MIRO

JHON BASEY

Present

New Concept Cleaning and Recycling

Inspired by the Emerald Table

CATAMARAN CORVIN SEAHORSE MIRO (Catamaran cleans oceans)

CREATIVE TECHNOLOGY
JHON BASEY



INVESTIMENTO GLOBAL 34 M€

Uma ideia: **Jhon Basey & Miró Team Design**

Um Projeto: **Colaboração universitária**

Uma Realidade: **Catamaran Corvin SEAHORSE MIRO**



Triton Marine: Coletor de resíduos sólidos +/- 2m de superfície (plásticos, garrafas, redes, ...)

Catfish: Limpeza do fundo marinho

Dragon Power: Recuperador de praias

24 unidades/ano (3 configurações)

QUANTOS são feitos?







PARA QUEM são feitos? Original Portugal, Açores, Madeira e Mercado Global

ONDE são feitos? Portugal

TARGET – CONCEPT

Desde muito jovem, o atual Hokage de John A Basey Creative Technology tem sido uma forte ativista pela proteção da natureza, buscando sempre uma convivência harmoniosa entre o ser humano, suas necessidades e a matéria-prima obtida da terra, filosofia que foi permanentemente incutida em toda a equipe.

Desde 1973, filantropo anônimo com sua família, de Seattle, Washington. Colaborador próximo da recém-criada ONG Greenpeace em Vancouver. É membro de diversas organizações não governamentais em defesa da Amazônia, dos Oceanos e da preservação dos ecossistemas. Sem esquecer que o ser humano vem em primeiro lugar e ter suas necessidades básicas atendidas deve prevalecer para ter estabilidade e progresso.

Após o naufrágio do Rainbow Warrior, na década de 90, foi quando se fortaleceu e se empenhou firmemente na busca pela preservação dos ecossistemas tropicais e marinhos. Desde 2010 e após anos de estudos e ensaios, em Jhon Basey Creative Technology em conjunto com a Miró Team Design conseguimos um produto inovador.

Inspirado na grande plataforma TERRACYCLE, movimento global que entre seus esforços e objetivos, está a recuperação da qualidade das águas marinhas, rios e lagos, bem como de seus fundos, enfim, a recuperação da natureza e de seus ecossistemas, é para o que desenvolvemos um produto inovador que nos permitirá cumprir o objetivo supracitado, juntando-se ao slogan “Quebre as ondas para a sustentabilidade”.

TARGET – CONCEPT

CORVIN SEAHORSE MIRO

Catamarã de três configurações:

Triton Marine: Coletor de resíduos sólidos +/- 2m de superfície (plásticos, garrafas, redes, ...)

Catfish: Limpeza do fundo marinho

Dragon Power: Recuperador de praias

É uma embarcação do tipo catamarã, multicasco, projetada para coletar e reciclar resíduos de todos os tipos que estejam flutuando ou rasos em águas costeiras, seja no mar, lagos ou rios navegáveis. Seu equipamento permite também remover redes de deriva, cordas flutuantes, objetos pesados como cilindros de gás e também rebocar objetos de grande volume e peso, como árvores e troncos à deriva. Câmeras subaquáticas são instaladas, para coordenar e usar seu sistema para limpar fundos subaquáticos. Além disso, possui uma draga filtrante, que independentemente de ter a capacidade de "limpar fundos (garrafas de vidro, latas de alumínio, ...)", possui uma configuração que permite bombear a areia do fundo sem prejudicar o ecossistema e bombeá-lo até 1 km, para a reabilitação das praia,s que devido às diferentes tempestades causadas pelas alterações climáticas, são cada vez mais frequentes. Com o consequente prejuízo económico, para o desenvolvimento da atividade turística, um dos principais motores das economias de cada país, permitindo melhorar a qualidade de vida e bem-estar dos visitantes.

EXITING- PIVOTING

As últimas vicissitudes das mudanças climáticas com danas , furacões, ciclones, tsunamis, estão conscientizando a população mundial de que devemos respeitar o meio ambiente.

Em particular, entendemos que para evitar o envenenamento do planeta, devemos começar a reciclar de forma séria e constante os resíduos que devido às circunstâncias atmosféricas (inundações que transportam os resíduos para o mar), ou devido à apatia e falta de consciência do ser humano, acaba por deitar fora e não se preocupar com o destino final de (sacos de plástico, garrafas, latas de alimentos e bebidas, resíduos de plástico em geral), que não só prejudicam a imagem das nossas costas e fundos marinhos, como também prejudicar a cadeia alimentar dos nossos peixes.

Nosso catamarã desenvolvido por Jhon Basey Creative Technology / Miró Team Design , procura a colaboração de Universidades cuja especialidade é a nova Tecnologia e Ciência, para assinar acordos de colaboração, para tornar realidade tecnologias inovadoras com a experiência da nossa engenharia, garantindo o sucesso e minimizando o risco económico.

Tudo sob um conceito ecológico já que a propulsão é 100% elétrica e/ou híbrida.

Produto destinado a Governos, Consórcios Regionais, Instituições Públicas/Privadas,... enfim, a limpeza das águas costeiras, a recuperação do fundo do mar e a reabilitação das praias, é da responsabilidade de todos.

Aderindo ao slogan da TERRACYCLE "Quebre as ondas para a sustentabilidade" do ecossistema.

CORVIN SEAHORSE MIRO (Catamaran cleans oceans)



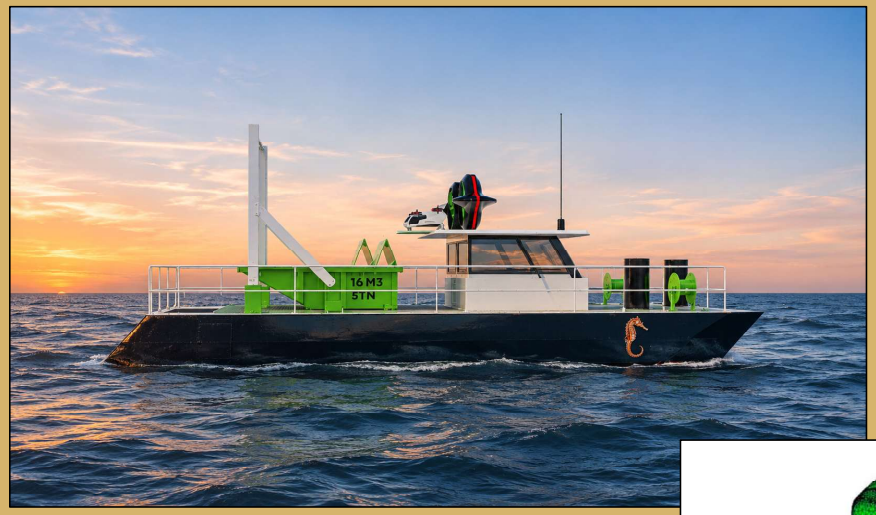
Propulsão é **100% elétrica e/ou híbrida**

Overall Length: 20 m
Breadth: 7 m
Prop: 1,5 m
Depth: 0,7 m
Mouth whale: 4 m x 2m

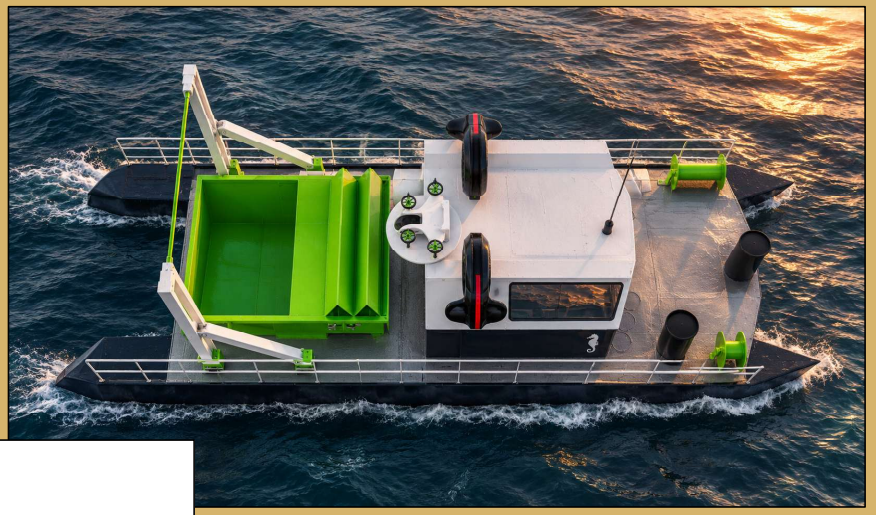
Estimated displacement: 24 Tn
Maximum speed: 14 knots
Cruising speed: 10 knots
Work rate: 3 - 4 knots
Estimated autonomy : 5 - 6 h

Drone ALBATROS
Furuno Radar 20 Miles
Sonar/Cameras submerged 50 m
Equipment: Hydraulic suction pumps maximum depth 50 m - diameter 25 cm

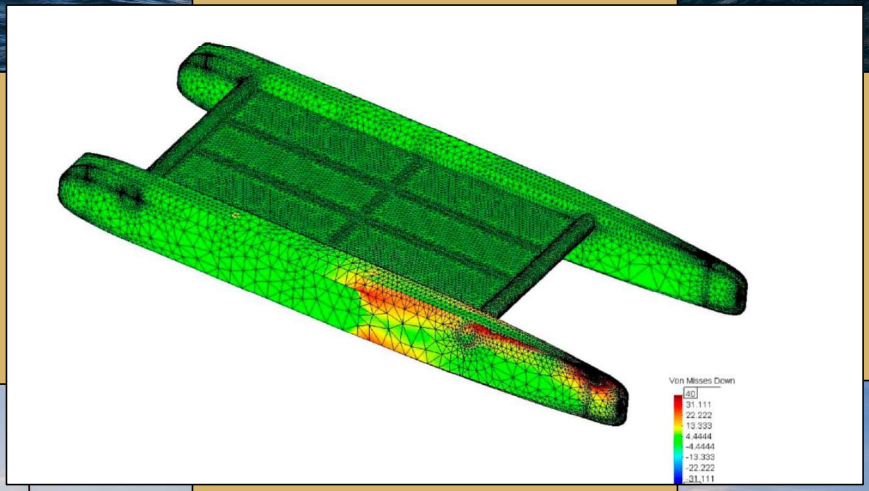
CORVIN SEAHORSE MIRO (Catamaran cleans oceans)



- 2 electric motors to propel the catamaran of 100 Kw each.
- 2 support generator sets of 50 Kva each, with a consumption of 13 liters/hour of diesel per group.



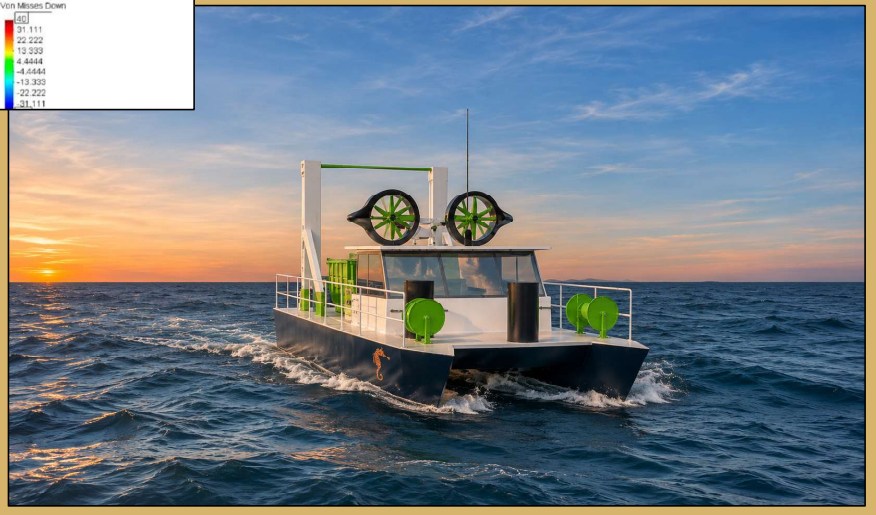
- 2 Batteries with a capacity of 200 Kwh and a weight of 1,400 Kg per battery, the nominal voltage of these batteries must not be less than 400 volts.
- 1 DC/AC inverter to power the 30 Kw servomotor.
- 1 DC/AC inverter to power the 40 Kw servomotor.



- 1 servomotor of 30 Kw operating at low revolutions and high torque, associated with a hydraulic pump to drive the conveyor belt and compact the waste.
- 1 servomotor of 40 kw operating at low revolutions and high torque, associated with a hydraulic pump to control the auxiliary crane.



- 2 DC/AC inverters to power the drive motors.
- 2 management BMS, for charging the batteries.



EXECUTIVE STAFF JHON BASEY



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Un Idea: **Jhon Basey & Miró Team Design**

A Project: **University collaboration**

A Reality: **Catamaran Corvin SEAHORSE MIRO**



Triton Marine: Solid waste collector +/- 2m surface (Plastics, jugs, nets, ...)

Catfish: Cleaning of Seabeds

Dragon Power: Reclaimer of Beaches

24 units/year (3 configurations)

HOW MANY are made?







FOR WHOM are they made? Original Portugal, Azores, Madeira and Global Market

WHERE are they made? Portugal

TARGET – CONCEPT

From a very young age, the current Hokage of Jhon Basey Creative Technology, has been a strong activist for the protection of nature, always seeking a harmonious coexistence of human beings, their needs and the raw material obtained from the earth, a philosophy that has permanently instilled in the entire team. Since 1973, he has been an anonymous philanthropist along with his family, from Seattle, Washington. He is a close collaborator with the newly created NGO Greenpeace in Vancouver. He is a member of different non-governmental organizations in defense of the Amazon, Oceans and the preservation of ecosystems. Without forgetting that the human being comes first and having their basic needs covered must prevail in order to have stability and progress.

After the sinking of the Rainbow Warrior, in the 90s, it was strengthened and firmly committed to the search for the preservation of tropical and marine ecosystems. Since 2010 and after years of studies and trials, at Jhon Basey Creative Technology together with Miró Team Design we have achieved an innovative product. Inspired by the great TERRACYCLE platform, a global movement that among its efforts and objectives, is the recovery of the quality of marine waters, rivers and lakes, as well as its funds, in short, the recovery of nature and its ecosystems, is for what we have developed an innovative product that will allow us to meet the aforementioned objective, joining the slogan "Break the waves for sustainability".

TARGET – CONCEPT

CORVIN SEAHORSE MIRO

Catamaran of three configurations:

Triton Marine: Solid waste collector +/- 2m surface (Plastics, jugs, nets, ...)

Catfish: Cleaning of Seabeds

Dragon Power: Reclaimer of Beaches

It is a multi-hull, Catamaran-type vessel, designed to collect and recycle waste of all kinds that is floating or shallow in coastal waters, whether in the sea, lakes or navigable rivers. Its equipment allows it to also remove driftnets, floating ropes, heavy objects such as gas cylinders and also tow objects of great volume and weight, such as drifting trees and logs. Underwater cameras are installed, to coordinate and use their system to clean underwater bottoms. In addition, it has a filter dredger, which regardless of having the ability to "Cleaning of Seabeds (glass bottles, aluminum cans, ...)", has a configuration that allows it to pump the sand from the bottom without harming the ecosystem and pump it up to 1 km, for the rehabilitation of the beaches that, due to the different storms caused by climate change, are more frequent every day. With the consequent economic damage, for the development of tourist activity, one of the main engines of the economies of each country, allowing to improve the quality of life and well-being of visitors.

EXITING- PIVOTING

The latest vicissitudes of climate change with danas, hurricanes, cyclones, tsunamis, are making the world population aware that we must be respectful of the environment.

In particular, we understand that in order to avoid the poisoning of the planet, we must begin to seriously and constantly recycle the waste that due to atmospheric circumstances (floods that carry the waste to the sea), or due to the apathy and lack of awareness of the human being , ends up throwing and not worrying about the final destination of (plastic bag, bottles, cans of food and beverages, plastic waste in general), which not only damage the image of our coasts and seabed, but also seriously harm the food chain of our fish.

Our catamaran, which is being developed by Jhon Basey Creative Technology / Miró Team Design, seeks the collaboration of Universities whose specialty is new Technology and Science, to sign collaboration agreements, to make innovative technologies a reality with the experience of our engineering, guaranteeing success and minimizing financial risk.

Everything under an ecological concept since the propulsion is 100% electric and/or hybrid.

Product aimed at Governments, Regional Consortiums, Public/Private Institutions, ... in short, the cleaning of coastal waters, the recovery of the seabed and the rehabilitation of beaches, is everyone's responsibility.

Joining the slogan of TERRACYCLE "Break the waves for the sustainability" of the ecosystem.

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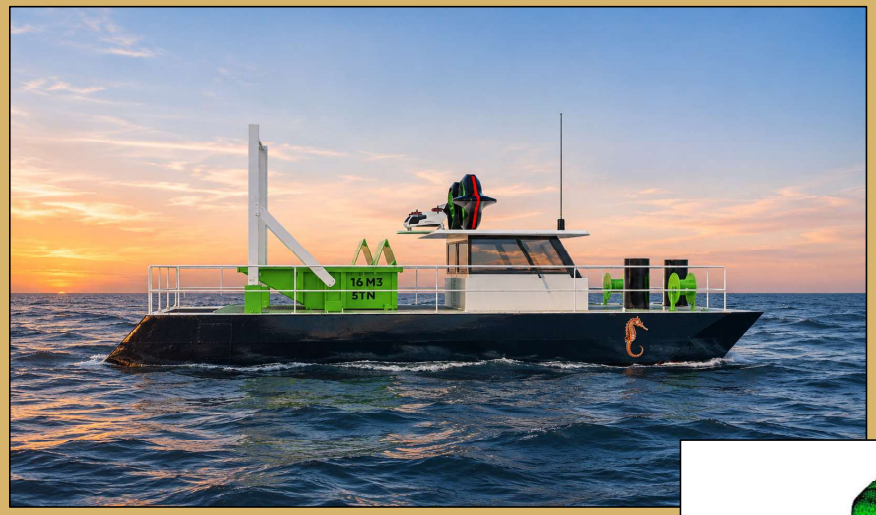
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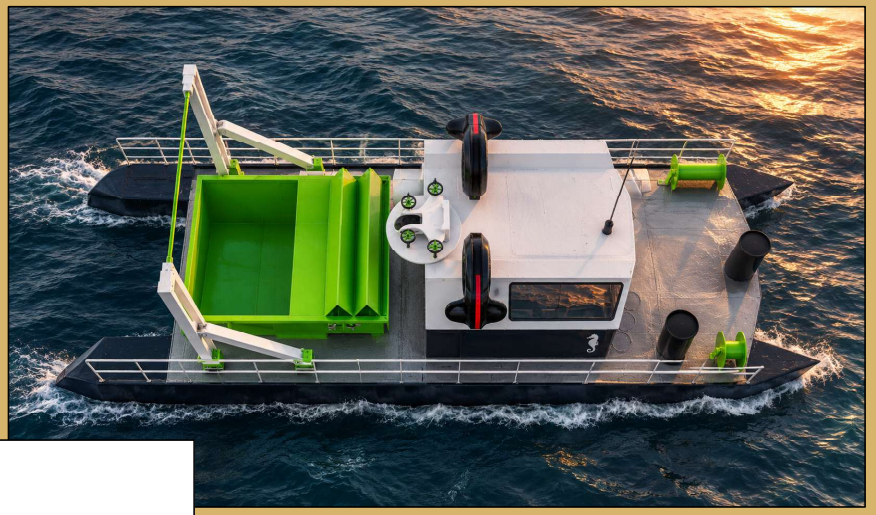
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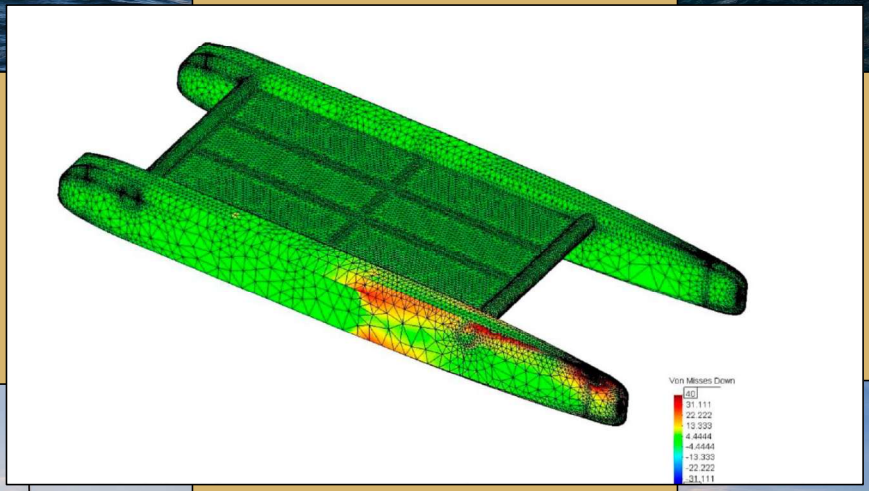
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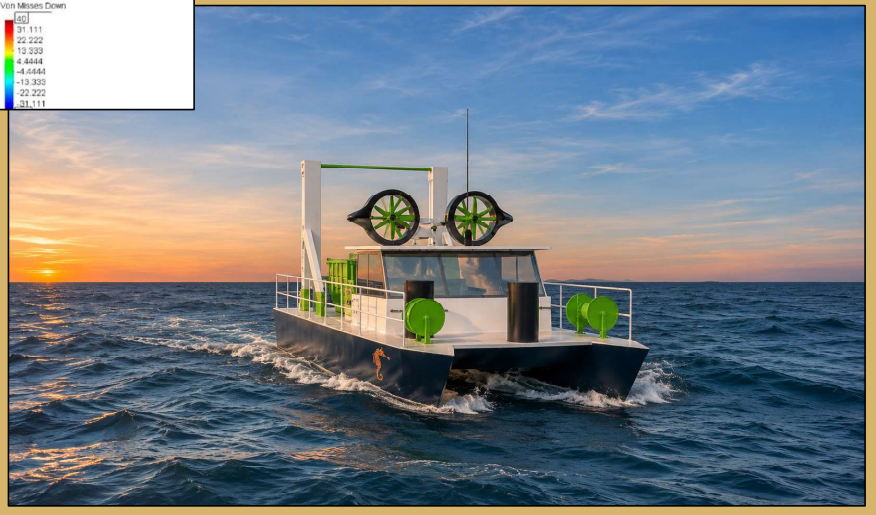
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CONSULTEC MARESME

BANOCO Assembling systems

Bee Clever Tech

3dtecnics

CREATIVE TECHNOLOGY JHON BASEY