

Awards, International Recognition & Commercial Validation

Building One of MENA's Leading ClimateTech Startups for the Blue Economy

Blutechnova has rapidly emerged as one of Egypt's leading ClimateTech startups developing AI-powered Coastal Environmental Intelligence solutions for climate resilience, environmental protection, sustainable coastal tourism, and the Blue Economy. Through technological innovation, commercial validation, strategic partnerships, and international recognition, the company has established a strong foundation for regional and global expansion.

- National Awards & Excellence

1. First Place – Egypt's National Initiative for Smart Green Projects (2023)

Blutechnova won **1st Place** in the Startup Category at Egypt's National Initiative for Smart Green Projects in the Red Sea Governorate under the patronage of **H.E. President Abdel Fattah El-Sisi**, recognizing the company's innovative contribution to climate technology, AI-powered environmental monitoring, and sustainable coastal development.

2. First Place – Egypt's National Initiative for Smart Green Projects (2024)

For the second consecutive year, Blutechnova was awarded **1st Place**, confirming its leadership in developing scalable environmental technologies that support climate resilience, smart coastal infrastructure, and the sustainable Blue Economy.

3. First Place – IEEE Entrepreneurship Week Egypt 2026

Awarded **First Place** during IEEE Entrepreneurship Week Egypt for developing one of Egypt's most promising deep-tech environmental innovations, with recognition across the Middle East and Africa innovation ecosystem.

4. First Place – Vodafone Egypt Innovation Competition

Winner of Vodafone Egypt's national innovation competition, receiving technical mentorship, business development support, and digital innovation guidance for advancing AI-powered environmental intelligence solutions.

5. First Place – Green Hackathon Egypt 2025

Winner of Egypt's Green Hackathon under the patronage of the **Ministry of Communications and Information Technology (MCIT)** for delivering an innovative climate technology solution supporting environmental sustainability and digital transformation.

6. First Place – American University in Cairo (AUC) Technology & Environmental Entrepreneurship Program

Recognized for developing an innovative technology solution addressing environmental protection, coastal resilience, and sustainable development.

7. Second Place – Orange Egypt Green Entrepreneurship Competition

Awarded **Second Place nationwide** for developing an innovative green technology solution supporting environmental sustainability and smart entrepreneurship.

8. Third Place – Middle East & Africa Entrepreneurship Competition

Ranked **3rd across the Middle East and Africa** in an international entrepreneurship and innovation competition, recognizing BluTechnova's business model, innovation capacity, and regional growth potential.

9. Startup Power Egypt 2025

Selected among **Egypt's Top 10 Startups** during Startup Power 2025, organized by entrepreneur **Ahmed Abou Hashima**, and awarded **USD 8,000** in non-dilutive funding to accelerate commercialization and market expansion.

10. Orange Social Venture Prize (OSVP)

Recognized among Egypt's leading technology-driven social and environmental innovation startups for delivering scalable solutions addressing sustainability and climate challenges.

- International Recognition & Global Innovation Programs

1. EU BlueInvest Africa 2026

Selected as an official **Pitching Startup** at BlueInvest Africa 2026, one of the European Union's flagship Blue Economy investment platforms connecting Africa's most promising ocean innovation startups with international investors, governments, and strategic partners.

2. UNESCO Ocean Innovation Academy (OIA)

Selected to participate in the **2nd Edition of the Ocean Innovation Academy (OIA)**, a prestigious UNESCO-supported global program bringing together high-impact innovators developing transformative solutions for ocean conservation, sustainable marine resource management, and the Blue Economy.

3. NilePreneurs Industry 4.0 Accelerator

Selected to join Egypt's leading Industry 4.0 accelerator, supporting commercialization, advanced manufacturing, Artificial Intelligence, IoT integration, and business scaling.

4. Orange Corners Egypt

Selected as one of Egypt's promising startups to join the Orange Corners entrepreneurship incubation program supporting sustainable business growth and investment readiness.

5. Flat6Labs Ecosystem

Joined one of the MENA region's leading startup ecosystems, gaining access to business development resources, mentorship, and investor networks.

6. Creativa Innovation Hub

Selected to participate in Egypt's national innovation ecosystem supporting technology commercialization, entrepreneurship, and digital transformation.

7. Tech4Good Africa Green Incubator

Selected among Africa's innovative climate-tech startups developing technology solutions for sustainability, resilience, and environmental protection.

8. Savant Build Programme

Accepted into the international venture-building program supporting startup growth, commercialization, investment readiness, and global market expansion.

9. World Bank Group Youth Summit 2026

Selected as an official delegate representing youth-led innovation, entrepreneurship, climate action, and sustainable development.

10. Global Startup Awards

Founder & CEO **Mahmoud Sherif Mahmoud Okasha** was selected as an **International Jury Member**, contributing to the evaluation of innovative startups from around the world.

- Government Recognition & Strategic Validation

Blutechnova has received official recognition and support from numerous governmental and scientific institutions, including:

- The Egyptian Cabinet
- The Prime Minister of Egypt
- The Red Sea Governorate
- Ministry of Environment
- Ministry of Planning, Economic Development & International Cooperation
- Ministry of Communications and Information Technology (MCIT)
- Ministry of Tourism
- National Institute of Oceanography and Fisheries (NIOF)
- Electronics Research Institute (ERI)

These recognitions reflect the company's growing role in supporting Egypt's digital transformation, climate resilience, sustainable tourism, and Blue Economy priorities.

- Commercial Validation & Technology Readiness

Blutechnova has progressed beyond concept validation and is actively transitioning toward commercial deployment through:

- Technology Readiness Level (**TRL 6**) demonstrated in a relevant operational environment.
- Registered Software Intellectual Property (IP) protecting the company's proprietary technology.
- Government approvals supporting field validation and pilot deployment.
- Successful paid pilot implementation with leading international hospitality operators in Egypt's Red Sea region.
- Early commercial revenue generated through environmental monitoring and coastal intelligence services.
- Letters of Intent (LOIs) and Memorandums of Understanding (MOUs) with tourism and coastal stakeholders.
- Scalable business model combining platform deployment, recurring software subscriptions, maintenance, environmental intelligence services, and lease-to-own solutions.

- **Strategic Partnerships & Innovation Ecosystem**

Blutechnova has established strategic collaborations with leading governmental, scientific, academic, and technology institutions, including:

- National Institute of Oceanography and Fisheries (NIOF)
- Electronics Research Institute (ERI)
- Nile University
- Ministry of Environment
- Ministry of Tourism
- Ministry of Communications and Information Technology (MCIT)
- Orange Corners Egypt
- Flat6Labs
- NilePreneurs
- International innovation and investment ecosystems across Europe, Africa, and the MENA region.

- **Vision**

Blutechnova is building one of the MENA region's first integrated AI-powered Coastal Environmental Intelligence platforms, creating the digital infrastructure for the next generation of smart, safe, and sustainable coastal destinations. By combining Artificial Intelligence, environmental science, and digital innovation, the company is helping governments and coastal stakeholders protect people, preserve marine ecosystems, strengthen climate resilience, accelerate sustainable tourism, and unlock the full potential of the global Blue Economy.

**I've been selected as a
World Bank Group
Youth Summit Delegate!**

**World Bank Group
Youth Summit 2026
June 11-12**

**I will be joining from
Egypt**

Futureworks
Designing Jobs for
the Digital Age



#WBGYS26
#FutureWorks



Mahmoud Sherif Okasha
Delegate (Online)



EUROPEAN UNION
DELEGATION TO THE REPUBLIC OF SOUTH AFRICA

INVITATION LETTER

The Delegation of the European Union to the Republic of South Africa hereby certifies that Mr Mahmoud Sherif Okasha will travel to South Africa from 30 October 2026 to 4 November 2026 to attend the BlueInvest Africa event, which will take place in Cape Town on 2 and 3 November 2026. This event is organised by the European Union in partnership with the South African authorities, with the aim of bringing together the most promising entrepreneurs in Africa's blue economy and international investors.

As a Pitcher at the BlueInvest Africa event, Mr Mahmoud Sherif Okasha, representing the company Blutechnova, is an Egyptian national and holds passport No. A35370294, issued on 4 October 2023 and valid until 3 October 2030.

In witness whereof, this certificate is issued for all legal purposes.

Yours sincerely,

[e-signed]
Massimo Mina
Head of Cooperation



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INNOVATION FOR A SUSTAINABLE BLUE

**CREATIVA Incubated Startups
Cohort 4**

Congratulations!
Keep innovating and shaping the future



**CONGRATULATIONS
TO THE SELECTED STARTUPS**
Welcome to the Industry 4.0 Accelerator!



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