

# SULAPAC<sup>®</sup> CHALLENGES PLASTIC



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25/01/2019





# PLASTIC WASTE PROBLEM NEEDS NEW SOLUTIONS



OUR MISSION IS TO SAVE  
THE WORLD FROM  
PLASTIC WASTE







# SINGLE-USE PLASTICS: NEW EU RULES TO REDUCE MARINE LITTER

Brussels, 28 May 2018

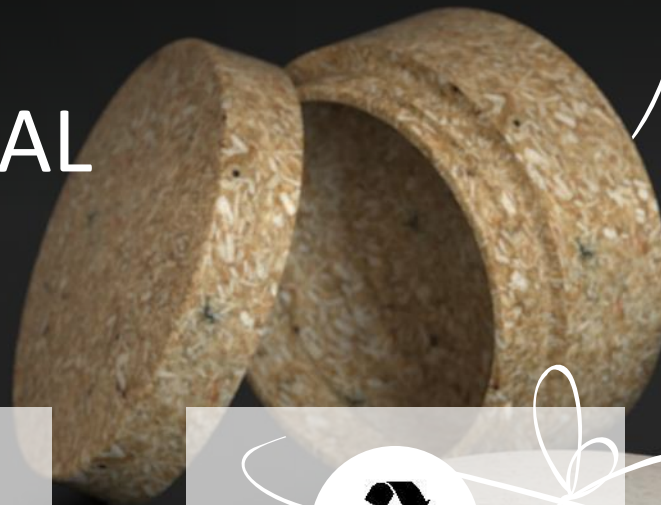
**Statement:** With the amount of harmful plastic litter in oceans and seas growing ever greater, the European Commission is proposing new EU-wide rules to target the 10 single-use plastic products most often found on Europe's beaches and seas, as well as lost and abandoned fishing gear.

**Plastic ban in certain products:** Where alternatives are readily available and affordable, single-use plastic products will be banned from the market. The ban will apply to **plastic cotton buds, cutlery, plates, straws, drink stirrers and sticks for balloons** which will all have to be made exclusively from more sustainable materials instead. Single-use drinks containers made with plastic will only be allowed on the market if their caps and lids remain attached.





# SULAPAC® – #1 SUSTAINABLE MATERIAL REPLACING PLASTIC



Fast  
biodegradation  
speed



0%  
Microplastics



Sustainable &  
recyclable  
raw materials



Excellent  
barrier  
properties

**WIRED**

Europe's 100 Hottest  
Startups 2018



LUXEPACK  
MONACO



**GCCA**  
GLOBAL CLEANTECH CLUSTER ASSOCIATION



ÖSTERSJÖPROJEKTET  
ITÄMERIPROJEKTI  
BALTICSEAPROJECT.ORG





# DESIGN & COLORS INSPIRED BY NORDIC NATURE



*First Snow*



*Warm Granite*



*Natural Wood*



*Wild Cloudberry*



*Hearty Pine*



*Sweet Blueberry*



*Blooming Blackberry*



*Summer Strawberry*

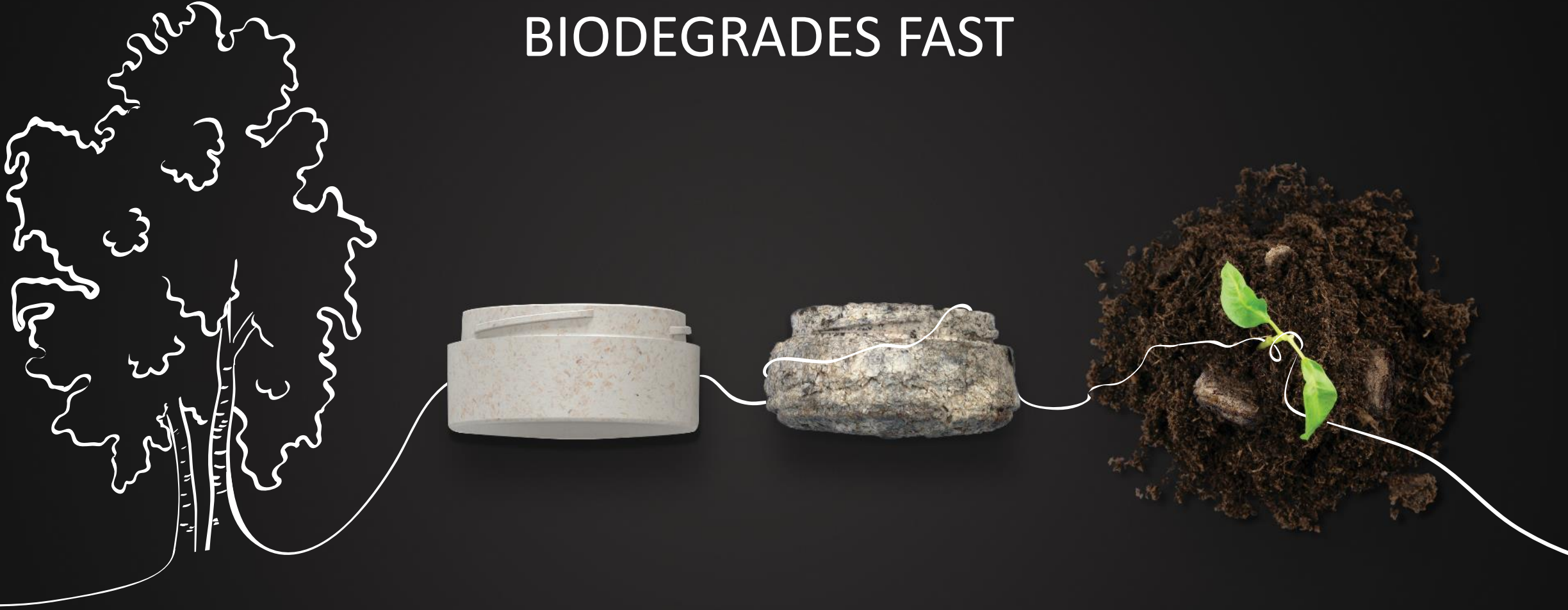


*Cherry Blossom*



# SULAPAC<sup>®</sup>

## BIODEGRADES FAST



Sulapac biodegrades in 21 days in industrial composting. Compostability according to ISO – 13432 standard.

# END-LIFE SCENARIOS WITH SULAPAC MATERIAL

## MISUSE



### SOIL

Biodegradable  
Soil Certificate

Q4/2019



### MARINE

Marine  
Certificate

Q4/2019



## GENERAL WASTE



### LANDFILL

In-house  
Testing

Q3/2019



### BURN

In-house  
Testing

Q1/2019

## BIOWASTE



### INDUSTRIAL COMPOSTING\*

Seedling  
Certificate

Q3/2019



### HOME COMPOSTING

Home Compost  
Certificate

Q3/2019



## FUTURE



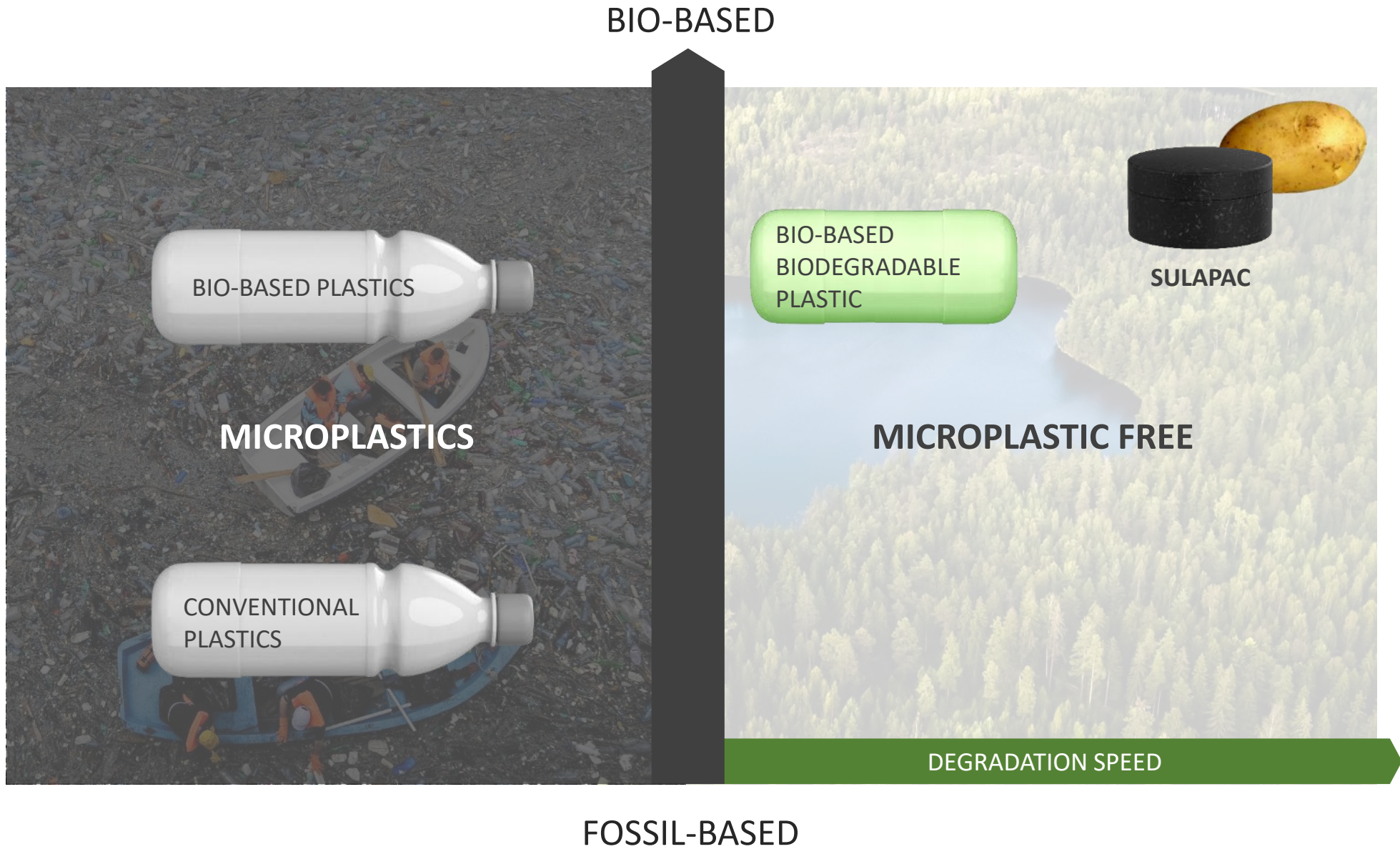
### BIOMETHANE PRODUCTION VIA BIOGASIFICATION\*\*

Qvidja  
in-house testing

Testing ongoing

\* Today's defined recycling streams with infrastructure in place \*\* Future recycling stream







# NEW MATERIAL DEFINITION

## MICROPLASTIC RELEASING MATERIALS

Can't be digested by micro-organisms.

Remain permanently in the nature for  
hundreds of years.

## MICROPLASTIC-FREE MATERIALS

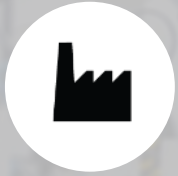
Materials that can be digested by  
naturally occurring micro-organisms.

Biodegrade in CO<sub>2</sub>, H<sub>2</sub>O and biomass.





# PRODUCTION WITH EXISTING PLASTIC MANUFACTURING MACHINERY



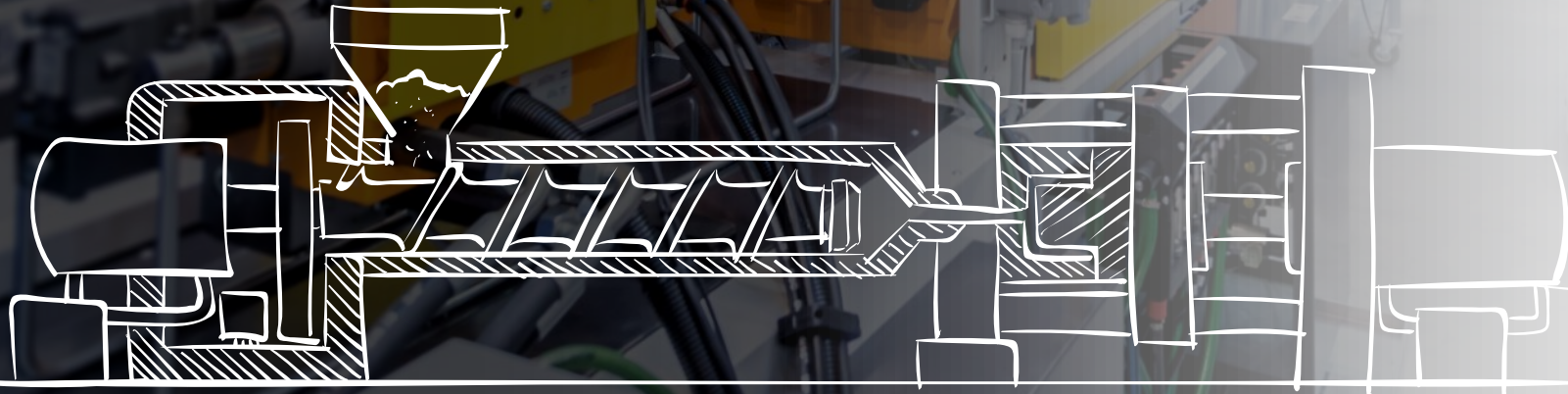
Easy mass-manufacturing



Custom design



Local material & production









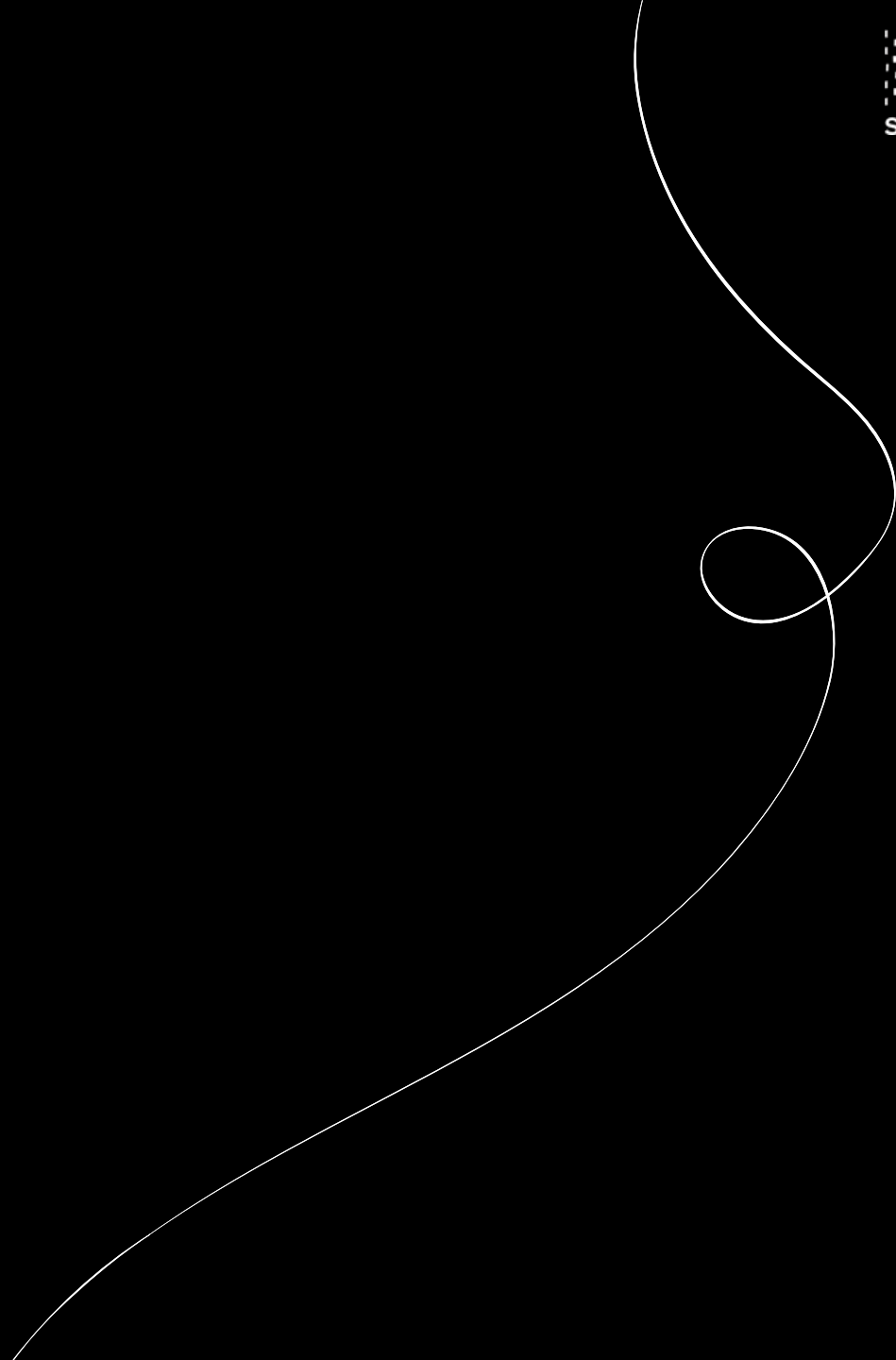
## A collection of various everyday objects made from cork and concrete, arranged on a dark background. The objects include a comb, a toothbrush, two pens, a knife, a phone case, a tray, a cup, a lid, a coaster, a container, and a box. The materials are used in different ways, such as cork being used for the handle of the comb and toothbrush, or the body of the cup and container, and concrete being used for the body of the comb and the base of the container.



# THE FIRST LICENSING CUSTOMER











# THE OCEAN FRIENDLY STRAW

AVAILABLE IN Q2/2019



# OUR HERITAGE

“The choices we make today are our heritage for our children to live in a clean, sustainable world of tomorrow “





