

# PCSD Updates

Palawan Council for Sustainable Development



*Aerial shot of the Race for Water vessel at Puerto Princesa Baywalk, Palawan*

## Race for Water Odyssey visits Palawan

FROM SEPTEMBER 19 to October 6, students, researchers, government officials, and leaders from all over Palawan were coming in Puerto Princesa Baywalk and Taytay to see the world's largest solar-powered cartamaran in

anchorage.

Registered in France under the auspices of the Race for Water Foundation, this super boat is on voyage around the world to raise awareness on plastic pollution and show innovative

solutions and business models that give value to plastic waste and encourage its collection.

The vessel gained praises from people around the world due to its special design . . .  
(continue to page 2)

### 257th and 258th PCSD Meeting by the numbers:



**6** resolutions passed



**21** projects under  
Category A (PCSD AO No. 6)



**14** projects under  
Category B (PCSD AO No. 6)

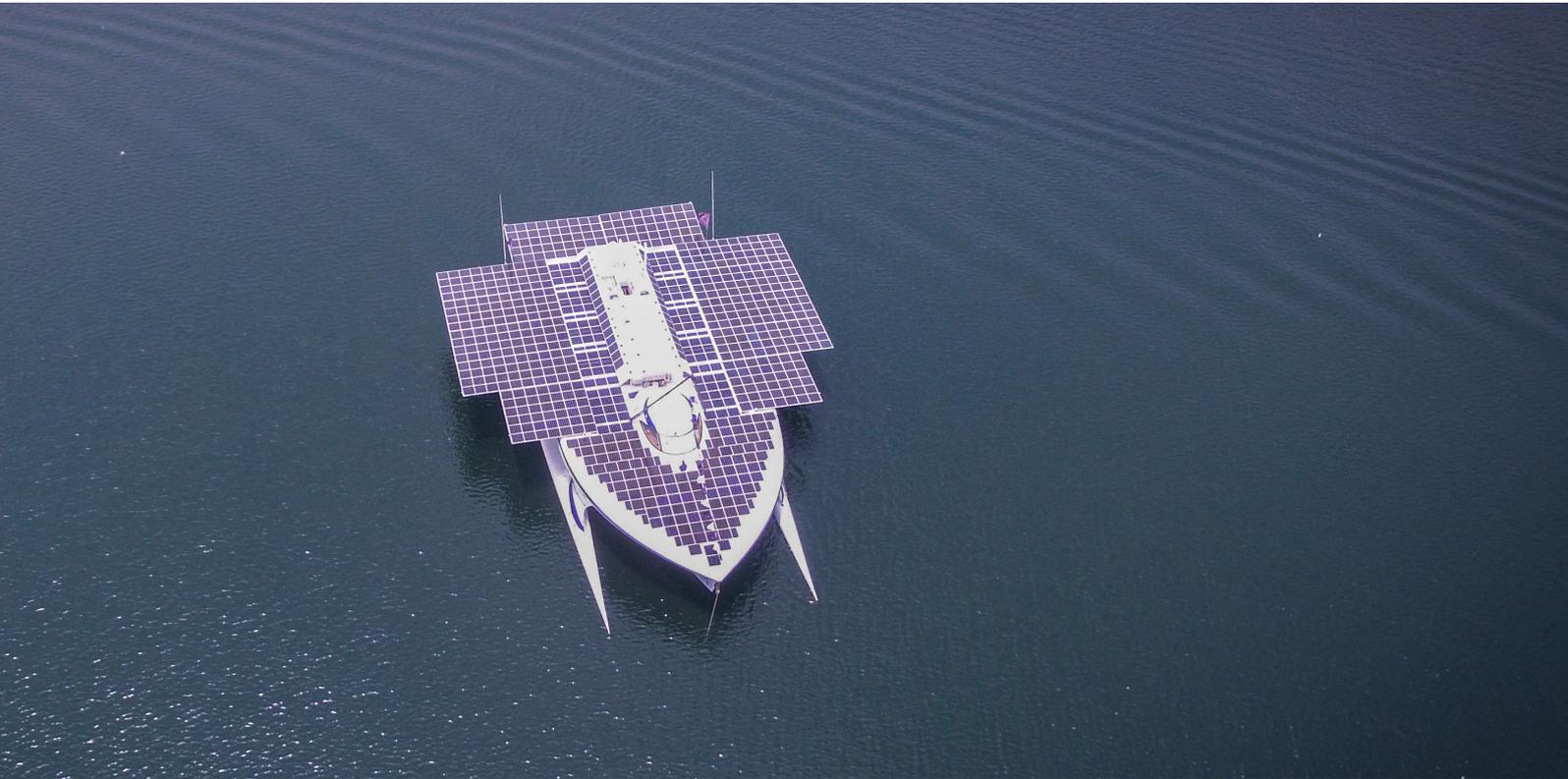
### CHECK INSIDE:



**PCSD NEWS**

**RFF CLOSE SEASON,  
TULUYANG  
IPAPATUPAD  
NG PCSD** p.7

**Vietnamese fishermen charged  
with poaching in Palawan** p.6



# Race for Water . . . (from page 1)

that models transition to renewable energy, as it is hundred-percent powered by the sun, water, and wind.

## Plastic Pollution and the Ocean

This is not the first time the Race for Water Foundation has set out in an odyssey. In 2015, they made a global assessment of marine plastic pollution where they con-

cluded that “plastic islands” do not exist. Instead, only 1 to 3 percent of plastic pollution remains on the surface and the rest makes the ocean a “veritable toxic soup of microplastics” that is impossible to clean up.

Since then, the foundation decided to direct its attention in dealing with the source of the problem

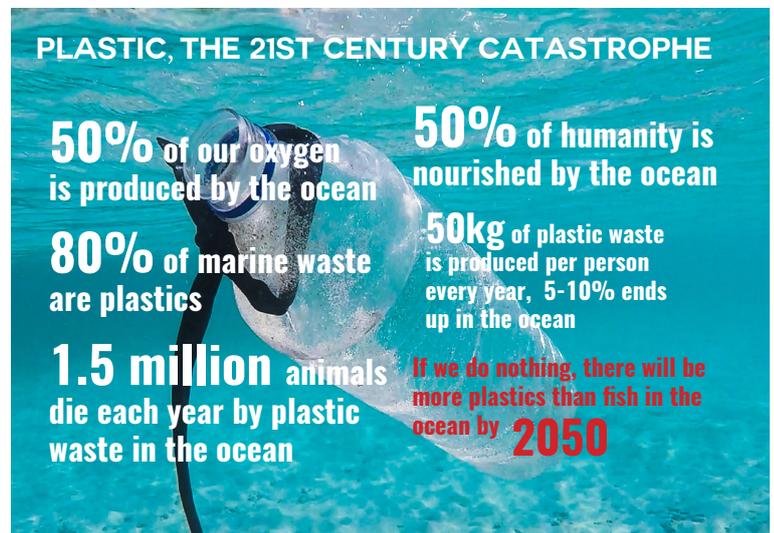
-- not on the waters, but on the land.

During the press conference of Race for Water last Sept. 19 on board the vessel at Puerto Princesa, the crew’s second in command Anabelle Boudinot presented the foundation’s biogreen solution that converts plastic waste into energy.

This greener technology was designed by the Race for Water



The crew’s second in command Anabelle Boudinot shares a short history of plastic waste during a workshop with government officials





**POWERED BY THE SUN, WIND, AND WATER**

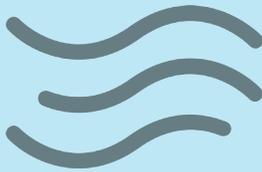
The Race for Water vessel is also a showcase for energy transition thanks to its combined solar-hydrogen-kite propulsion system



- 512 m<sup>2</sup> of solar panels and storage in the 7.5 tons of Lithium-ion batteries
- Energy autonomy of 36 hours of navigation



- 7.5 m<sup>3</sup> of hydrogen at 350 bars stored in 25 bottles
- 2 fuel cells deliver more than 2,600 kWh of electricity (gain of autonomy: up to 6 days at 4 knots)



- 40 m<sup>2</sup> self-piloted Kite wing deployed at 150 m altitude
- 4 to 8 knots speed without electric motor power

and developed by the company ETIA.

**The Biogreen Solution**

The team presented valid reports which show that only 15 to 20 percent of plastic waste is collected for recycling.

Boudinot shared that only half of the collected plastics can be recycled due to healthy, safety, quality, and contamination reasons, while it is also cheaper to produce

plastic than recycle it.

For this reason, the Race for Water Foundation advocates for a circular plastic economy.

The foundation's prime solution is a technology that can "put an end" to most of plastic pollution in the ocean, when deployed into larger scale.

This innovative technology is made up of units that uses high temperature pyrolysis to transform plastic waste into electricity.

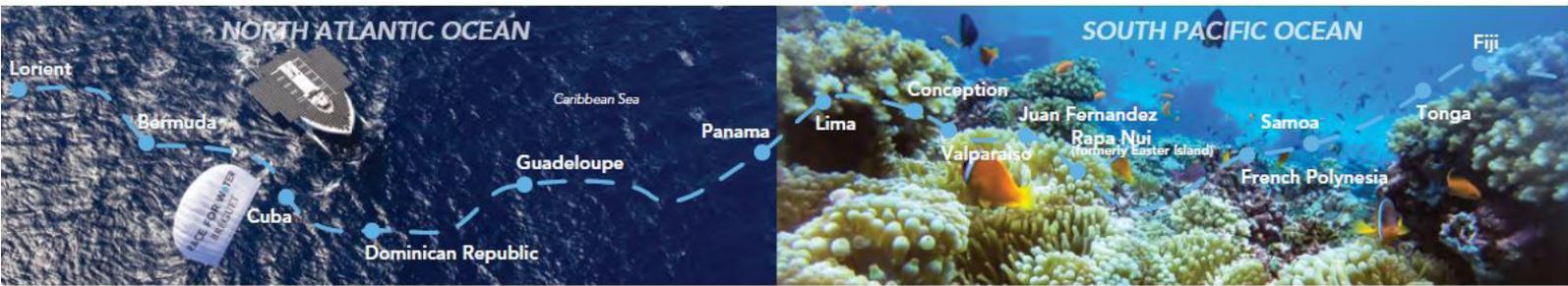
According to Boudinot, such units are in containers that can be installed in inhabited areas and allow isolated communities, such as islands, to independently manage their own waste and energy production.

The income generated in the production of energy can be used to pay street collectors and reduce in waste disposal costs.



**"It's right that the Race for Water team have come to Palawan, as it is the only province in the country to have a unique environmental protection legislation in place, but also because the private sectors are willing to engage and to work together! Things are happening, the awareness is increasing. The reason we are here is to learn, share and act."**

Alain Gaschen, the Swiss Ambassador to the Philippines



## RACE FOR WATER IN PALAWAN

For 5 years, the Race for Water vessel is going around the world, from North Atlantic Ocean to Indian Ocean to raise awareness, identify, and promote and deploy local solutions for transforming plastic waste into energy. Palawan is the only place in the country that is included in the total of their 35 stopovers.

In partnership with the Palawan Council for Sustainable Development Staff (PCSDS) and Sulubaii Foundation, local and national media, students, researchers, and key officers from different environmental organizations and energy production companies were able to tour around the vessel and hear the messages of the Race for Water Foundation. The programs were held in Puerto Princesa and Taytay from Sept. 19 to Oct. 5.



One of the engineers from the Race for Water crew explains to students of Puerto Princesa Pilot Elementary School how the vessel harnesses energy from the wind, sun, and water.



A cultural night was hosted by the Provincial Government of Palawan for the crew of the Race for Water Foundation.



## LEARN, SHARE, ACT

The odyssey focuses on 3 programs:



### LEARN

Contribute to the advancement of scientific knowledge on plastic pollution



### SHARE

Alert decision-makers, raise awareness among the general public and educate the younger generations



### ACT

Promote and implement solutions with a sustainable economic, environmental, and social impact



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n.

The welcoming group from the City Government of Puerto Princesa plays traditional folk songs of Palawan.

# Vietnamese fishermen charged with poaching in Palawan

EIGHT FISHERMEN WERE arrested by the Philippine authorities for illegal entry inside the country’s territorial waters in Mangsee Palawan and for allegedly poaching assorted species of marine wildlife last Sept. 27.

After an inspection, the Philippine Coast Guard (PCG) has found 11 Spotted White Wedgefish, 3 unknown shark skin, 2 unknown shark jaws, and 3 unknown species of ray and 1 blacktip shark inside the 32-meter long Vietnamese Foreign Vessel.

According to the report by PCG, the said vessel was found in a rich fishing ground during a fair weather without possessing any document to validate their entry. It was also stated that the alleged poachers were seen throwing something at the sea, which was likely to be some of their illegal catch, while the coastguard vessel

was approaching to their boat.

The PCG has charged the eight Vietnamese with poaching under R.A. 8550, or the Philippine Fisheries Code of 1998, as amended by R.A. 10654.

Meanwhile, the Palawan Council for Sustainable Development Staff (PCSDS) filed a case against the eight Vietnamese for violating R.A. 9147, Section 27 (f) that prohibits “collecting, hunting or possessing wildlife, their by-products and derivatives.”

PCSDS ERED OIC Levita Lagrada said PCSDS and law enforcement groups are continually combating wildlife-related crimes by strengthening coordination and empowering local communities and partners.

She added that the establishment of PALAWEN, an inter-agency network for wildlife law enforcement, and the

development of digital tools such as BRAIN will help make the monitoring and reporting system more efficient. 🍃



Staff from the Bureau of Fisheries and Aquatic Resource helps in identifying and counting the items carried by the Vietnamese.



Meat from unidentified species were seen being dried in the vessel.



Eleven pieces of dried Spotted White Wedgefish, scientifically known as *Rhynchobatus australiae*, were confiscated. This species is included in the IUCN list of threatened species.



## RFF close season, tuluyang ipapatupad ng PCSD

UPANG MAPANATILI ang produksyon ng reef-fish-for-food (RFF) sa karagatan, makapahinga ang mga bahura na tirahan nito, at matugunan ang walang kontrol na pagkuha nito, nagdesisyon na ang Palawan Council for Sustainable Development (PCSD) noong ika-256 pagpupulong ng konseho na muling ipatupad ang “seasonal control” ng RFF.

Matatandaang sinuspinde ang implementasyon ng seasonal control sa RFF noong Disyembre 2017 dahil sa panukala ng mga traders at catchers nito na magkaroon muna ng socio-economic impact study ukol dito.

Bilang tugon, kinomisyon

ng PCSD ang Western Phippines University upang magsagawa ng nasabing pag-aaral. Kamakailan lamang ay lumabas ang resulta na nagpapakitang hindi nalalayo ang kinikita ng isang mangingisda tuwing open season kompara sa close season.

Higit kalahating taon na rin magmula nang matapos ang isang taong panukala ng pagsuspende ng RFF seasonal control.

Ayon sa PCSD Resolution No. 19-676, taon-taung magsisimula ang close season sa unang araw ng Nobyembre at magtatapos sa huling araw ng Marso. Ito ay sapat na panahon upang hayaang mangitlog at muling dumami ang RFF.

Itinatadhana rin ng nasabing resolusyon na kinakailangang maglaan ng pondo ang mga lokal na yunit ng pamahalaan para sa pagsasagawang rehabilitasyon ng mga sirang bahura, pagpapatupad ng mga programang pangkabuhayan para sa mga apektadong mamamayan, pagpapagiting ng pagpapatupad ng kaukulang batas pangkalikasan, at pagdeklara ng trenta (30) porsyento ng kanilang karagatan bilang Marine Protected Areas (MPAs).

Samantala, patuloy na pag-uusapan ang mga maaaring pagbabago o mga karagdagang restriksyon sa paghuli ng suno sa mga susunod na pagpupulong ng PCSD. 🍃



**GET THE UPDATES, LIVE!**  
 TUNE IN TO THE PCSD RADIO PROGRAM  
 9:00- 10:00 AM, EVERY TUESDAY - RADIO MO NATIONWIDE!

**103.9** PUERTO PRINCESA  
**103.1** QUEZON **113.4** ROXAS  
**103.7** BROOKE'S POINT **79.2** NARRA

# KEEP WILDLIFE IN THE WILD



May nakita ka bang umaabuso sa buhay-ilang o sumisira sa tahanan nito?



MANGYARING I-REPORT SA PCSD ENFORCEMENT TEAM TEXT LINE:

0935 116 2336 (GLOBE/ TM)  
 0948 937 2200 (SMART/ TNT)

This month, PCSD Staff and law enforcement partners have

**seized/confiscated a total of**

230 lbs of seahorses	580 lbs of scutes
87 lbs of sea dragons	2,540 lbs of pangolin scales
11 pcs of White-spotted wedgefish	1 pc of Blacktip Shark

**and rescued a total of**

1 sunbird	1 Green sea turtle	1 dugong
1 monitor lizard	3 pythons	



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## PCSD Updates

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