URBAN AND PUBLIC FURNITURE DESIGN

EDITION 01

06. 2021

category 1

Ro PLASTIC PRIZE 2021

Official Main Partner

ateliers artea®

MATERIALS SCIENCE. REGENERATIVE DESIGN. BIOMIMICRY.

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www.ateliers-artea.com

BRAND ORIGINS

ateliers artea (ar-te-a)

'artea' means an ever flourishing oak tree.

The Oak tree is one of the most loved trees in the world, and with good reason.
It's a symbol of strength, morale, resistance and knowledge.

Throughout history, the Oak has been represented in different mythologies and sometimes linked to powerful gods (in Greek mythology it was a symbol of Zeus, the God of Thunder.)

The oak is considered a **cosmic storehouse** of wisdom embodied in its towering strength.
It grows slowly, but surely at its own rate.

Oak is often associated with honor, nobility, and wisdom as well thanks to its size and longetivity.

Oaks are known to easily surpass 300 years of age making it a powerful **life-affirming symbol.**
"The oak is a living legend representing all that is true, wholesome, stable, and noble."

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WHO WE ARE,
WHY WE DO WHAT WE DO

ateliers artea is a pioneering materials science and a multidisciplinary design start-up based in Doha, Qatar.

We develop innovative and regenerative biomaterials and collaborates with the world's most creative and daring companies.

TOGETHER, WE ARE CHANGING THE WAY THE WORLD THINKS ABOUT DESIGN.

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THE PIONEERS

JENIFFER MARIE TUNGOL
Founder & CEO, Innovation Lead

QF Qatar Foundation RDI Innovation Coupon Awardee 2020

Top 30 Most Influential People 2019 to impact the community in Qatar
Top 100 Most Influential Filipinos GCC 2019, Illustrado UAE

Future is Female Speaker-Georgetown University & HBKU Qatar

15 Years Experience Interior Design/ Product Design
Project Management/Supply Chain FF&E, OS&E, Artworks Specialist

5 Years with Qatar Foundation-Msheireb Properties
Sitewide Design & Delivery Manager-Msheireb Downtown Project as the FFE-Furniture & Artworks Specialist

www.jt-portfolio.com

https://www.linkedin.com/in/jeniffermarietungol/

The ATELIERS ARTEA TEAM is a diverse group of leaders with global experiences that expanse from Asia, Europe, Australia and The Middle East for the past 15 to 20 years.

Our expertise in various domains, passionate about sustainability and groundbreaking innovations make us a COMPETENT & RESILIENT TEAM.

We work in a collaborative and transformative environment.

TEAM PROFILES

ANDRE MELENDRES
3D Design Visualization Partner, SQUARE CRAFT

STEVE MICHEL BRANGER
Co-Founder, VP Hospitality

CRISTOPHER TUNGOL
Co-Founder, VP R&D Innovation

ANNABELLE TUNGOL
Adviser, Chief Environmental & Risk Auditor

FANOS PANAYIDES
Adviser, Net-Zero, Restorative Design & Urban Design

PUBLICATIONS

FRONTPAGE: QF-INNOVATION AWARD 2020
Gulf Times, 2020

GREEN ENTREPRENEURSHIP
Gulf Times Business, 2019

NOTABLE PROJECTS

FIFA CLUB 2020 & Amir Cup 2020
VVIP Food Packaging Supplier

Sustainability Partner
1st Recycling Program, Amir Cup 2020 with Qatar Ministry of Environment

Sustainable Community Partner 2019 & 2020
Tarsheed Kahramaa

Sustainable Lifestyle Sponsor
Qatar Sustainability Week 2019
QF-Qatar Green Building Council

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THE CHALLENGE

GLOBAL PLASTIC WASTE PROBLEM

Plastic was invented in the late 1800's. Since its invention, over 8 billion metric tons have been globally produced and more than 50% has been discarded or incinerated.

This number is constantly growing: over 322 million metric tons are produced each year, and 8 million metric tons end up in our oceans. This is threatening the health of the marine ecosystems and sea-life.

All plastic that is not properly disposed of is toxic in nature, not only at sea but on land. The invention of this class of materials was revolutionary and still today polymers are essential in many industries and goods. While researchers are constantly developing biodegradable polymers, what can be done to lessen the burden of oil-based plastics on the ecosystems?

Today plastic trash is one of the biggest resources available: plastic has huge possibilities and potentials if transformed .

We need to embrace the power of design and acknowledge the impact it can have. Ro Plastic Prize wishes to unite the design community in the challenge to use plastic waste before it reaches the waterways and to promote the next generation of design: plastic re-using, recycling and upcycling are the challenges that this prize wishes to bring to the global design community.

OUR GUILTLESS IDEA

1. BIOMIMICRY

WHEN DESIGN
MEETS SUSTAINABILITY.

Sustainable materials that are beautiful and functional.

Design inspired by NATURE.

2. CREATIVITY

TURN WASTES INTO THE NEXT GENERATION FURNITURE.

Our materials can be used with existing plastic converting machinery, enabling a practical and resource-efficient transition towards a cleaner future.

3.CIRCULARITY

REGENERATIVE &
CIRCULAR BY DESIGN.

Together with our social enterprise collaborators, our hospitality customers, partners, governments and other stakeholders we can conquer one of our generation's the most pressing environmental issues of our time – plastic waste – and support the transition towards a circular economy.

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OUR BIOMATERIALS

regenerative and circular by design

REIMAGINING AGRO, INDUSTRIAL & HOSPITALITY WASTES INTO BIOCOMPOSITES.

COCONUT SHELLS & HUSKS
SOURCE: PHILIPPINES, THAILAND, SRI LANKA, INDIA
FARMS, FOOD PROCESSING FACTORIES

RICE HULLS
SOURCE: PHILIPPINES, THAILAND, SRI LANKA, INDIA
FARMS, RICE MILLS

PISTASCHIO SHELLS
SOURCE: PAKISTAN, IRAN, USA, MIDDLE EAST
FARMS, FOOD PROCESSING, HOTELS, F&B

WOOD SAW DUST/PELLETS
SOURCE: PHILIPPINES AND MIDDLE EAST
FURNITURE FACTORIES, CONSTRUCTION SITES

atelier artea's vision is to create the world's greenest designs, finishes, furniture, artworks and objects.

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regenerative and circular by design.

GUILTLESS COLLECTION 2021

NATURALLY BEAUTIFUL.

COCONUT SHELLS & HUSKS
SOURCE: PHILIPPINES, THAILAND, SRI LANKA, INDIA
FARMS, FOOD PROCESSING FACTORIES

RICE HULLS
SOURCE: PHILIPPINES, THAILAND, SRI LANKA, INDIA
FARMS, RICE MILLS

PISTASCHIO SHELLS
SOURCE: PAKISTAN, IRAN, USA, MIDDLE EAST
FARMS, FOOD PROCESSING, HOTELS, F&B

WOOD SAW DUST/PELLETS
SOURCE: PHILIPPINES AND MIDDLE EAST
FURNITURE FACTORIES, CONSTRUCTION SITES

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artea biocomposite* SEATS

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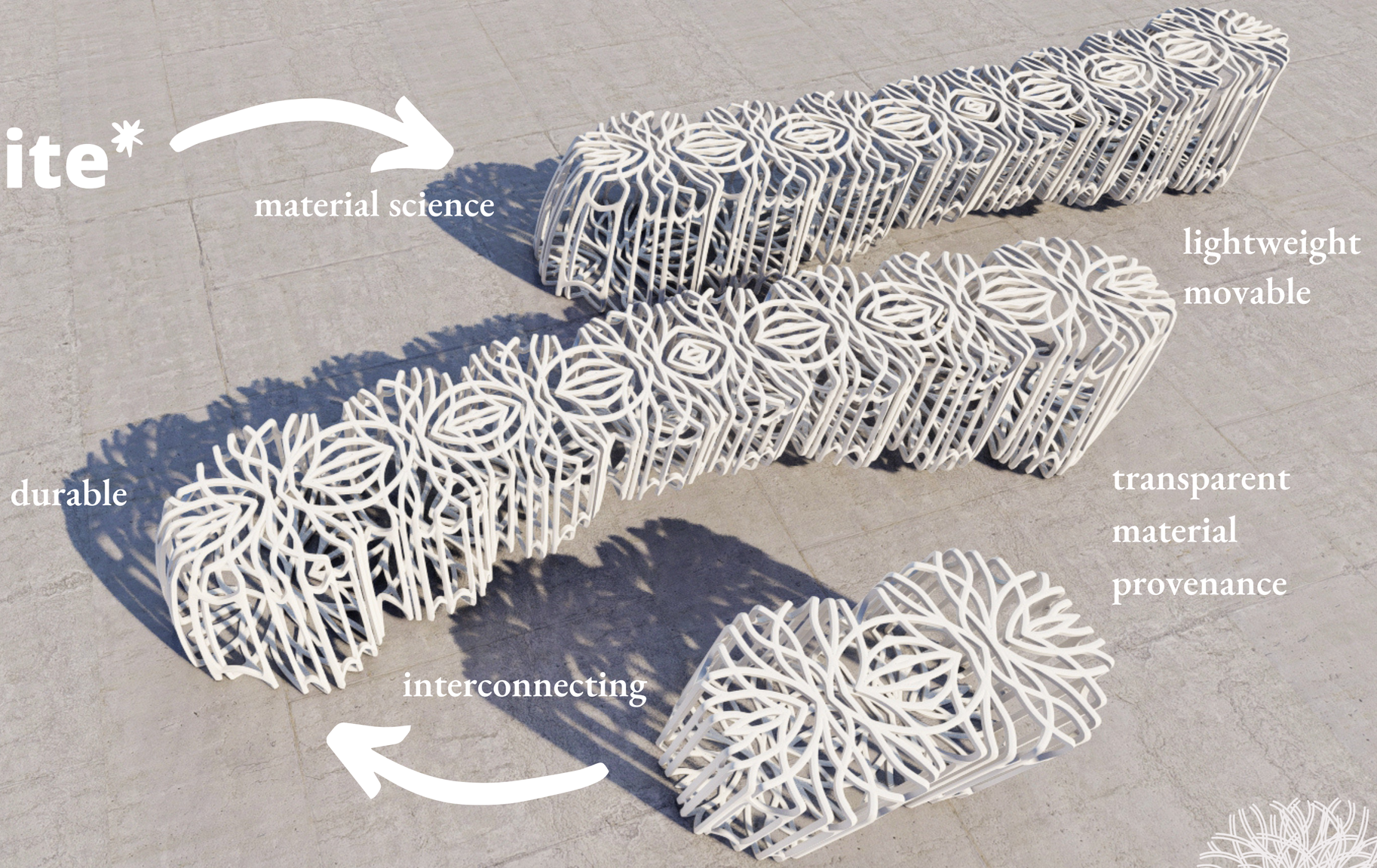

3D printed with FORUST

Forust is building a greener future through 3D printed wood.
Rematerializing wood waste to produce beautiful end-use products.

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SQUARECRAFT

artea bioPODS*

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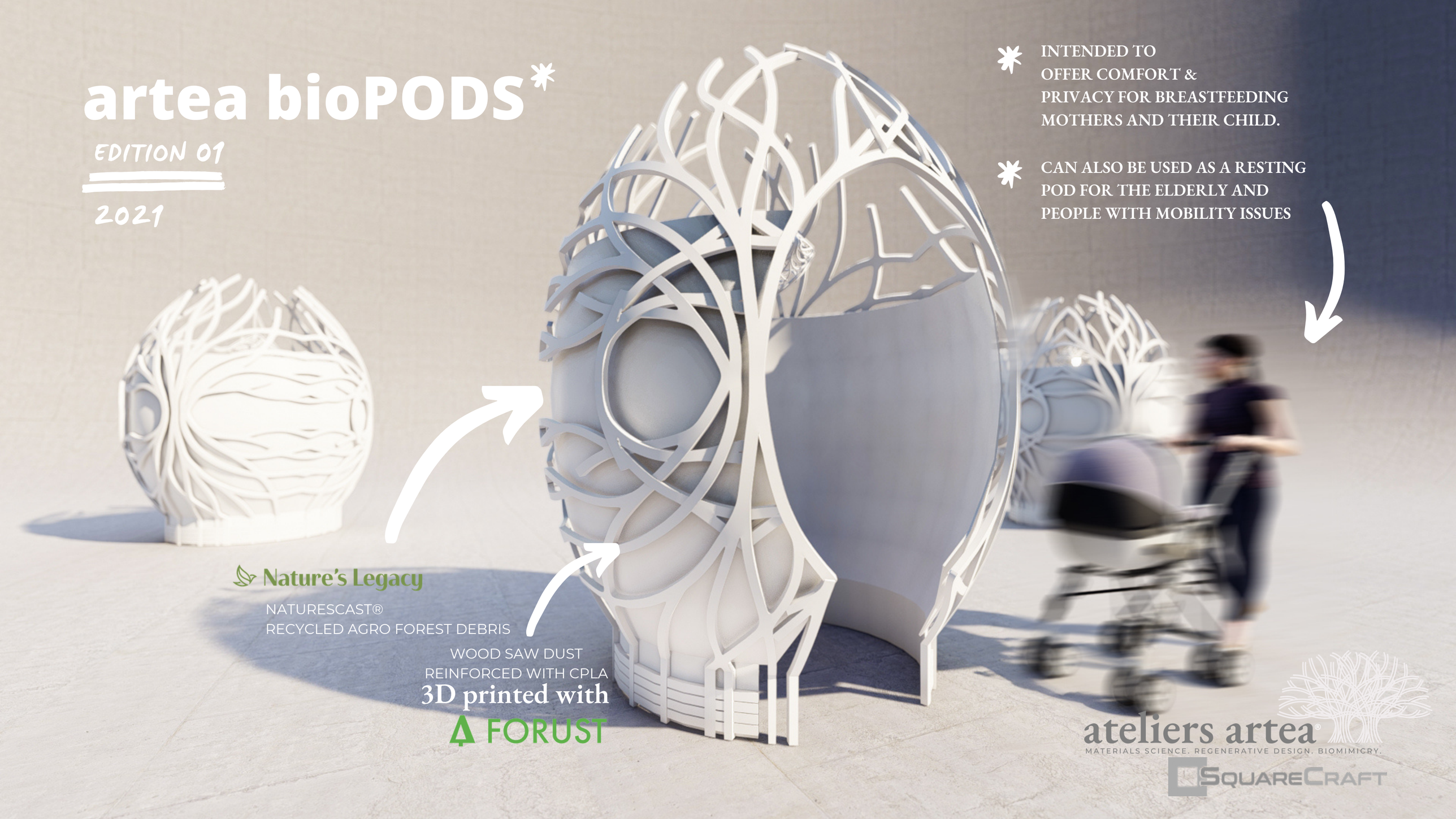

- INTENDED TO OFFER COMFORT & PRIVACY FOR BREASTFEEDING MOTHERS AND THEIR CHILD.
- CAN ALSO BE USED AS A RESTING POD FOR THE ELDERLY AND PEOPLE WITH MOBILITY ISSUES

Nature's Legacy

NATURESCAST®
RECYCLED AGRO FOREST DEBRIS

WOOD SAW DUST
REINFORCED WITH CPLA
3D printed with
FORUST

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SQUARECRAFT

artea AirCarbon CHAIR

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3D printed with AirCarbon NEWLIGHT

Nature has been keeping a secret from us: AirCarbon.

Most people didn't grow up learning about PHB,
but that might change.

It turns out PHB is made in almost all known life on earth.

We use natural ocean microorganisms to make PHB
from air and greenhouse gas and call it AirCarbon.

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SQUARECRAFT

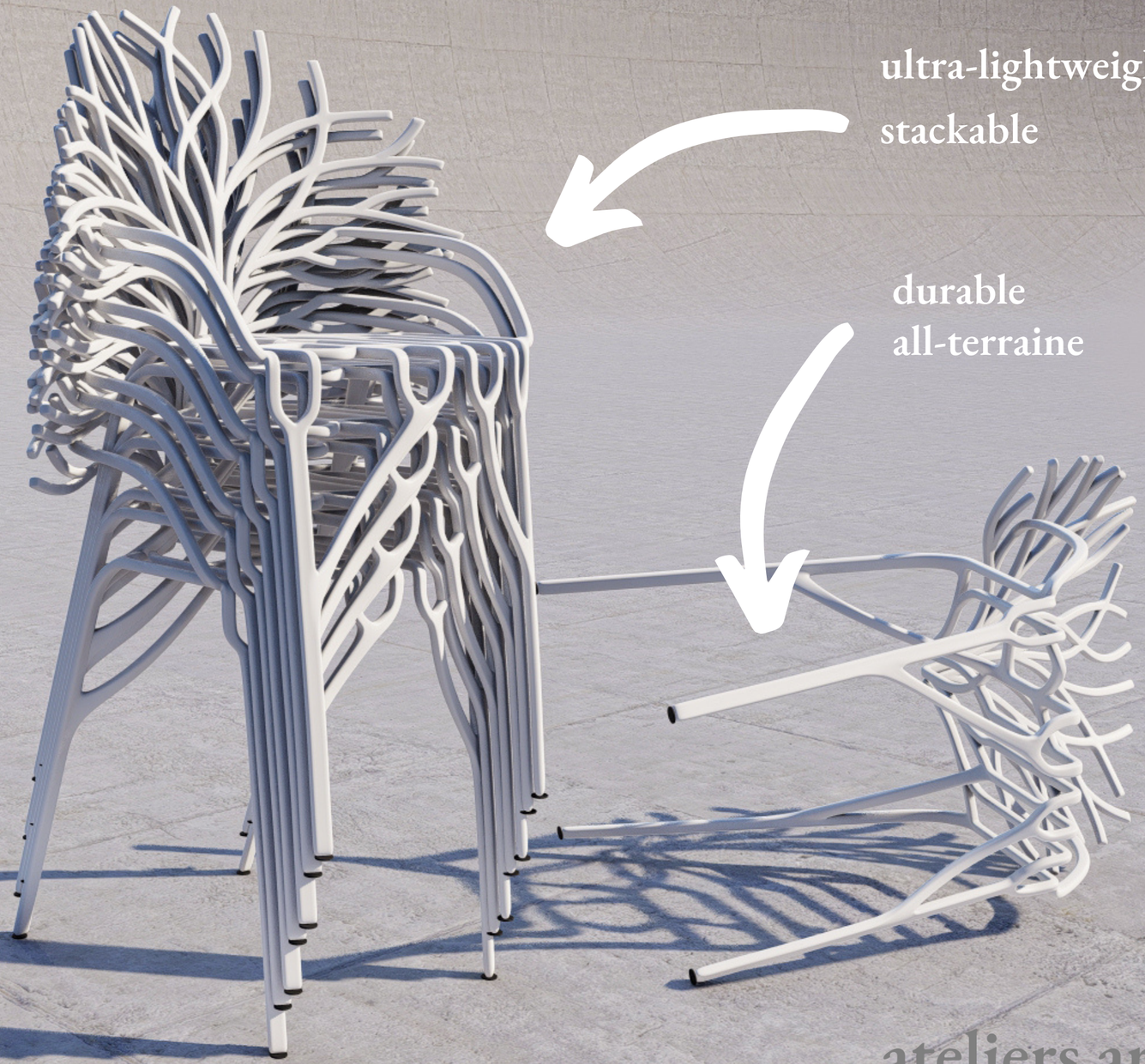
WHY AIRCARBON?

Synthetic plastic doesn't go away because it doesn't occur naturally in the environment.

AirCarbon is different.

Because AirCarbon is PHB and PHB is natural, nature knows what to do with it, and natural microorganisms can consume it as food for regrowth.

- NATURAL
- OCEAN-DEGRADABLE
- REGENERATIVE
- CARBON NEGATIVE



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COLLAB WITH US.

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AA
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WG
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