



ALLEN becomes official partner of the ZEPHIR PROJECT to unlock the secrets of absolute glide and contribute to tomorrow's eco-responsible world!

Press release
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As a world leader in Engineering and IT Services, **ALLEN** is pleased to announce its official partnership with the **ZEPHIR PROJECT**, founded by **Marc Amerigo** and **Antoine Albeau**. In this quest to combine disruptive innovation and eco-responsible high performance, ALLEN will bring all its expertise and know-how in highly specialised engineering to support the ZEPHIR PROJECT teams. World records of a new kind are expected in the coming months.

Led by Marc Amerigo, co-founder of the ZEPHIR PROJECT with Antoine Albeau, our most successful French sportsman (26 times world champion in windsurfing), this project combines performance and eco-responsibility. To achieve this, the team draws on the wealth of nature through biomimicry and the most advanced technologies.

Bringing together more than 120 international experts and 70 engineering companies, from competitive sailing to motor sport, from aeronautics to space, the ZEPHIR PROJECT seeks to discover the secrets of "absolute glide".

Marc Amerigo, co-founder of the ZEPHIR PROJECT, comments: *"By taking inspiration from the efficiency of birds and marine animals, and fusing the best of human know-how, we aim to push the limits of gliding and reach unprecedented speeds, while influencing the future of ecomobility."*

ALLEN will play a key role in the project thanks to its unique engineering expertise. Its teams will contribute to the analysis and calculation of aerodynamic and hydrodynamic structures, as well as the physics of materials. The design of the boards, foils and sails will be inspired by biomimicry and will benefit from an eco-responsible approach at a very early stage. The ALLEN Labs, the Group's research and innovation laboratories, will also guide the choice of prototyping techniques. Through dynamic simulation, digitisation by 3D scanning and comparative analysis, ALLEN will be able to assess the benefits of this intelligent deformability of structures, to get a little closer to nature's achievements. Furthermore, thanks to the characterisation of new physical phenomena using intelligent sensors and multi-physics optimisation research via modelling/simulation, our ambition is to unlock the secrets of 'absolute glide' and break these world records.

Gualtiero Bazzana, Executive Director of ALLEN, said: *"We are proud to be part of this forward-thinking project, which brings together the best talents and technologies to push back the boundaries of sustainable mobility. Together, we hope to contribute to a greener future by creating high-performance solutions and products that are accessible to all and environmentally responsible."*

This partnership, based on shared values, aims to contribute to the dynamism of the ZEPHIR PROJECT ecosystem by finding new targeted industrial partners and sponsors, and will enable us to call on other scientific experts to join this great sporting, technological, human and eco-responsible adventure!

Antoine Albeau, co-founder of the ZEPHIR PROJECT, explains: *"The innovation we are developing can be transposed to anything that glides on water or in the air, or draws energy from it. This applies to wind energy, marine energy and ecomobility, for example. This new form of absolute energy efficiency will open up a wide range of applications, with the utmost respect for our planet.*

About ZEPHIR PROJECT

Launched in 2020, ZEPHIR PROJECT is a truly avant-garde demonstrator. This wide-ranging, interdisciplinary ecosystem is based on the discipline of windsurfing and sailing in general, to demonstrate the ability to reconcile breakthrough innovation, high performance and eco-responsibility. The project is based on a not-for-profit association under the French law of 1901, which will give impetus to this collective, bringing together a wide range of organisations and expertise.

Its co-founders are [Antoine Albeau](#), the most successful French sportsman with 26 world windsurfing titles and numerous world records, and [Marc Amerigo](#), Project Leader, a well-known engineer and holder of several speed records.

For more information: www.zephirproject.com

About ALTEN

Created in 1988, ALTEN supports its customers' development strategies in the areas of innovation, R&D and technological information systems. ALTEN works with key actors in the Aeronautics, Space, Defence, Security & Naval, Automotive, Rail & Mobility, Energy & Environment, Life Sciences & Health, Industrial Equipment & Electronics, Telecoms, Banking, Finance & Insurance, Retail, Services & Media, Public Services & Government sectors. The Group has a workforce of more than 57,000 employees operating in 30+ countries, 88% of whom are engineers. Its 2023 turnover was €4,07 billion.

For more information, visit www.alten.com



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