



S4S Circular Challenge 2020

ECOR

Enabling co-Creation co-Operation co-Responsibility

An introduction by Giulia Viero – CE Project Specialist

*The ECOR Circular Challenge by Ricardo Weigend – CE Business
Developer, Ph.D. candidate*





ON A JOURNEY TOWARD CIRCULARITY

- WE NEED A NEW SYSTEM
- ECOR TECHNOLOGY
- ECOR COMMUNITIES
- THE ECOR CIRCULAR CHALLENGE
- THE ECOR PRODUCT ON TODAY'S SPOTLIGHT



WE NEED A NEW SYSTEM

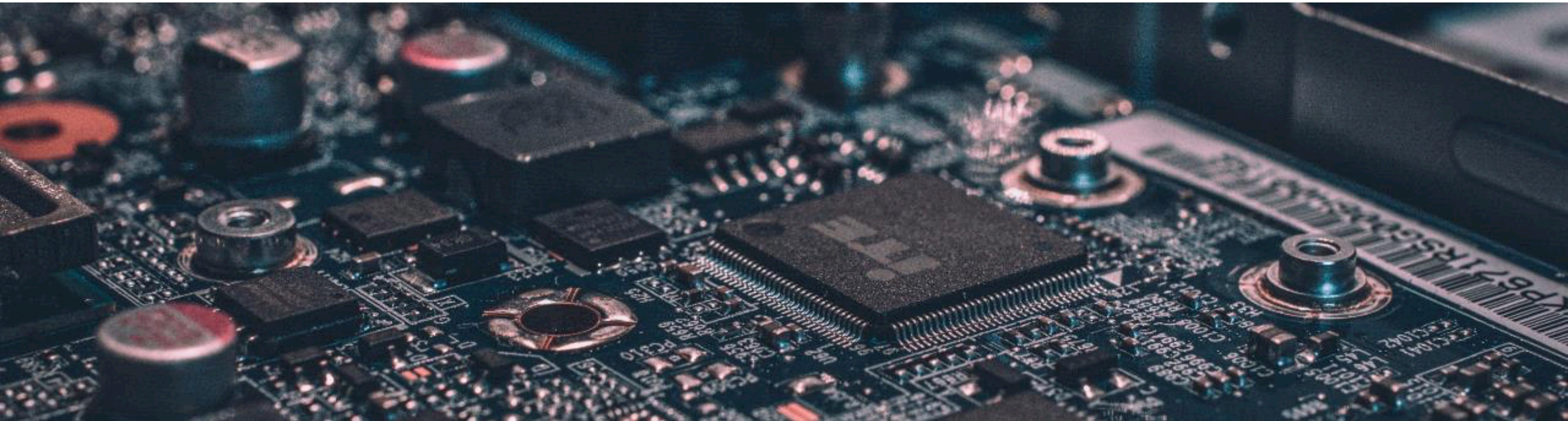


HOW NATURE DOES IT





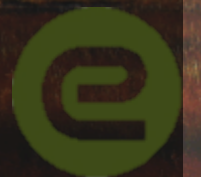
ECOR TECHNOLOGY





ECOR TECHNOLOGY

- 100% CELLULOSE FIBERS
- WATER, PRESSURE, HEAT
- AGRICULTURAL, PROCESS AND URBAN FIBERS



ENDLESS RAW MATERIAL FLOWS



ECOR TECHNOLOGY

LICENSED MARKS



Cradle to Cradle Certified™ Silver

THE LICENSED MARKS IDENTIFIED ABOVE MAY BE LICENSED TO:

Noble Environmental Technologies

Generation

FOR THE BELOW LISTED CERTIFIED PRODUCTS ASSOCIATED WITH THE NAME

ECOR

- **±10 KGS UPCYCLING PER PANEL**

- **95% WATER RECOVERY**

- **NON TOXIC (FREE FROM FORMALDEHYDES, VOC'S, (P)MDI)**

- **RENEWABLE ENERGY**

Only the following products are considered Certified Product(s) within the scope of this certification and the associated Trademark License Agreement

ECOR - FlatCOR - ECOR Brown
HoleCOR - ECOR Brown
WavCOR - ECOR Brown (100% OCC)
ECOR - FlatCOR RL WHITE

Cradle to Cradle Certified™ Product Standard

START DATE

12 April 2018

CERTIFICATION #

3486

EXPIRATION DATE

14 October 2020

LEAD ASSESSMENT BODY:
Eco Intelligent Growth

MATERIAL HEALTH ASSESSMENT BODY:
MED-C

Certified under Version 3.1 of the Cradle to Cradle Certified™ Product Standard
Use of Licensed Marks is subject to terms and conditions of the C2CPI Trademark License Agreement and Trademark Use Guidelines.
Cradle to Cradle Certified™ is a registered trademark of the Cradle to Cradle Products Innovation Institute

*When technology unlocks potential, great ideas
come to live*





ECOR COMMUNITIES



COMMUNITY OF MAKERS

- OCONY
- FURNITURE DESIGNER
- THE PAPER COLLECTION
- CIRCULAR, BIOPHILIC AND LOCAL MANUFACTURING



COMMUNITY OF MAKERS

- MALOU TER HORST
- INTERIOR AND FLOORING DESIGN
- CIRCULAR MATERIALS



COMMUNITY OF MAKERS

- PIONEERING TECHNOLOGIES AND DESIGN
- LASERCUTTING, PRINTING, COATING, BENDING AND LAMINTING
- DEVELOPING BRILLIANT NEW ECOR APPLICATIONS AND PRODUCTS



VAN DRENTH
BUIGHOUT

copyright



graphenstone
nanotechnology coatings

cas

EXHIBITION PARTNERS



Kees from Holland
Laser & Handcraft



• LASERCUTTING, PRINTING, COATING, BENDING AND LAMINTING

Brünken

Timmerwerken B.V.

Deuren - Kozijnen
Trappen - Interieur

i-did



escato



EL



ZWARTWOUD+



THE ECOR CIRCULAR CHALLENGE



WHAT ARE WE TALKING ABOUT?



Video “Medoola | ECOR S4S CC 2020”: <https://youtu.be/9hrpGzycn0Q>

FROM WASTE TO VALUE



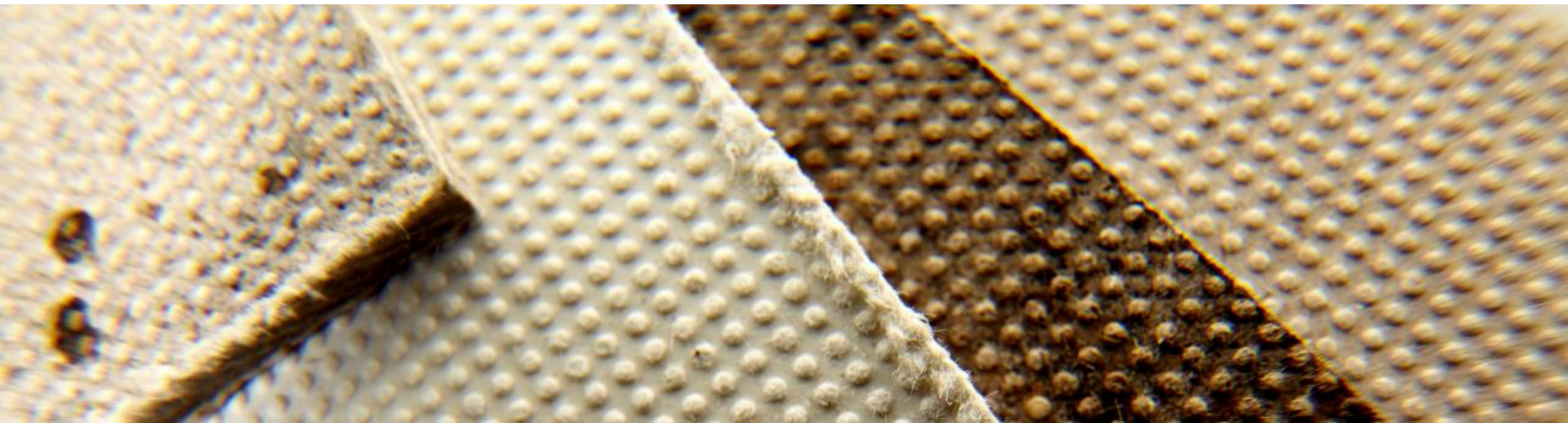
WHO DOESN'T LIKE CHOCOLATE? ... WITH A CIRCULAR TWIST

Standard
ECOR panel
with 25%
cocoa husk
in our ECOR
R&D Centre
– Venlo, the
Netherlands





THE ECOR PRODUCT ON TODAY'S SPOTLIGHT



ECOR PRODUCTS – SIGNS & DISPLAYS

- CLIENT MONDELEZ
- PANELS MADE BY ECOR
- POS MADE BY MEDOOLA
- ALL GRAPHICS PRINTED ON ECOR



THE PROPOSED CE MODEL



POSITIVE IMPACT

SUSTAINABLE DEVELOPMENT GOALS



ECOR TAKEAWAYS FOR THE S4S CC

1. DEFINE YOUR CIRCULAR SCOPE
2. CONSIDER SOCIO-ECONOMIC-ENVIRONMENTAL DIMENSIONS
3. BE CREATIVE





ECOR, ENABLING YOUR CIRCULAR AMBITIONS

Thank You!

