IMARCS
Foundation

Who We Are

The IMARCS Foundation utilizes marine science and mariculture to remove CO_2 from the air, restore reef ecosystems, and strengthen local communities with measurable, quantifiable results.

IMARCS was founded by Gui Gui, an Indigenous woman from the Karen tribe who was forced to flee Myanmar to escape violent persecution. She founded IMARCS in part to protect and strengthen the ecosystems and communities that have provided a home to her and other displaced Karen people.

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Our Founder

My name is Gui Gui, and I'm from one of the Karen tribes.
My family and I had to leave Myanmar as the military there is actively hunting and killing the Karen people, even though we are very peaceful. We escaped to Thailand, where I grew up.
Now, I am in Japan, and I'm very happy to have started IMARCS and working with my amazing team!

"I believe in the power of restoration"

Meet Our Team

JORDAN FLAGEL

Lead Environmental Scientist

Jordan focuses mainly on writing science-based content, quantifying carbon removal, and maximizing environmental benefits through mariculture and marine science. He has a background in sustainable development and holds MSc degrees in Sustainable Resource Management from UM and Integrated Science and Technology from JMU.

TIN DALIDA

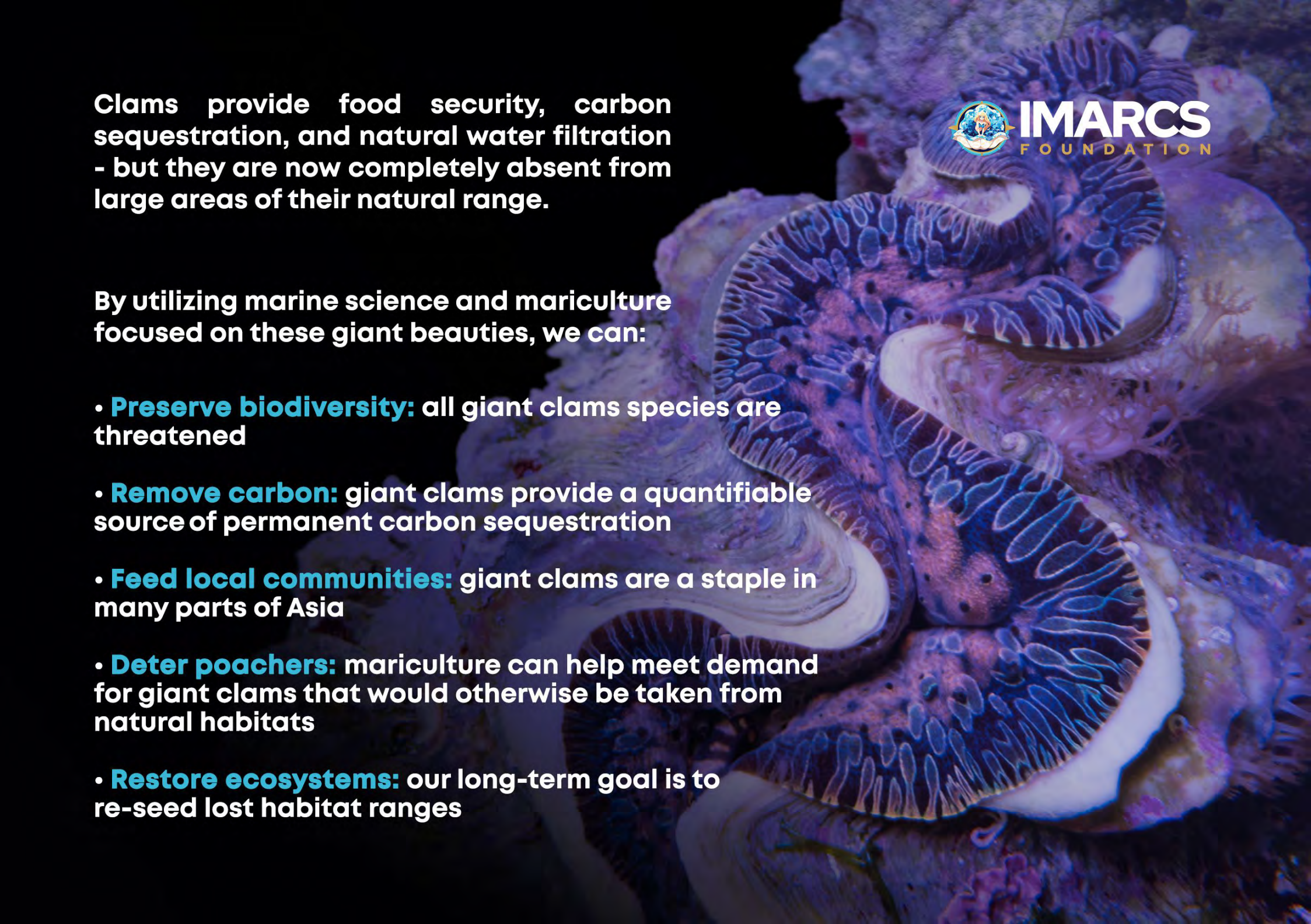
Content Manager

Tin combines her passion for social media with her scientific background. She holds a BSc degree in Environmental Science from Ateneo de Manila University and is currently pursuing a Master of Science in Environmental Engineering at the Philippines' top university.

GARY EDWARDS

Media Specialist

Gary Edwards, known as Eddie by friends and colleagues, started his photography career at the Defense Information School in 2004. Driven by a passion for mastery, he pursued a degree in Communications with a focus on film, photography, and journalism, which then led him to earn a Master of Fine Arts in Photography, specializing in Fine Art.



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Clams provide food security, carbon sequestration, and natural water filtration - but they are now completely absent from large areas of their natural range.

By utilizing marine science and mariculture focused on these giant beauties, we can:

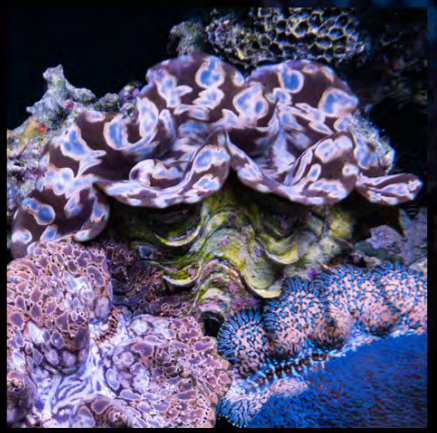
- **Preserve biodiversity:** all giant clams species are threatened
- **Remove carbon:** giant clams provide a quantifiable source of permanent carbon sequestration
- **Feed local communities:** giant clams are a staple in many parts of Asia
- **Deter poachers:** mariculture can help meet demand for giant clams that would otherwise be taken from natural habitats
- **Restore ecosystems:** our long-term goal is to re-seed lost habitat ranges

We currently grow five species of giant clams

As our main avenue for direct carbon removal, food security, and threatened species preservation, we grow multiple species of giant clams. These large, beautiful bivalves — known scientifically as tridacnae — take in and utilize large amounts of CO_2 due to their high biomass, and permanently sequester carbon in their dense calcium carbonate shells!

Tridacna maxima

Tridacna squamosa



Tridacna derasa

Tridacna crocea

Tridacna noae

What we'RE about:

REmoval of carbon from the atmosphere
REplenishing reefs with needed species
REstoring marine ecosystems
REviving communities
REthinking what is possible for our future

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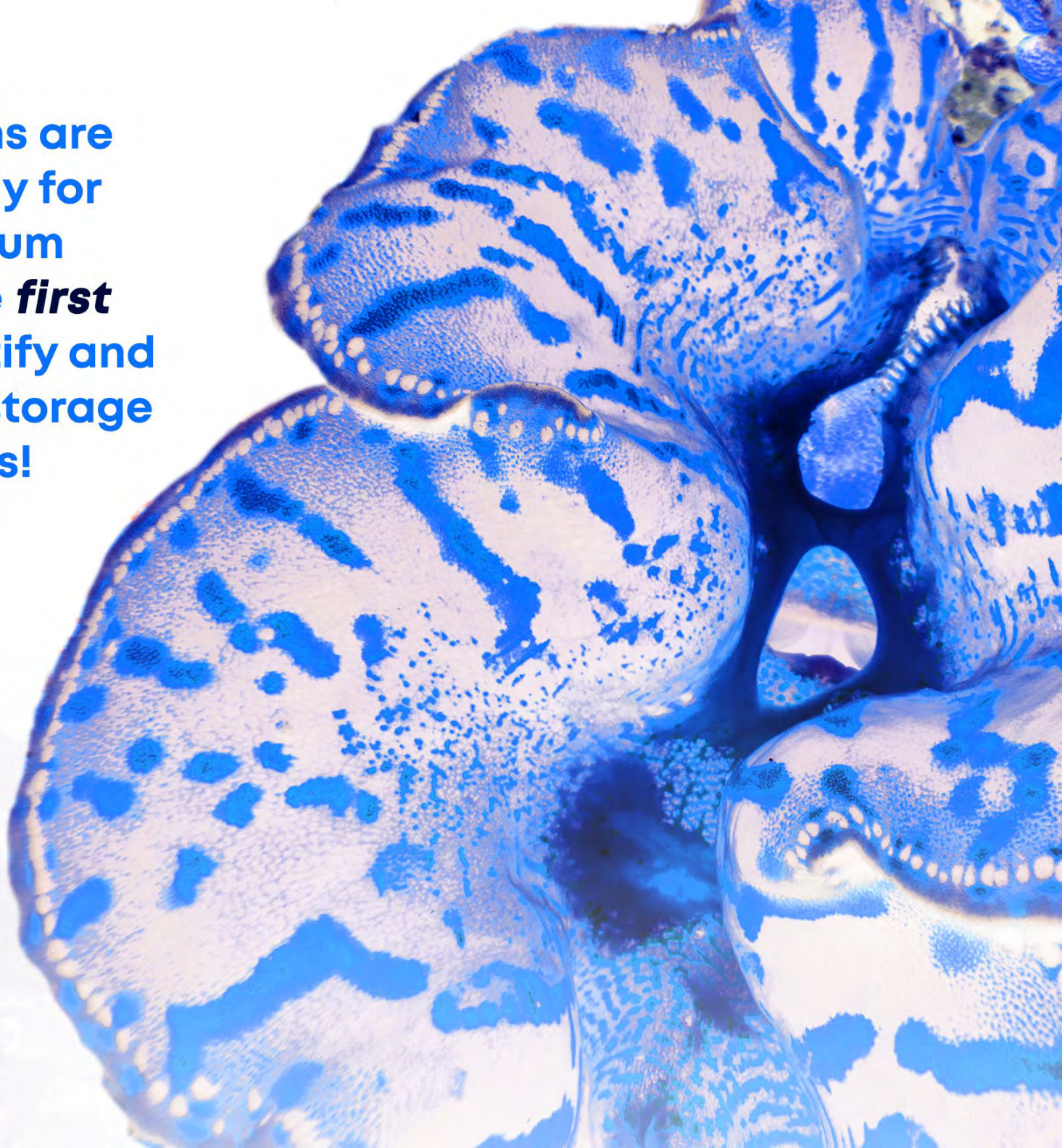
Although giant clams are farmed commercially for food and the aquarium trade, IMARCS is the ***first*** foundation to quantify and utilize their carbon storage and removal abilities!



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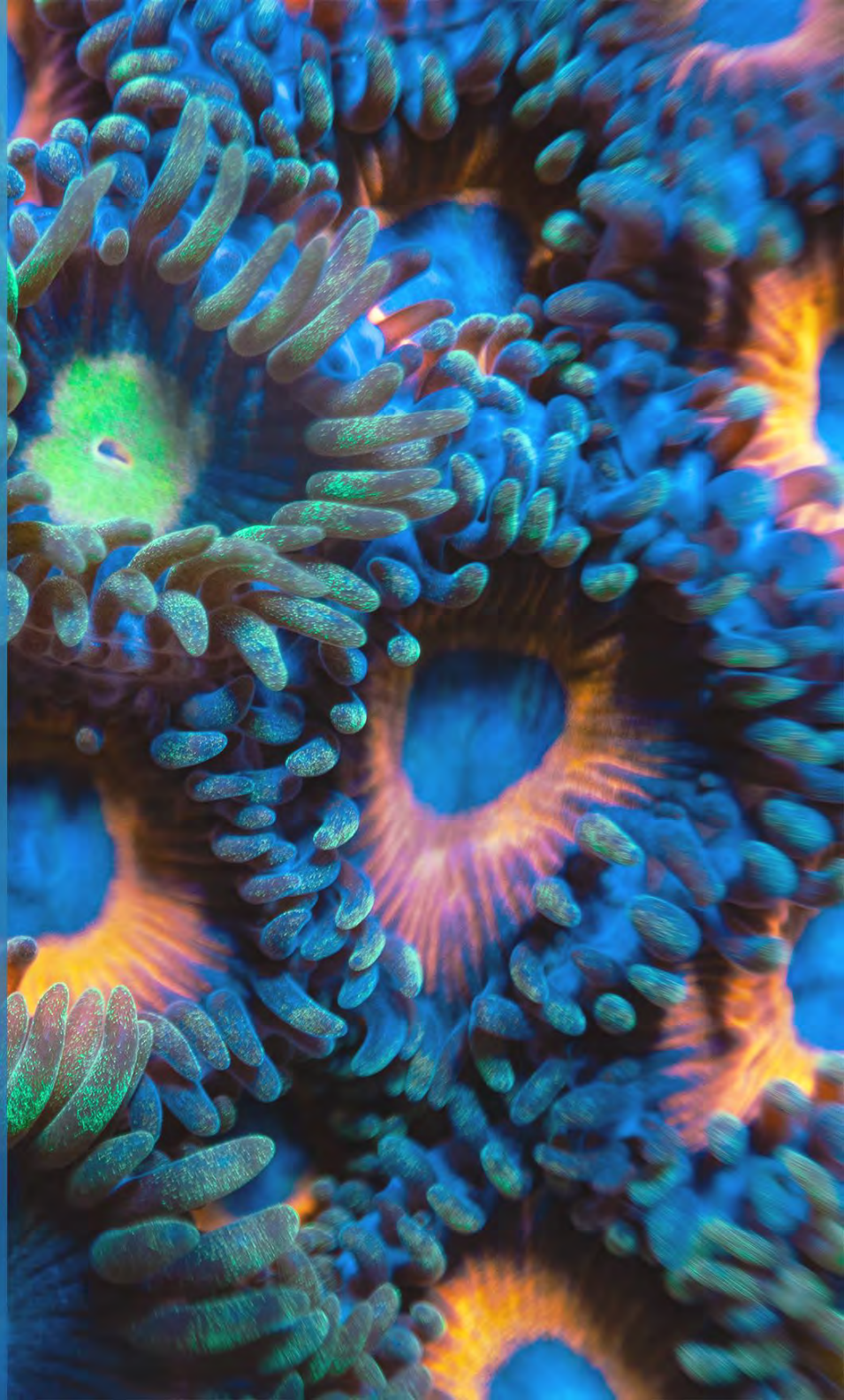
Why Support IMARCS?

- **Established methods:** Mariculture and marine science have proven effective in restoring ecosystems, enhancing food security, and helping to mitigate aspects of climate change.

- **Long-term impact:** Our focus on giant clam mariculture ensures continued ecological benefits, permanent carbon storage and removal, and lasting impacts on local communities.

- **Holistic approach:** We address the interconnectedness of sustainability by providing sustainable food sources and fostering resilient communities.



Engage in Meaningful Initiatives

Your partnership allows you to actively participate in our range of impactful projects.

We are committed to transparent reporting and providing statistical impact numbers, demonstrating the tangible outcomes of your support.

Reach out to us for more information on how to get involved

- Donate
- "Adopt-a-clam"
- Partner with us

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Join us in our mission to restore reefs and reduce CO_2

relationships@imarcs.org