

# NATURAL BIOSTIMULANT FERTILIZER DERIVED FROM MARINE ALGAE IN MOROCCO

One of the innovations promoted by the Switchers Community at the Mediterranean level is [the bio-stimulant fertilizer ALGUNO derived from marine algae](#).

Inspired by the abundant seaweed resources in the Marchica Lagoon of Morocco, the entrepreneur Abdelilah Hammada, CEO and founder of the startup, identified an opportunity to create a sustainable solution for agricultural development. [ALGUNO is an innovative biostimulant fertilizer, derived from marine algae](#), offering a much-needed alternative to harmful chemical fertilizers. By addressing soil degradation and water pollution, ALGUNO is contributing to a more sustainable and resilient agricultural ecosystem.



[Recent scientific studies](#) support this innovation, confirming that substances extracted from algae, such as polysaccharides, can stimulate plant growth and protect them against diseases.

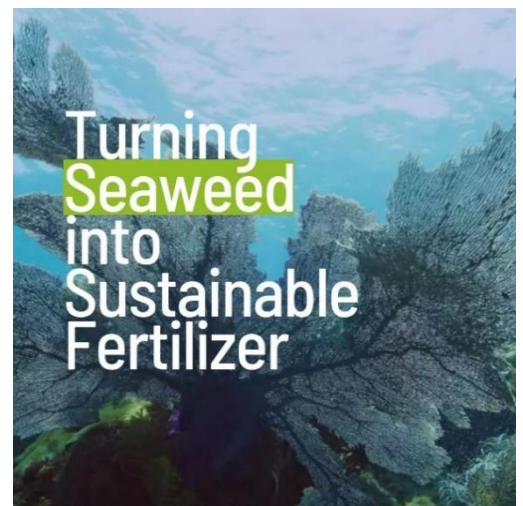
Building on the results of these studies, ALGUNO's achievements have gained recognition and support. The startup has secured intellectual property, obtained government approvals from the National Agency for Aquaculture Development (ANDA) to operate a 16-hectare aquaculture farm in the Marchica lagoon.

The mission of the ALGUNO enterprise is to create a sustainable future for agriculture. By providing farmers with a natural and effective alternative to chemical fertilizers, the enterprise helps protect the environment and ensure food security for future generations.

In addition to winning the best Patentable Project in the Gold Patent competition organized by Valbiom Maroc Cluster in May 2023, ALGUNO received other prestigious recognitions for its contributions to sustainability, including the Switchmed Prize 2023-2024.

The vision for the future extends beyond ALGUNO's success. They aim to establish a sustainable development circle between agriculture and aquaculture, preserving underwater biodiversity. ALGUNO's work demonstrates the potential of the blue economy and its contribution to a more sustainable world. ALGUNO's bio-stimulant fertilizer has had a significant impact on farmers across Morocco. Many have reported increased crop yields, improved soil health, and reduced reliance on chemical fertilizers.

ALGUNO's success is a result of the dedication and expertise of its passionate and talented team of co-founders and experts: Mohamed Talha as the Chief Operations Officer (COO); Zakariae Benali is responsible for project management and operations; Khadija Sbahou



is in charge of ALGUNO's product development and sustainable farming practices; Soukaina Alazzouzi is ensuring the quality and safety of ALGUNO's products; Aya Elmeziani as an agronomist engineer and Maha Boughardaien playing a vital role in promoting ALGUNO's brand and reaching out to potential.

ALGUNO's ambitious plans for the future include expanding its operations to other regions in Morocco and beyond. The company is also exploring new product lines and partnerships to further its impact on sustainable agriculture.

The team expresses its vision for the future: to establish ALGUNO as a global leader in sustainable agriculture. Their goal is to help farmers around the world produce healthy, high-quality crops while minimizing their environmental impact.

[The Switchers is a community of inspiring green entrepreneurs and changemakers in the Mediterranean region.](#) In this framework ALGUNO's story highlights the power of innovation in advancing both the blue and green economies, emphasizing the importance of harnessing marine resources responsibly. Indeed, it has the potential to revolutionize the agricultural industry and drive positive change on a global scale.

For aspiring green entrepreneurs, the enterprise offers a valuable piece of advice in the [Switchers Community](#). The opportunities in the blue economy are vast, and with the right mindset and dedication, entrepreneurs can make a significant impact.

In July 2024, [ALGUNO was recognized as one of the 10 finalists at the SEED Green Entrepreneurship Awards 2024: Celebrating Innovation and Sustainable Development in Morocco](#) The Green Entrepreneurship Awards, a global initiative organized by SEED and sponsored by the Flemish government, celebrate the most innovative and promising local businesses in the field of sustainable development. These awards recognize and reward companies worldwide for their commitment to environmental, social, and economic sustainability. The finalists will receive a 6-month *Catalyser Support* package, which includes capacity-building workshops and expert advice with peer-learning opportunity, and up to 5.000€ matching grant each.

## To know more

[ALGUNO in theswitchers.eu](https://theswitchers.eu)

[ALGUNO website](#)

[ALGUNO in Facebook](#)

[ALGUNO in Instagram](#)

[Utilisation des polysaccharides des algues marines comme biostimulants en horticulture in agrimaroc.org](#)

[Award SEED 2024](#)

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