



PALAU SPEAKS TO THE WORLD

FROM THE BOTTOM OF THE SEA - WITH LIGHT

THE WORLD'S FIRST EVER CONVERSATION BY A HEAD OF STATE SUBMERSED IN WATER USING LIGHT

On the 5th of October 2025, the world will witness the first ever live underwater conversation. The President of Palau speaks in this historic event to whoever wishes to hear his message about innovation and life in the future. His medium is light and his friend at a table is a mermaid.

These mind-boggling moments change our perception of the sea: we will discover her hidden marvels, permitting to share new insights and worldly experiences.

Palau is a sanctuary for biodiversity, a pioneer in putting the oceans back on their evolutionary path. Voices will be heard like never imagined. Just picture the President seated on a chair, at the bottom of the sea with his guests, the mermaid and the giant clam, discussing the future for all 100 million species with whom we share these massive bodies of water.

LIFI TALKING MASK WORLD PREMIERE IN PALAU

OCTOBER 5 2025

LIFI TECHNOLOGY

WHEN LIGHT BECOMES A VOICE

Alexander Graham Bell invented the photophone in 1880, using sunlight to carry voice wirelessly. The invention of the LED lamp, made with a chip, finally turned Bell's vision into a reality. Prof. Dr. Suat Topsu, a professor at the University of Paris-Saclay uses the flickering LED light to carry data, voice, video, and even your GPS.

WiFi depends on radio waves, which work in the air but not in water. LiFi depends on light, allowing it to carry data at amazing speeds—currently at 250 Mbps and soon at 252 Gbps. This is faster than the best cellphone or satellite. Better still, information sent by LiFi provides highly secure point-to-point communication.

LiFi has been around for nearly 20 years. **Now the technology is ready** for its killer app: talk and communicate anywhere even from the bottom of the sea. A team of engineers gathered all available prototypes and guided by Gunter Pauli, the author of **The Blue Economy** produced professional full-face masks that permit a normal conversation under the water. **The President of Palau** will transmit his message to the world through the power of light.

Fantasy turns into reality: whales and dolphins have been chatting around the oceans for millions of years; **for the first time, humans can join...**



MARINE RESEARCH

Real-time communication enables scientists to collaborate underwater, advancing ocean studies and conservation efforts.

DIVING SAFETY

Clear communication between divers and surface teams improves safety and emergency response capabilities.

UNDERWATER OPERATIONS

Infrastructure inspection, maintenance, and construction benefit from reliable underwater communication systems.

OCEAN EXPLORATION

Documenting and understanding marine life becomes more accessible with natural conversation capability underwater.

#LIFIPALAU
#UNDERWATERPODCAST

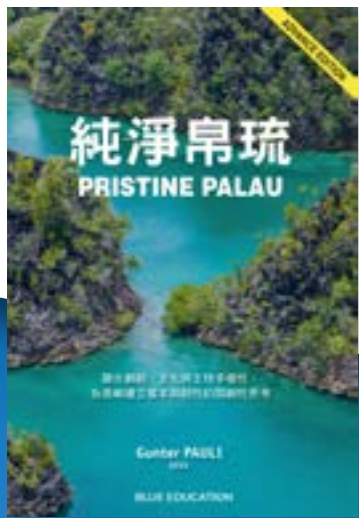
MADE POSSIBLE BY A WORLD UNITED

GLOBAL COLLABORATION & PARTNERS

We thank the Government of Palau, and HE The President in particular for their generous and enthusiastic support, as well as their desire to lead in this breakthrough technology that will open up opportunities beyond imagination.

Blue Innovation is planning to make **the first 100 sets of underwater communication systems** available. Each set consists of three professional full-face masks, a relay to the surface, and all peripheral equipment. These units will only be sold to pioneers who demonstrate their capacity and commitment to be part of the initial teams that will test, trial, improve, and share their incredible novel underwater experiences. Anyone who wishes to reserve a set can contact <info@zeri.org> and more information will be provided on a private and personal basis after approval. Deliveries are anticipated in Spring 2026.

The breakthrough technology of LiFi, and its advent for a new generation of ocean diving, underwater robotics, automated e-DNA and so much more was already described in the book *Pristine Palau*, published in March 2025 and available free of charge



Free download Gunter's books and more information on LiFi talking masks on www.theblueeconomy.org



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