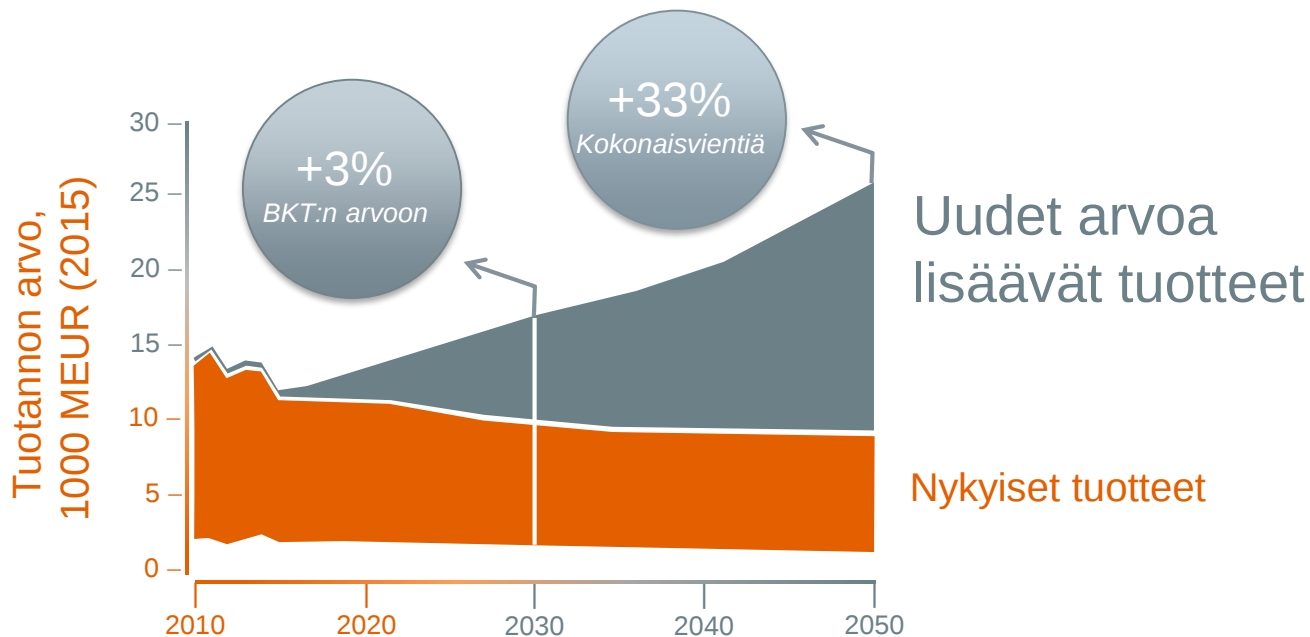


Tulevaisuuden kuitutuotteet

Alina Ruonala-Lindgren, Co-creation Manager
@AlinaRuonala
10.6.2019

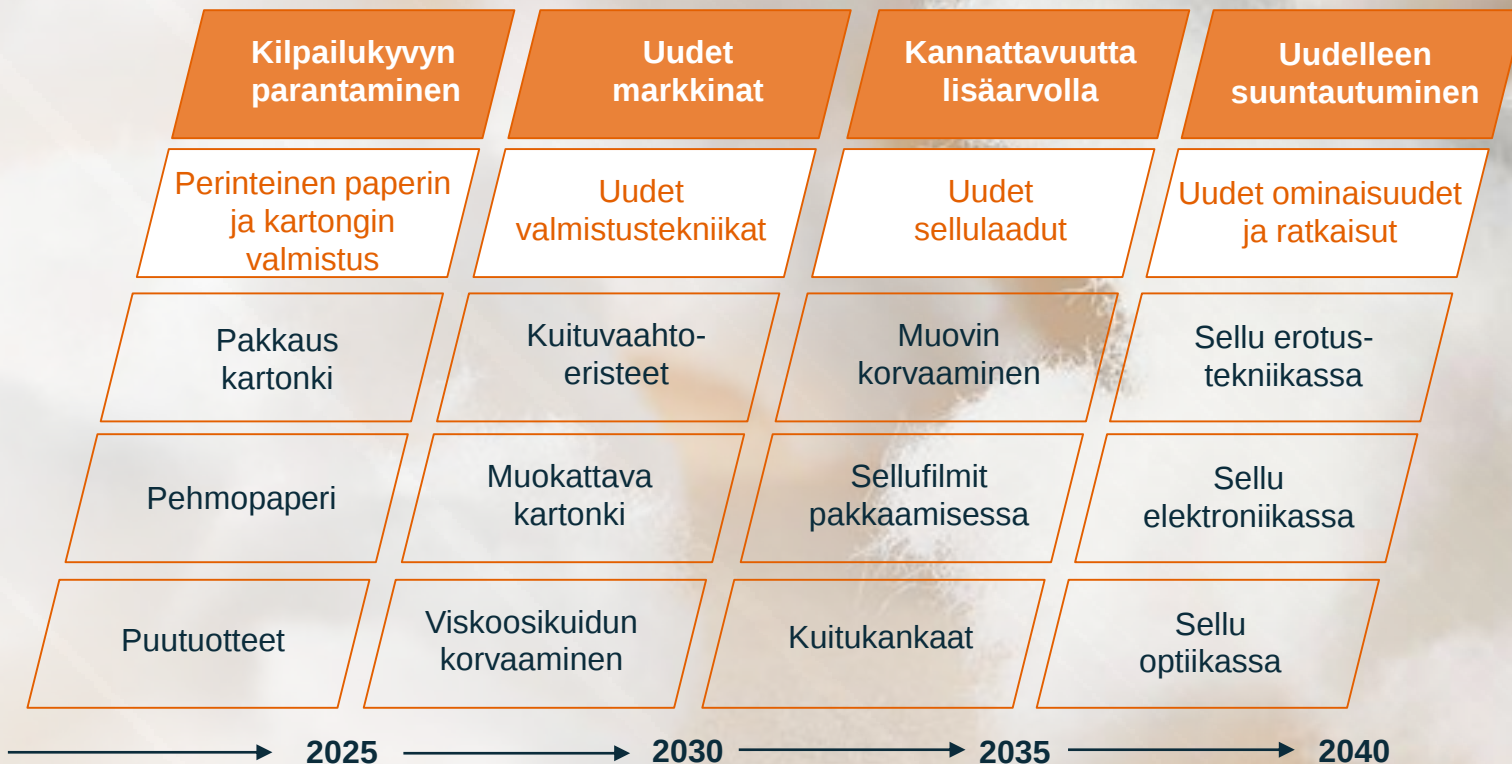
07/06/2019 VTT – beyond the obvious

Suomen metsäsektorin tuotannon arvo voidaan kaksinkertaistaa vuoteen 2050 mennessä

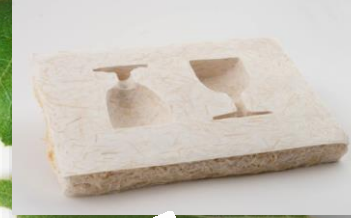


Lähde: Arasto, Antti; Koljonen, Tiina; Similä Lassi (eds.). 2018. Wealth from bioeconomy - Integrated bioeconomy and low carbon economy futures for Finland, VTT Technical Research Centre of Finland Ltd.

Sellutuotetarjonnan kehitys vuoteen 2040 – tutkimuksella, kehityksellä ja innovoinnilla täysin uusia sovellusalueita



Vaahtomaiset rakenteet eristykseen, rakentamiseen ja pakkaamiseen



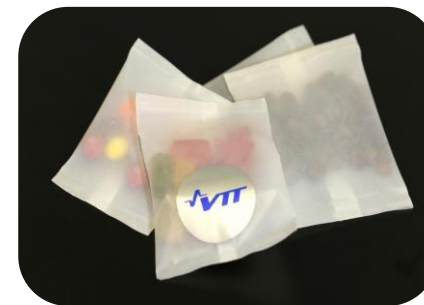
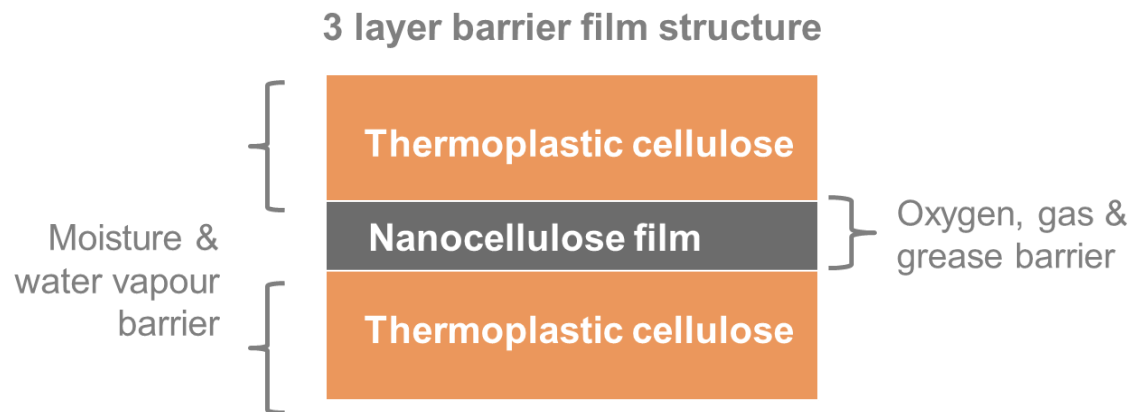
100%
BIO-BASED
RECYCLABLE COMPOSTABLE



Construction materials

All demonstrations made from natural fibres @ VTT

VTT Thermocell



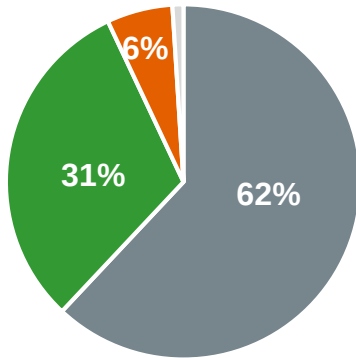
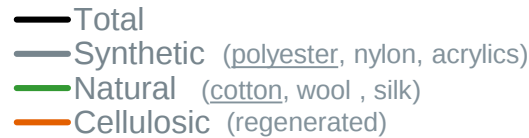
Circular Materials Challenge 2018 Award, Ellen MacArthur Foundation

&

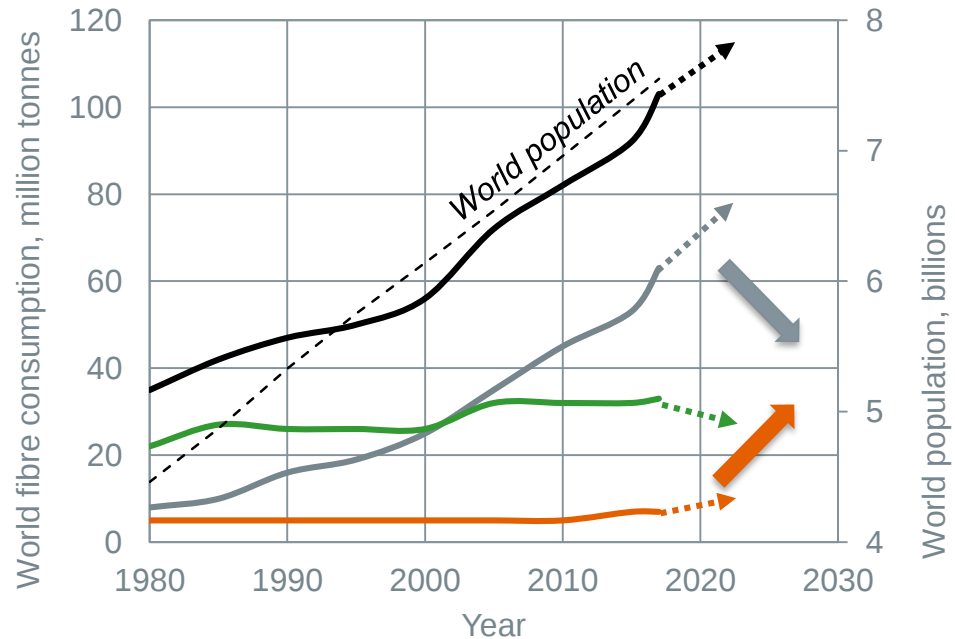
Ecopack Challenge 2018 Award, Packaging Innovations in assoc. with Marks&Spencer

& **Finalist for Sustainability Awards 2018**, Packaging Europe

Globaali tekstiilikuitujen kulutus on kasvussa

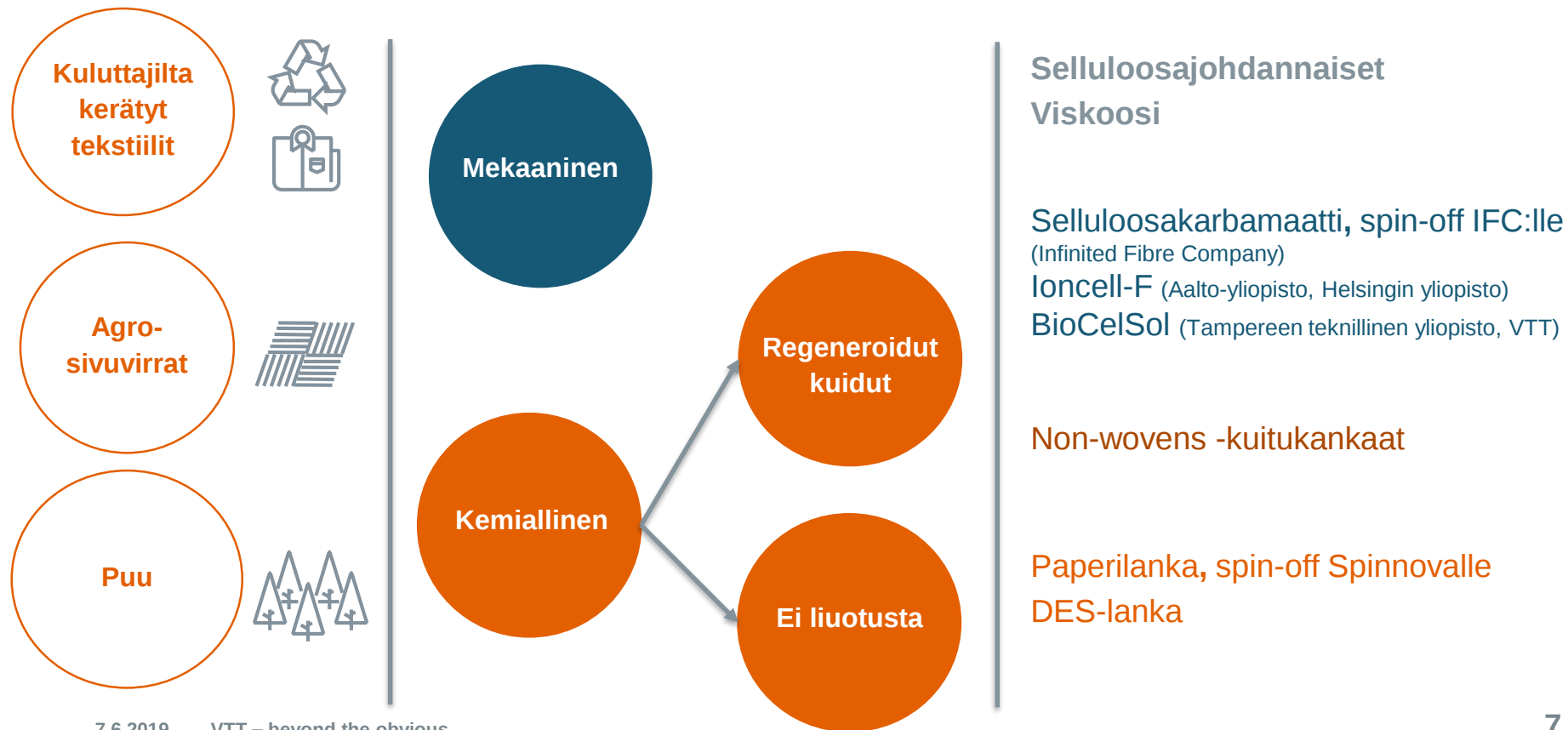


World fibre market 2017



Figures illustrated based on data from *The Fiber Year 2018* and www.worldometers.info.

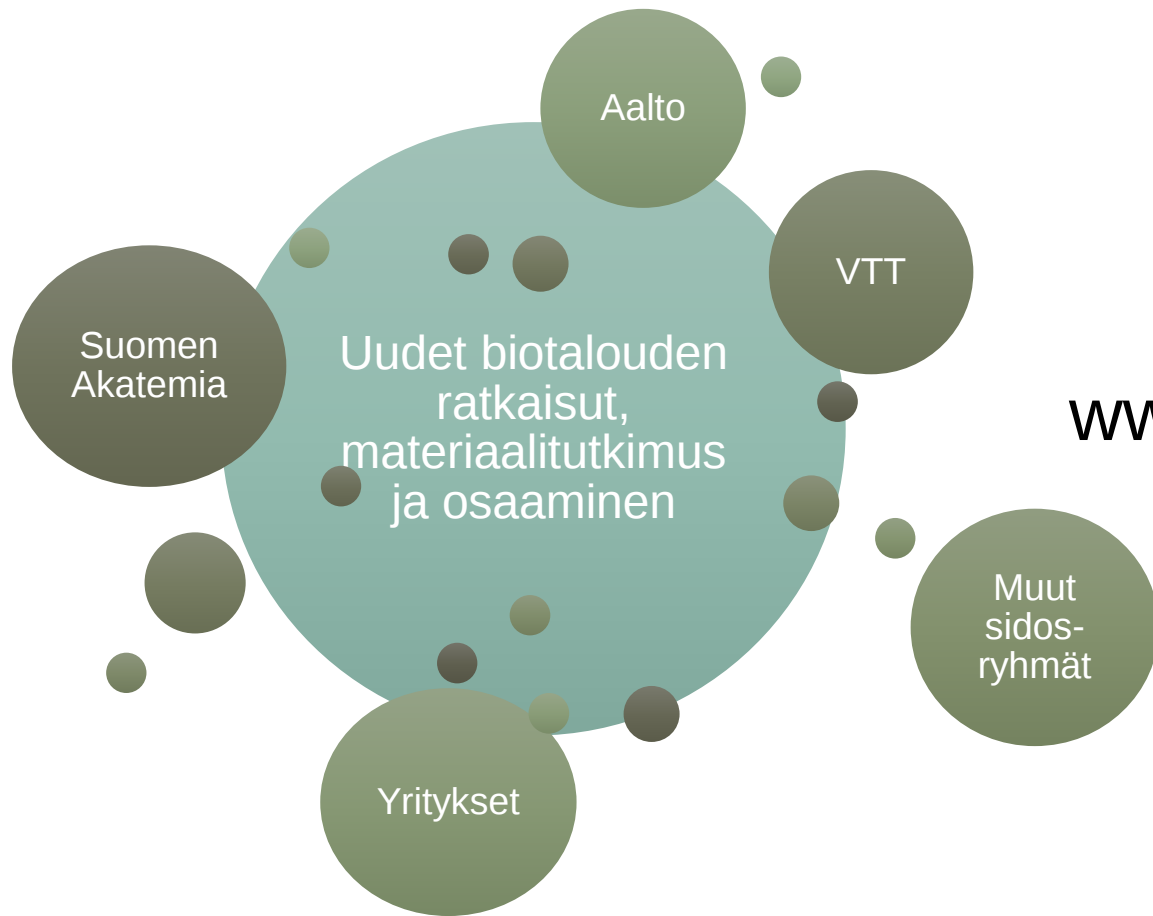
Tekstiilikuitututkimus VTT:llä



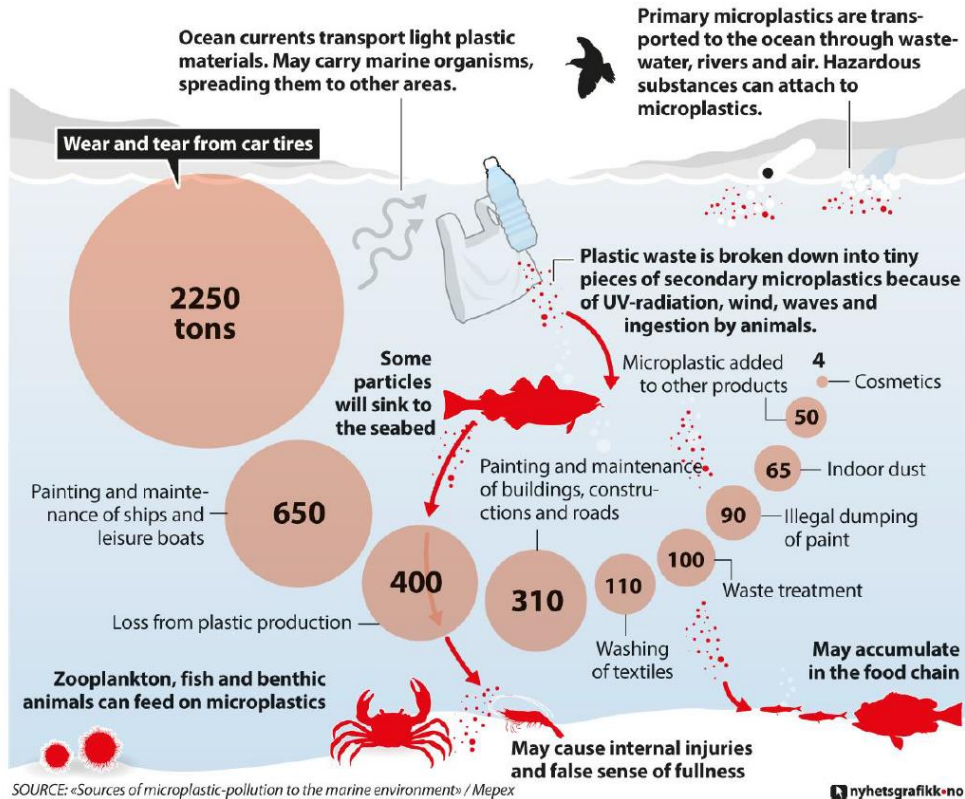
FinnCERES-lippulaiva

Osaamiskeskittymä biotalouden tulevaisuuden ratkaisuihin
ja materiaalitutkimukseen

FinnCERES-innovaatioekosysteemi



Tervetuloa!
www.finnceres.fi



bey⁰nd the obvious

Alina Ruonala-Lindgren, Co-creation Manager
alina.ruonala-lindgren@vtt.fi

@AlinaRuonala

www.vtt.fi