for controls



Equipped with multiple communication protocols, 3-month battery life and self re-charging via solar, each module is prepared to host a variety of sensors, proprietary or third party.

Product 2:

Digital Twins as Data Viz



Ansys
2024 R1