

APPLICATION FORM - Submission Details

Submission Date : 21/03/2019 11:43 am

Unique Submission ID	292
Terms and Conditions acceptance	Yes
First Name	RUBEN
Middle Name	
Last Name	CARBONI
Artistic Name	
Team Members	4
Nationality	ITALIAN
Gender	Male
Date of Birth	
Mobile Number	
Country	Italy
State / Province	Ancona
Town / City	BOLOGNA
Street Address 1	
Street Address 2	
Postcode / Zip	
University (just for students)	
Document	
Document Number	

Prize Category	Design
Project Title	3CSup
Source of the used material	WASTE OF PET
Type of plastic involved	RECYCLED PET
Other materials involved	cork, paper, cardboard, regrind eps, fiberglass, bio epoxy
Years of production	2019
Edition	1
Weight and Dimensions	10KG 10'6" x 32" (3.15m x 0.80m)
Manufactured by	NERD SRL
Describe your project accurately and how you developed your idea	<p>Title: 3CSup The unique generation of custom, clear, cardboard Stand Up Paddle boards Subtitle: 3CSup connect sustainability with performance. A unique generation of cardboard core Sup boards super light and clear for any kind of cruise. Introducing NERD 3CSup The 3CSup combines an eco-friendly approach with performance. We created a game changing generation of boards super light and ultra-clear, especially designed for Stand Up Paddling. The 3CSup are both a high technology design products and a symbols of a new ecology perspective. We are convinced that 3CSup is an eco-friendly alternative to the mass production of inflatable and foam core Sup boards that currently infest the global market. Why is it important? The cardboard core technique reduces drastically the footprint of the object. If you consider that the core of a board makes up about 98% of the volume of the object, you will understand the innovation in terms of sustainability. Moreover the rails of the board are made by recycled and recyclable PET. One of our future goal is to set up a virtuous production system that help us to create the most ecology, unique and cheap boards on the whole world market! We're starting also to use an epoxy thermoplastic resin that will allow us to have 100% recyclability. So potentially we will avoid the use of thermoset resin polymer. Besides we are sure that by developing innovative products based on recycled and recyclable materials, we can raise awareness about the ecology situation of the planet. We have enlarged a plethora of innovative products, based on technology of our boards, that could help us to trigger a real change of design patterns also in other fields of production! Why recyclable&recycled materials? Basically because it's a challenge head on! Since the first foundation of the Clark Foam blanks company, surfers and shapers from all over the world struggled to find an "eco-Plan B" to substitute the polluting production of foam blanks. So</p>

over the years, new strategies, materials and techniques came and went without leaving a disruptive answer to the mass market. Now it's time to change the game! We spent a lot of time in studying existing various techniques, actually never accomplished, in testing prototypes and elaborating a new model that will allow us to minimize the footprint of a mass production of boards. We decided to progress a cardboard core technology! That is amazing because it's recycled and recyclable material, cheap, affordable, easy to customize and perfectly programmable with parametric and digital design. To complete the project we developed a strategy for the material recovery after the disposal of the boards.

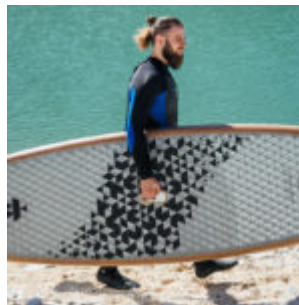
Picture 1 - Cover



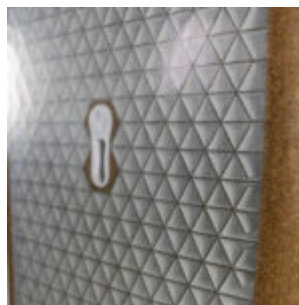
Picture 2 - Designer Portrait



Picture 3



Picture 4



Picture 5



Picture 6



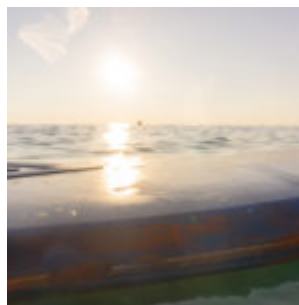
Picture 7



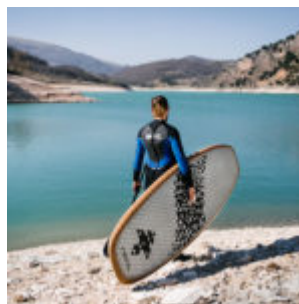
Picture 8



Picture 9



Picture 10



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URL	https://youtu.be/UivDTahA1Vk
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