



EXPLORE THE FUTURE

Drive the sun.





**WELCOME TO
FUTURO SOLARE**

ABOUT US

Futuro Solare is a community where young talents and creative minds transform sustainable innovation into real opportunities. We don't seek profit: we cultivate ideas, collaboration, and curiosity to imagine a future where technology and ethics advance together.

We offer a dynamic space to grow, experiment, and contribute to a more responsible world. We believe in the power of shared knowledge and the desire to change things. If you want to discover where the ideas that build tomorrow are born, Futuro Solare is the right place.



WHAT WE DO

We promote **environmental sustainability** through the adoption of clean energy technologies, with a particular focus on photovoltaics and other renewable sources. We spread the culture of sustainable energy through training programs.

Conferences and events designed to raise awareness and engage the public on environmental issues. We support **student development** by offering learning opportunities on renewable energy and sustainability, fostering innovation, responsibility, and a greener vision of the future.



PROJECTS

With **Archimede 1.0**, Futuro Solare has achieved an unprecedented feat, creating the first low-cost solar car entirely developed in Sicily. This ambitious project comes to life thanks to an alliance with mechanical engineering students from the University of Catania, as well as new friends and volunteers who have joined the cause with passion and commitment.

ARCHIMEDE 1.0



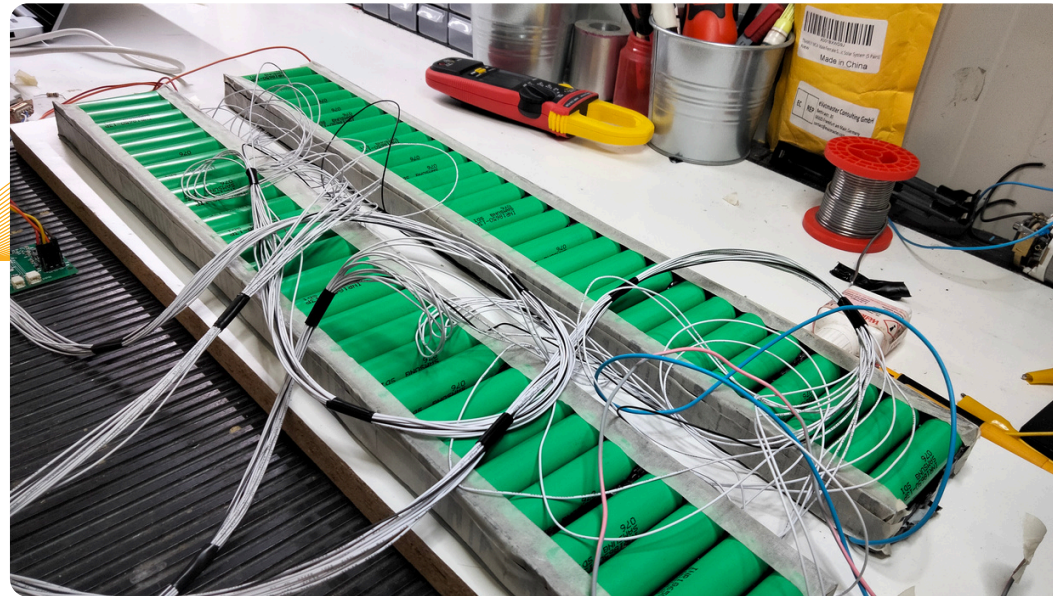
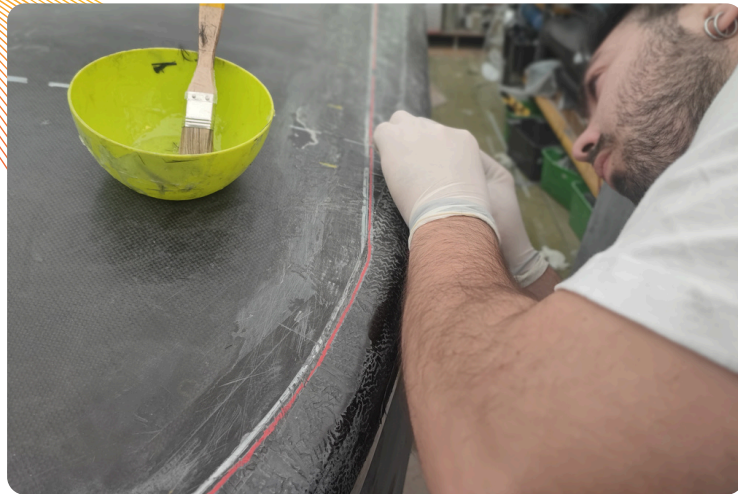
ARCHIMEDE 1.1

In 2018, after two years of intense study, testing, and research, Archimede 1.0 evolved into **Archimede 1.1**, an enhanced project that takes solar technology to new heights. With constant work to push the boundaries of electronics and mechanics, the Futuro Solare team is ready to face new challenges and improvements, aiming for an even more advanced version of Sicily's first solar car.



ARCHIMEDE 2.0

Archimede 2.0 is a two-seater solar cruiser, designed to captivate and redefine sustainable mobility, ready to embrace new synergies and growth prospects thanks to the agreement with the University of Palermo and e-Mobility faculty. This dream became a reality despite enormous challenges: Futuro Solare's budget was only 10% of that of the other teams. Yet, with the dedication and ingenuity of a tenacious team, Archimede 2.0 has demonstrated that true greatness comes from passion, not funding.

 **CHEMISTRY**

At Futuro Solare, **chemistry** drives research into innovative materials and sustainable solutions for solar mobility. We explore composites, treatments, and alternative energy storage technologies to reduce weight and environmental impact. Students and researchers transform chemistry into a practical tool, applied to designing the future.

 MECHANICS

Mechanics is the heart of Futuro Solare: we design and build efficient solar vehicles, taking care of every structural detail with CAD, simulations, and advanced manufacturing. We focus on lightweight design, safety, and performance. Students participate in every phase, transforming theory and calculations into practical experience and teamwork.

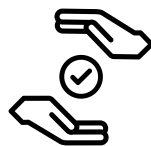
TECHNOLOGY

 ELECTRONICS

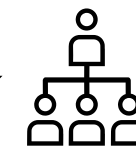
Electronics is the nervous system of Futuro Solare: we develop solutions for energy management, vehicle control, and data collection, using real-world automotive technologies. We work on power electronics, BMS, sensors, and reliable communications. Students design, test, and troubleshoot systems that must actually work, transforming theory into practical skills.

 COMPUTER SCIENCE

Computer science is the brainchild of Futuro Solare: we develop software for control, simulation, and data analysis, from firmware to dashboards and predictive models. Code guides technical decisions and optimizes vehicle performance. Students learn to use real-world tools, collaborating with mechanics and electronics for a comprehensive view of the system.

KNOWLEDGE EXCHANGE

We foster knowledge sharing among experts, students, and researchers to accelerate sustainable innovation.

BUSINESS NETWORK

We build partnerships between companies committed to reducing environmental impact and developing green solutions.



WHY SUPPORT US

SCIENTIFIC AND MORAL GROWTH

We educate new generations, combining scientific skills and ethical values for a more responsible future.

INVEST IN THE FUTURE

Supporting Futuro Solare means linking your company to innovative and valuable projects, achieving strong brand recognition. It's a concrete way to support young people and demonstrate your commitment to a sustainable and innovative future.

FUTURO SOLARE THROUGH MEDIA

Our experience has already brought us significant visibility in the national media. We've been featured in reports on **Rai 3** (Report), **Rai 1** (Linea Verde), **Mediaset** (TgCom24), **Canale5** (ePlanet), Rai Isoradio (Io chiara e il green), **Radio 24 Ore** (L'altra Europa), and many others. We've given interviews to major publications such as Quattroruote, Repubblica Motori, Green Planner, and Electric Motor News. Furthermore, our social media channels are always a great success with every post or communication.



IL NOSTRO VIAGGIO



"For 18 years, we have been passionately and dedicatedly pursuing our project, a journey that demonstrates our perseverance, resilience, and ability to tackle ambitious challenges. This long journey has allowed us to accumulate experience, build solid relationships, and earn trust in the industry. A special thanks goes to our fellow travelers: the students, universities, research centers, our technical partners, and the companies that have believed in us. Thanks to them, we have been able to tackle the greatest challenges with the support of those who share our vision. Each of them has contributed fundamentally to our success. Every challenge we have overcome has not only strengthened our commitment to a sustainable future, but has also been an opportunity to grow and learn. An integral part of our work is the education and training of students, whom we actively involve in our projects, preparing them to become the professionals and innovators of tomorrow."

TEAM PRINCIPAL AND FOUNDER OF FUTURO SOLARE

Vincenzo Di Bella

SPONSORS



PATRONAGES

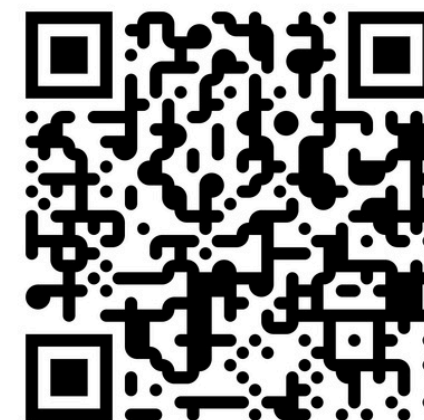
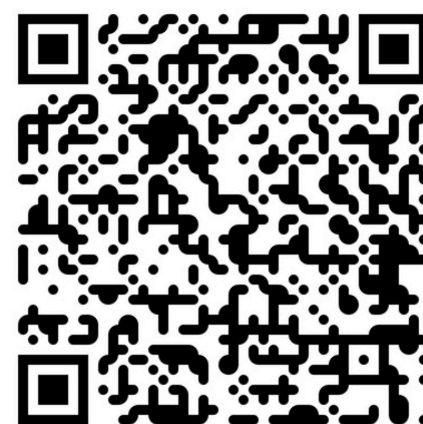
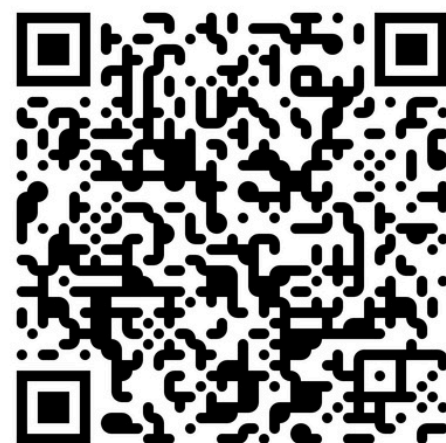
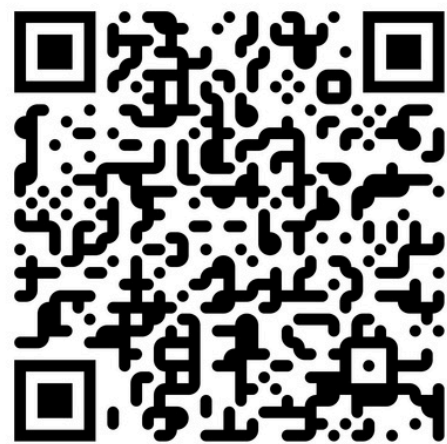


Comune di Siracusa



MEDIA PARTNERS





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Hyper Solare

THE FUTURE AWAITS YOU!

Drive the **sun.**





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