



# Green-Shift and Sustainability

At Lasting Dynamics, our commitment to sustainability goes beyond mere words. We are plastic free and carbon neutral certified since years now. We've channeled our technical expertise into creating tangible IT solutions that not only cater to the needs of today but also pave the way for a greener tomorrow. Within this presentation, we unfold a selection of our most impactful projects, underscoring our dedication to the green-shift economy. As you explore these case studies, you'll witness our unwavering commitment to creating a digital footprint that's in harmony with our planet, showcasing our readiness to be the trusted tech ally for any eco-conscious business.





# European tech excellence with world-wide customers

## Our pool of worldwide clients

We became the tech partner of several realities worldwide, from incubators, accelerators and VCs to enterprises and individual entrepreneurs.

**10+**

Awards from  
industry experts

**12+**

Years of proven  
track-record

**30+**

Countries on our  
global delivery map

**100+**

Successfully  
delivered projects

# Our origin and expansion

Born in Italy in 2013, Lasting Dynamics stands on the belief that the path to excellence is paved with quality. Extending our roots from Italy to Spain, United Arab Emirates, and Norway, we've grown into a global family with the focus of crafting world-class software solutions and offering insightful consultancy to redefine the way businesses operate.





# Awards & Achievements

In the past decade, we've been the technological heartbeat for several successful enterprises worldwide, earning us prestigious awards and recognition as the top leading software house from trusted industry experts.





# The future of the world is ours

We firmly hold the belief that individual actions can create meaningful change in our environment. While we don't possess superhuman abilities, our company strives to lead by example and make a positive impact.

Our offices are already environmentally conscious, emphasizing energy efficiency, the total absence of plastic usage, and the promotion of reusable tools. We also show this commitment by churning out software products that continuously creates awareness on going green and how beneficial that will be do the environment.

In this quest, we are proud to state that we are carbon neutral certified!





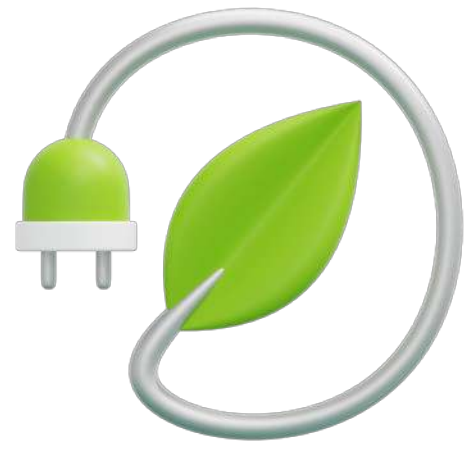
# Championing a Zero-Impact Work Environment

At Lasting Dynamics, we're not just focused on technological advancements; we're deeply committed to our planet. Every aspect of our workspace reflects this dedication to sustainability. Our employees are equipped with reusable bottles, eliminating the need for single-use plastics.

Meal times take an eco-friendly turn as well, with each team member receiving their lunch in durable, reusable containers. These measures go beyond symbolic gestures; they're a concrete representation of our determination to tread lightly on our Earth and set an example for the tech industry.







# Consciousness and Green Shift

We believe in a consciousness society and a green world, this is why Lasting Dynamics is plastic free, CO2 neutral and seriously committed to the 17 global goals for sustainable development and green shift defined by the United Nations.



Lasting Dynamics is a CO2 neutral software house that is committed to the green shift and the UN's Sustainability goals.







# ROSMARIANO



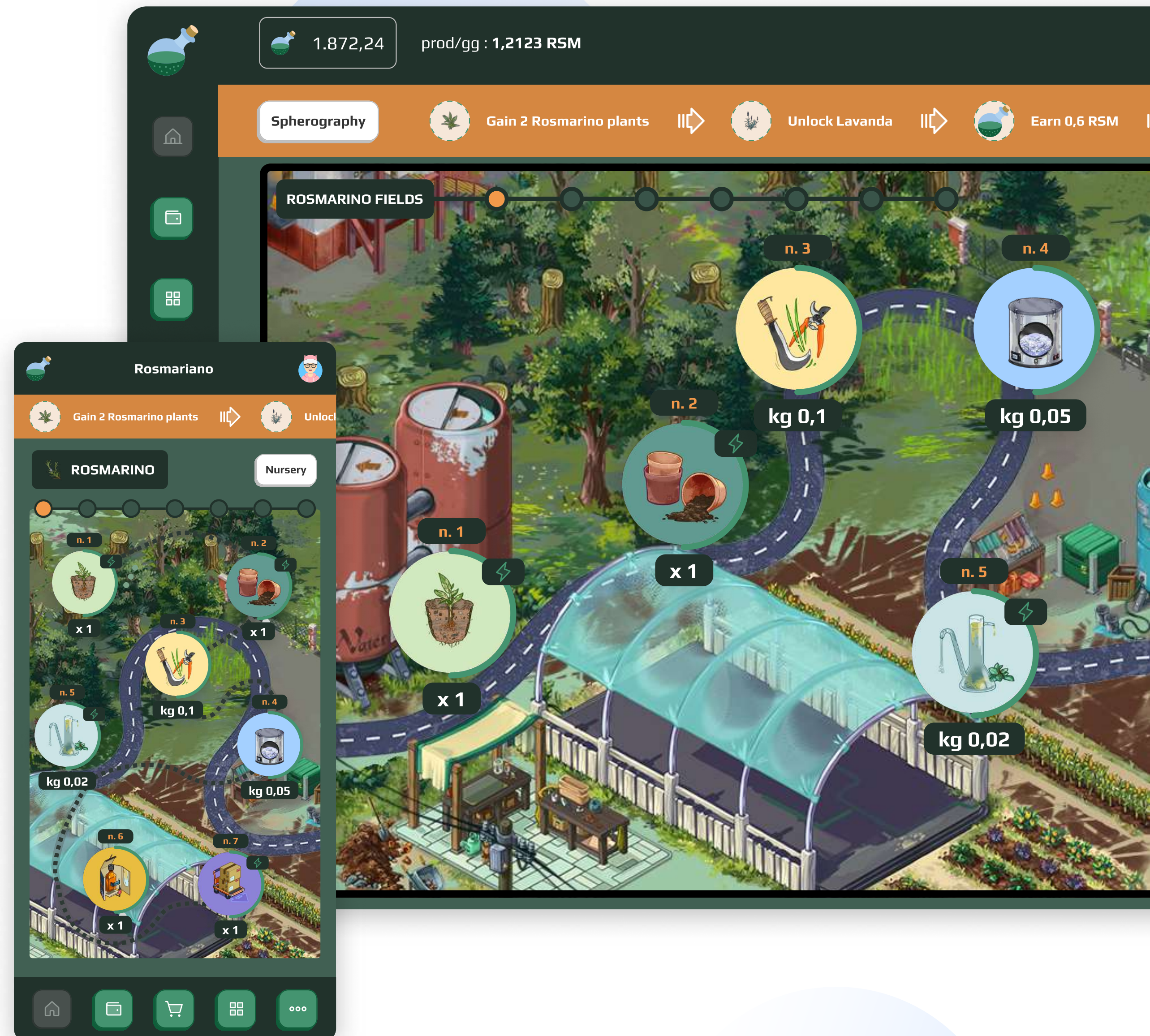


## CASE STUDY 1

# Rosmariano's Green Vision: A Collaborative Triumph

Introducing our partnership with Rosmariano, a progressive eco-centric initiative under the Tesora Group. As they spearhead green innovations in Italy, every scientific breakthrough necessitates a tailored software solution. Lasting Dynamics is proud to be the driving force behind these digital transformations, bridging the gap between scientific ingenuity and software excellence.

The journey starts from a holistic closed-circle economy that is crafted from the roots of Pavarana in Veneto. This isn't just about sustainable farming; it's about immersing users into a web3 and blockchain-powered video game that mirrors the enchanting lifecycle of essential oil production. In the pages ahead, we will discover the multiple spin-offs that expand this groundbreaking and visionary project.





## CASE STUDY 1

# Introducing Iuglone: Nature's Remarkable Plastic Substitute

In the field of 3D printing, Iuglone emerges as a groundbreaking material. Thanks to Mariano's visionary approach, this natural filament is set to redefine sustainable manufacturing. Beyond its eco-friendly attributes, Iuglone boasts superior durability, enhanced resistance, and impressive tolerance. This fusion of sustainability and functionality makes it a game-changer, offering a greener, more efficient alternative for the 3D printing industry and beyond.

Printing speed: max. 60 mm/sec.

Nozzle: 0,6-0,4 mm

Diameter tolerance:  $\pm 0,10$  mm

Temperature: 165 ° / 190 ° C





## CASE STUDY 1

# Highway Eco-Catalysts: Combating Emissions Actively

Transportation emissions are a growing concern, and Rosmariano envisioned a proactive solution. With assistance from Lasting Dynamics, they introduced plants with reverse photosynthesis placed strategically along highways.

These incredible plants actively counteract the emissions from vehicles, making highways not just transit routes but eco-active zones that contribute positively to our environment.





## CASE STUDY 1

# Revitalized Agriculture: Nature's Defense Mechanism

Pesticides have long been a bane for eco-conscious agriculture. Lasting Dynamics aided Rosmariano in championing a sustainable shift by reintroducing age-old plant cultures.

These special aromatic plants, previously overlooked, have innate abilities to protect neighboring crops without relying on chemicals. By rejuvenating these ancient cultivars, we're bringing back nature's intrinsic pest-control, fostering healthier, more sustainable farming landscapes.



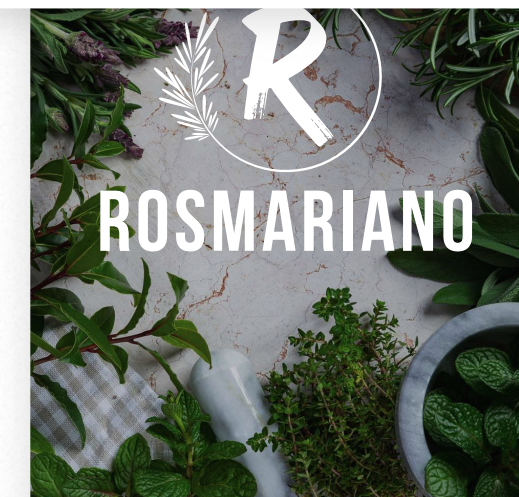
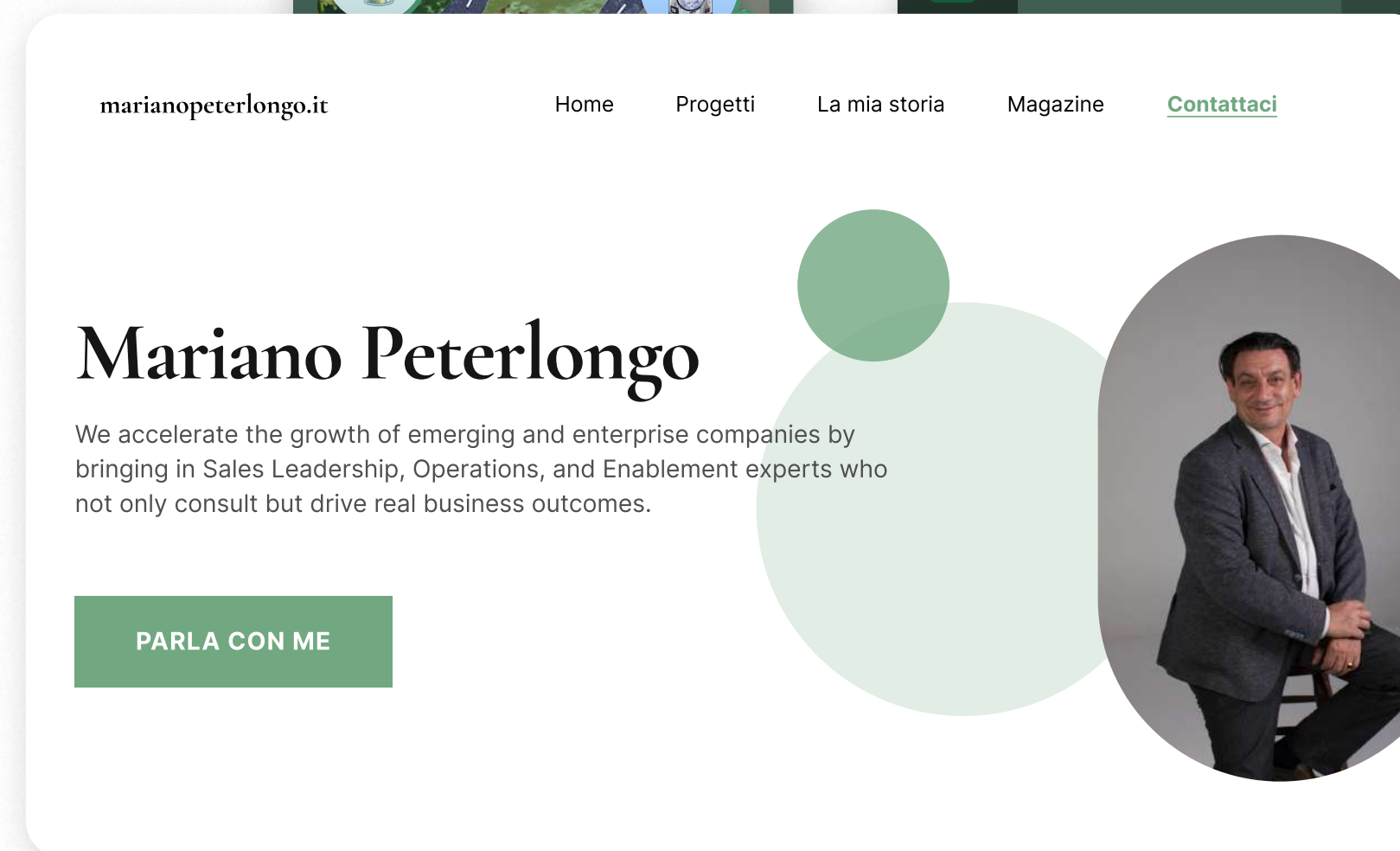
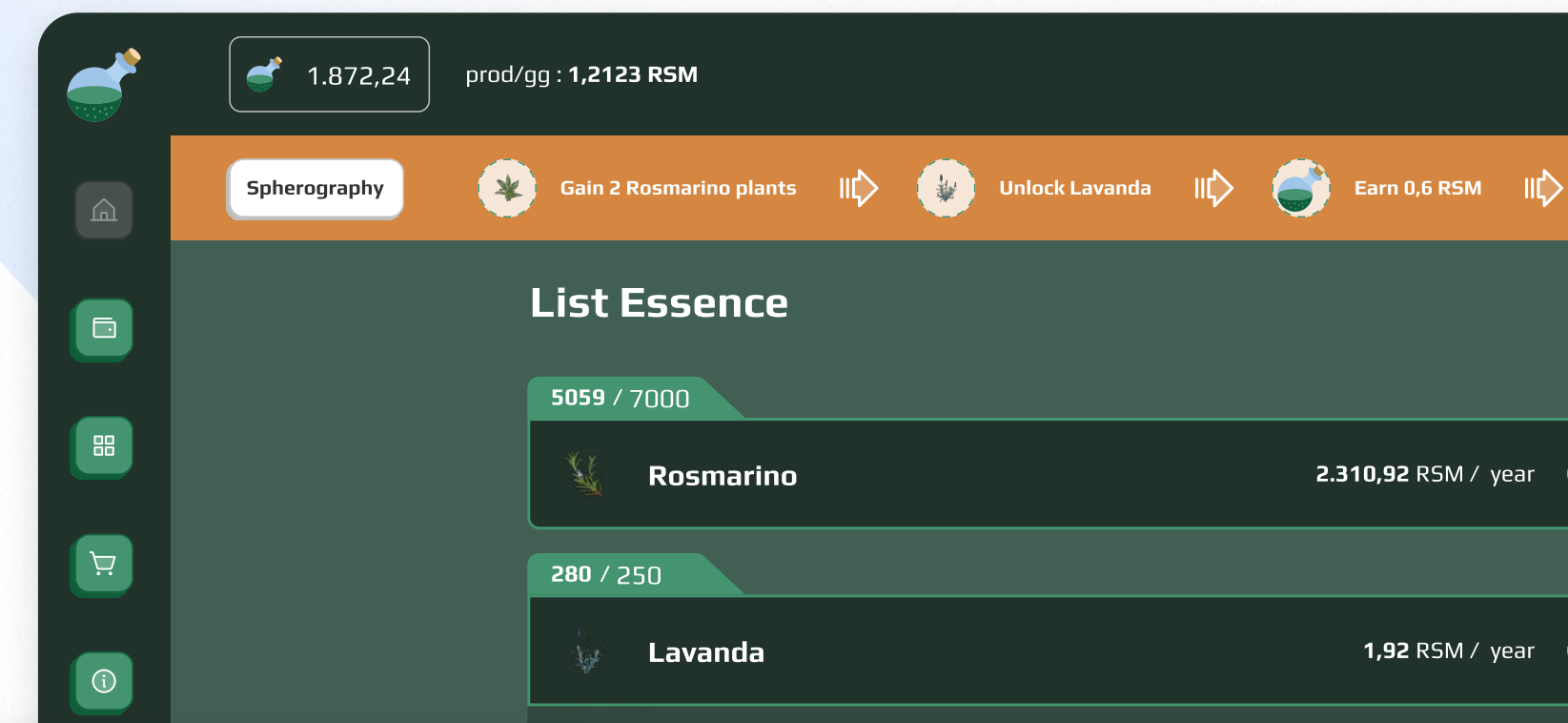
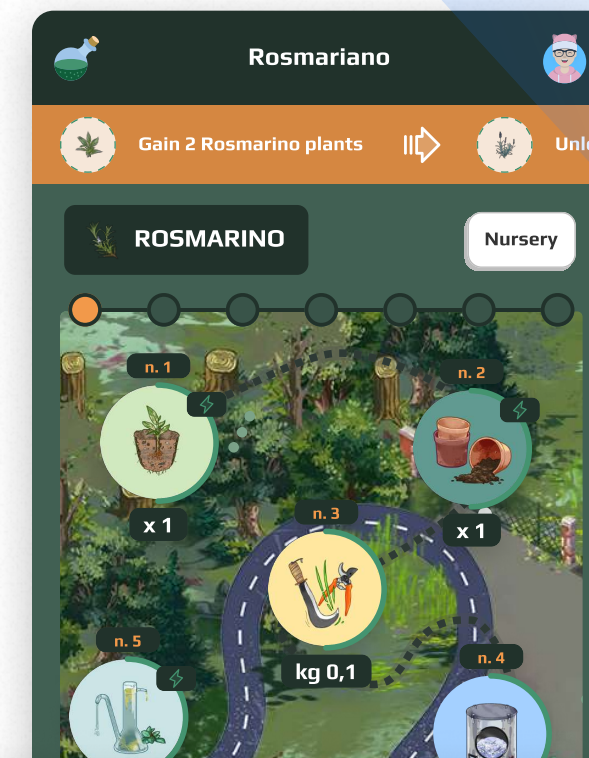


## CASE STUDY 1

# One entrepreneur, several innovative projects

Under the entrepreneurial spirit of our esteemed client, we undertook a wide spectrum of compelling projects. We engaged in the development of intricate automated arbitrage algorithms that used the Compound platform and the Coinbase API.

A unique facet of our collaboration was the creation of a browser-based, play-to-earn game, a testament to our client's innovative vision in nesting virtual and real world. Additionally, we were tasked with the construction of various marketing and commercial websites, essential for the launch of ICOs and innovation hubs under the aegis of the Tesora Group.



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CAPITALE SOCIALE  
120.000,00 €

## Rosmariano

Rosmariano è l'unica e prima azienda Italiana "circolare" in grado di vantare un processo di produzione senza sprechi, con produzione energetica +1, dove ogni passaggio viene minuziosamente monitorato e messo in sicurezza...

Processo & Distribuzione

## Fasi di lavorazione



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## CASE STUDY 2

# Omne's TreeChain: Blockchain for Sustainable Impact

In an era where technology and sustainability intersect, Omne introduces an innovative solution with its TreeChain feature. Leveraging the transparency and security of blockchain technology, each tree adoption is meticulously recorded, providing users with a tamper-proof history of their positive environmental impact.

This isn't just about planting trees, it's about fostering trust and ensuring each contribution to carbon offsetting is visible and validated.

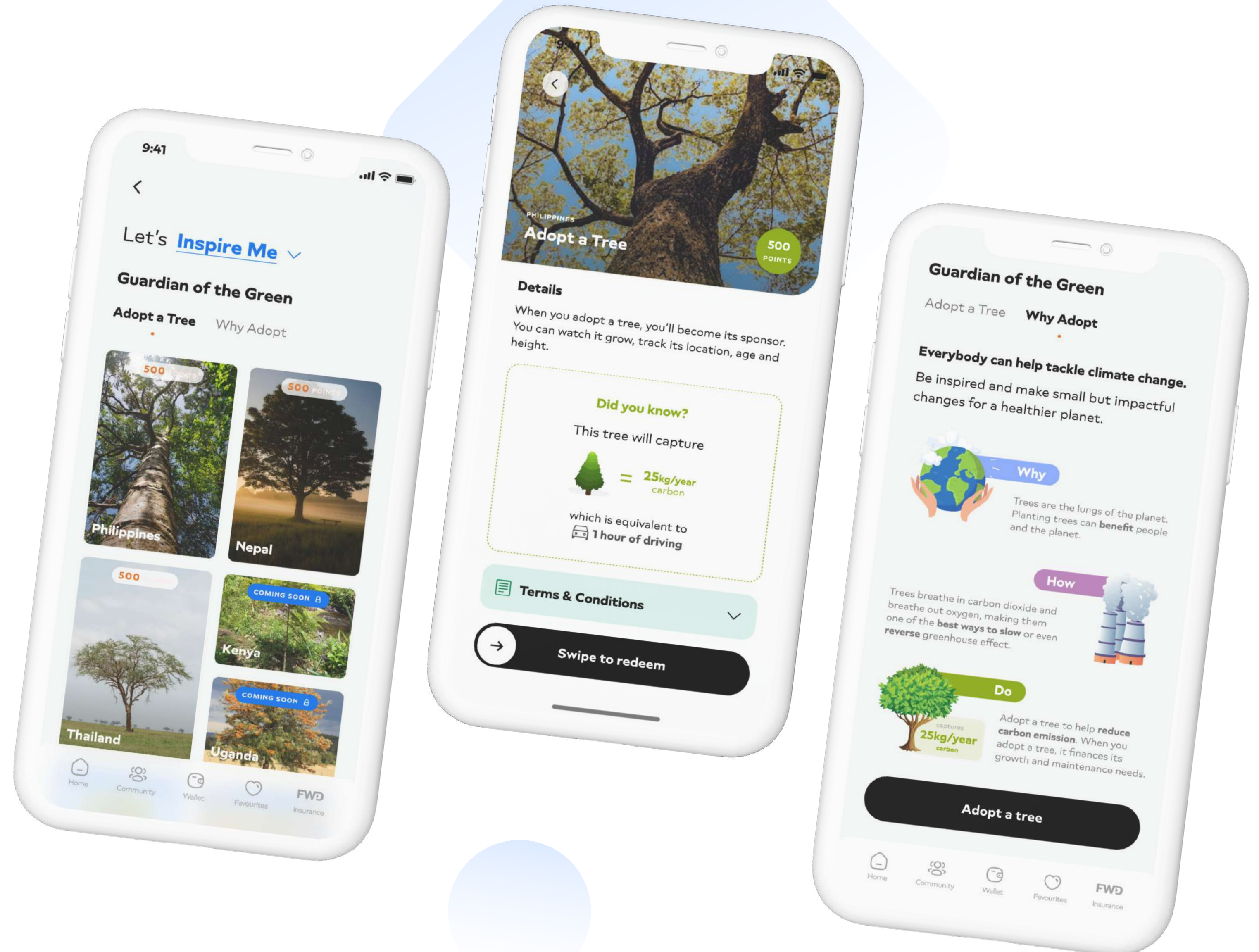


## CASE STUDY 2

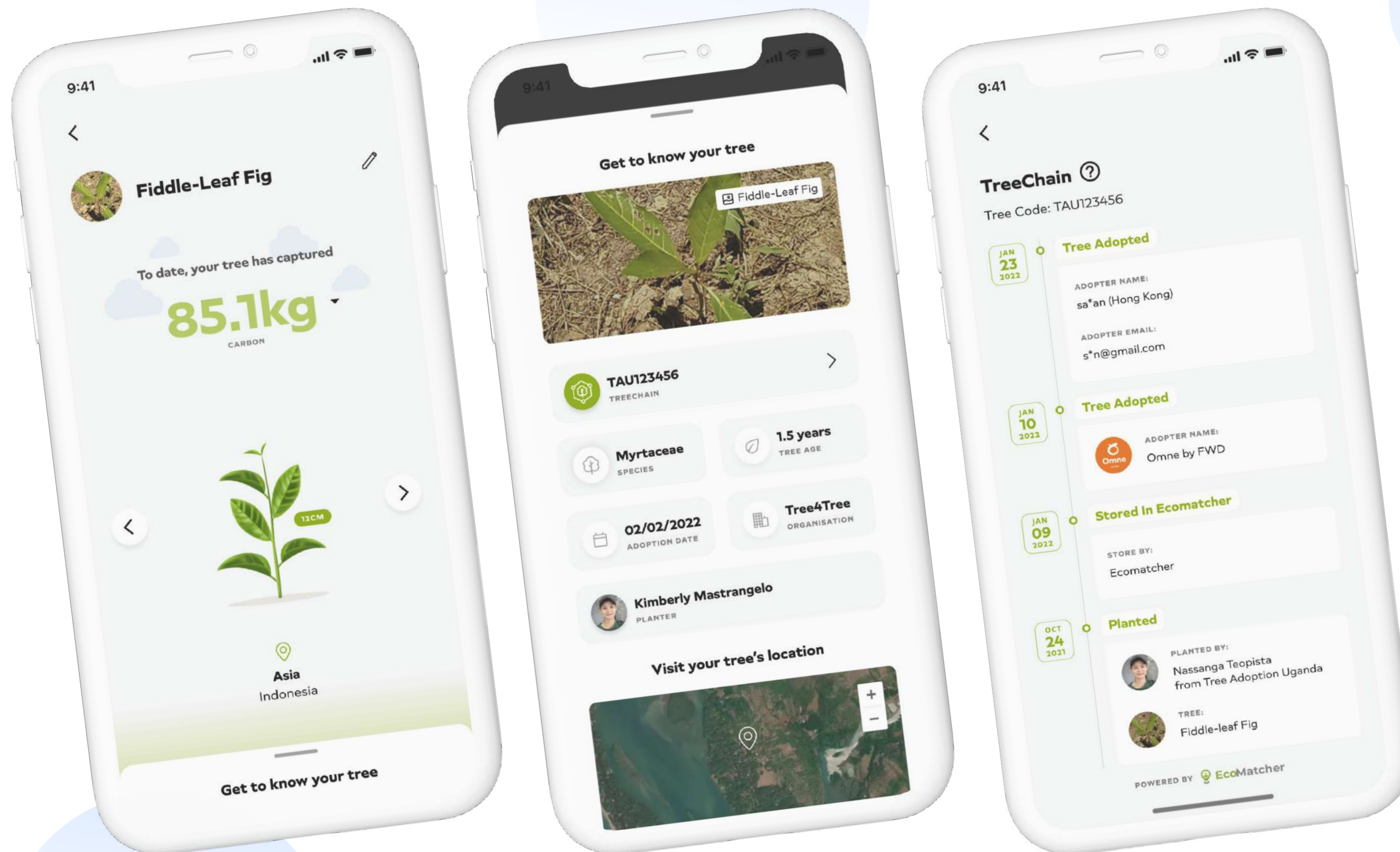
# Conscious Awareness On The Environment

Continuous advocacy for tree planting is crucial for mitigating climate change, conserving biodiversity, and improving air and water quality. Despite ongoing efforts, issues like deforestation and urbanisation persist, making advocacy essential.

Been a technology powerhouse, we birth Omne's Tree Chain, a blockchain based plant adoption app that allows users to contribute to the saving of trees and making the environment a better one. Using this process we believe we are making people very conscious and more aware of their environment.







## CASE STUDY 2

# Creating Empathy Through Transparent Processes

Sustaining a genuine commitment to the environment demands continuous effort, dedication, and transparency. To facilitate this, Lasting Dynamics has pioneered the development of a blockchain system for tree tracking in Omne.

This innovative approach guarantees users authentic information about their adopted trees' entire lifecycle. By leveraging blockchain's immutable characteristics, we not only bolster transparency but also foster a deep-rooted trust and a sense of stewardship among users. This ensures the ongoing care, survival, and flourishing of our trees, underpinning our relentless dedication to the environment.







## CASE STUDY 3

# Solar Energy Adoption and Its Defects

The over-reliance on fossil fuels such as coal, oil, and natural gas for energy production is the leading cause of climate change. These fuels release significant amounts of carbon dioxide (CO<sub>2</sub>) and other greenhouse gases when burned.

To correct this, strides have been made towards the adoption of solar as an alternative power source. But this move has also revealed several issues in the area of maintenance and quality assurance. Industries and organisations with solar farms struggle in identifying defective panels and spend a lot of money hiring man power to do quality assurance and maintenance checks manually.



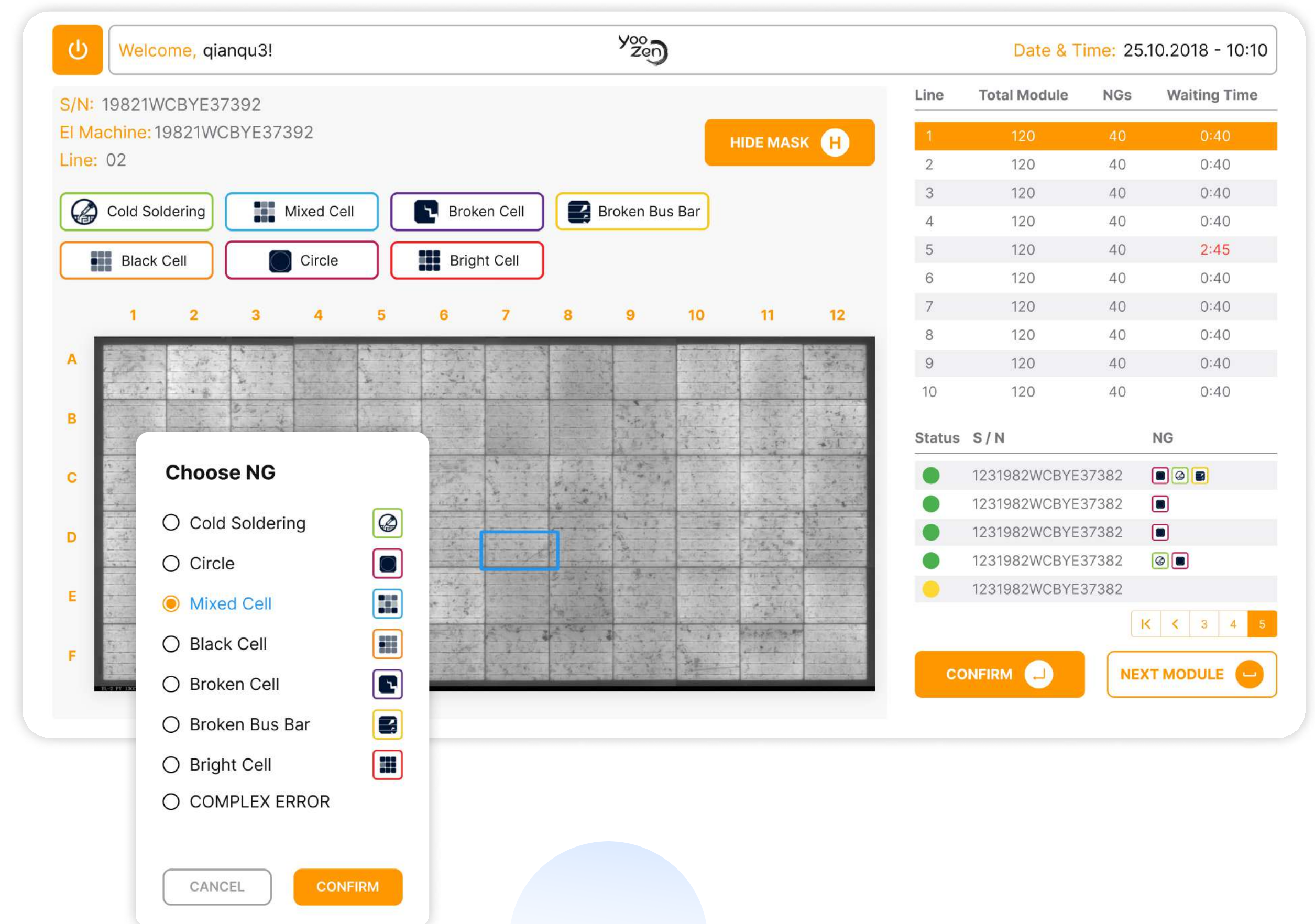


## CASE STUDY 3

# Revolutionizing Solar Panel production: AI-driven Quality Assurance

In the quest to champion sustainable energy, ensuring the efficiency of solar panels is crucial. Recognizing this, we partnered with our client to develop an advanced AI and comprehensive web & desktop suite. This state-of-the-art quality assurance tool automatically detects defects in solar panels as they journey through the production pipeline.

The result is a significant cost savings and a remarkably enhanced production process. By integrating cutting-edge technology into their factories, our client has not only elevated the quality of their panels but also solidified their position as an industry leader committed to excellence and sustainability.



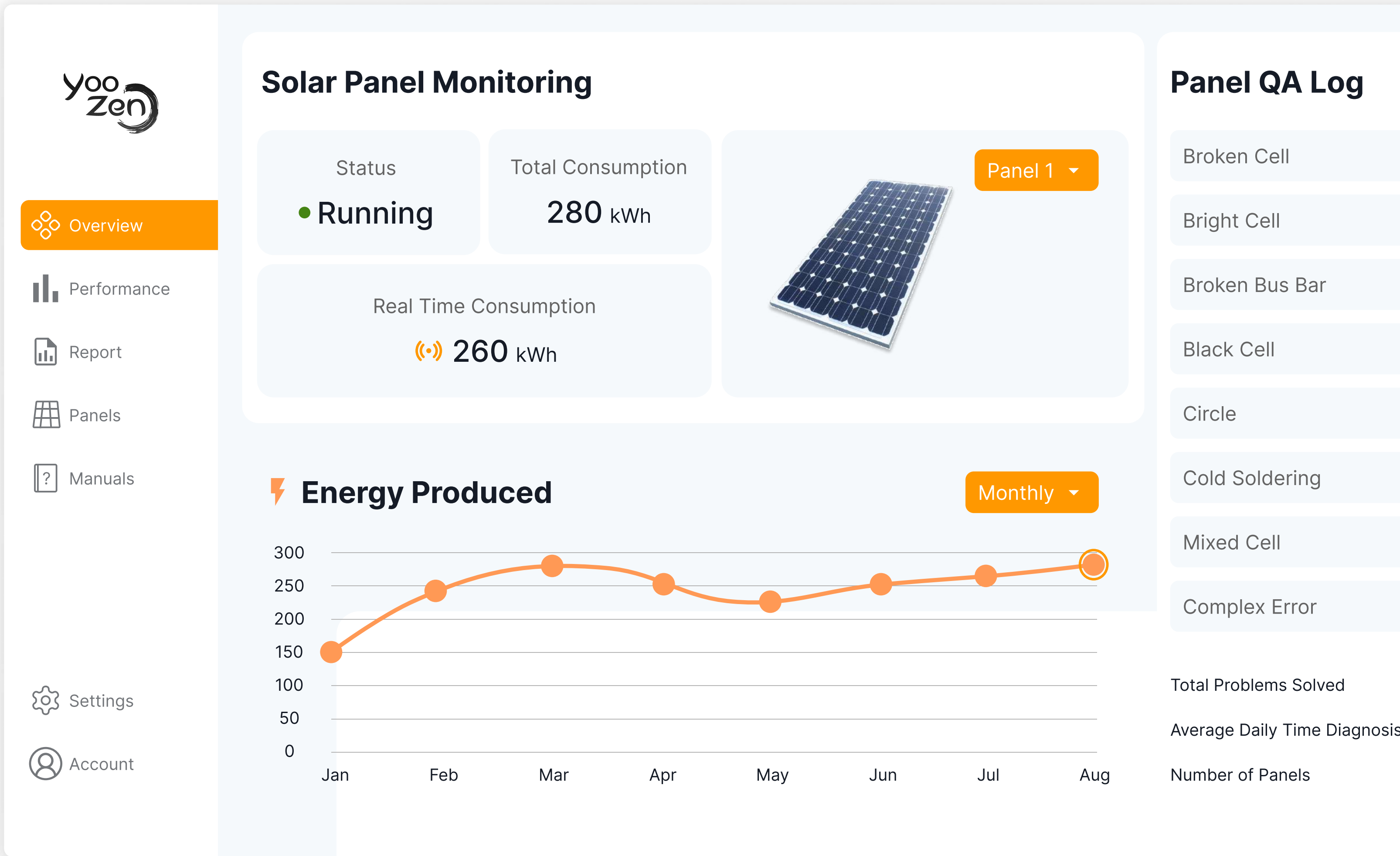


### CASE STUDY 3

# Admin Panel: Overseeing Solar QA with Precision

While Yoozen's AI-driven quality assurance for solar panels stands at the forefront of defect detection, it's the sophisticated admin panel that truly amplifies its efficiency.

Developed meticulously by Lasting Dynamics, this dashboard centralizes the AI's findings, streamlining the intricate process of monitoring, categorizing, and managing potential panel issues. Its intuitive design ensures that administrators have an at-a-glance view of production quality, facilitating quicker decision-making and effective prioritization. The fusion of advanced AI with this robust management tool underscores Yoozen's commitment to delivering unparalleled solar panel production oversight.







# Thank you

Contact us to receive a full  
development proposal

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