

Environment Friendly

Hand in Hand
with Nature

BIO EPDM
+ BIO PE

by **KÖPP** 
experts in foam



KOEPPCELL®

With the new Bio PE, KÖPP is paving the way in sustainable industrial production to produce semi-finished products.

Previously at FoamExpo 2021, KÖPP introduced a cellular EPDM rubber that is 80 % from renewable raw materials and ISCC certified. Instead of petroleum, largely natural renewable raw materials and organic oils are used without any loss in terms of mechanical characteristics!

Now - 2022 - it's time for the new Bio PE foam.



HOW OUR EPDM BECOMES GREEN

- The elastomer used is sustainably produced (ISCC certificate)
- Substitution of the plasticizer by renewable raw materials (without palm oil)
- Conversion of the filler system to sustainable raw materials

HOW OUR PE BECOMES GREEN

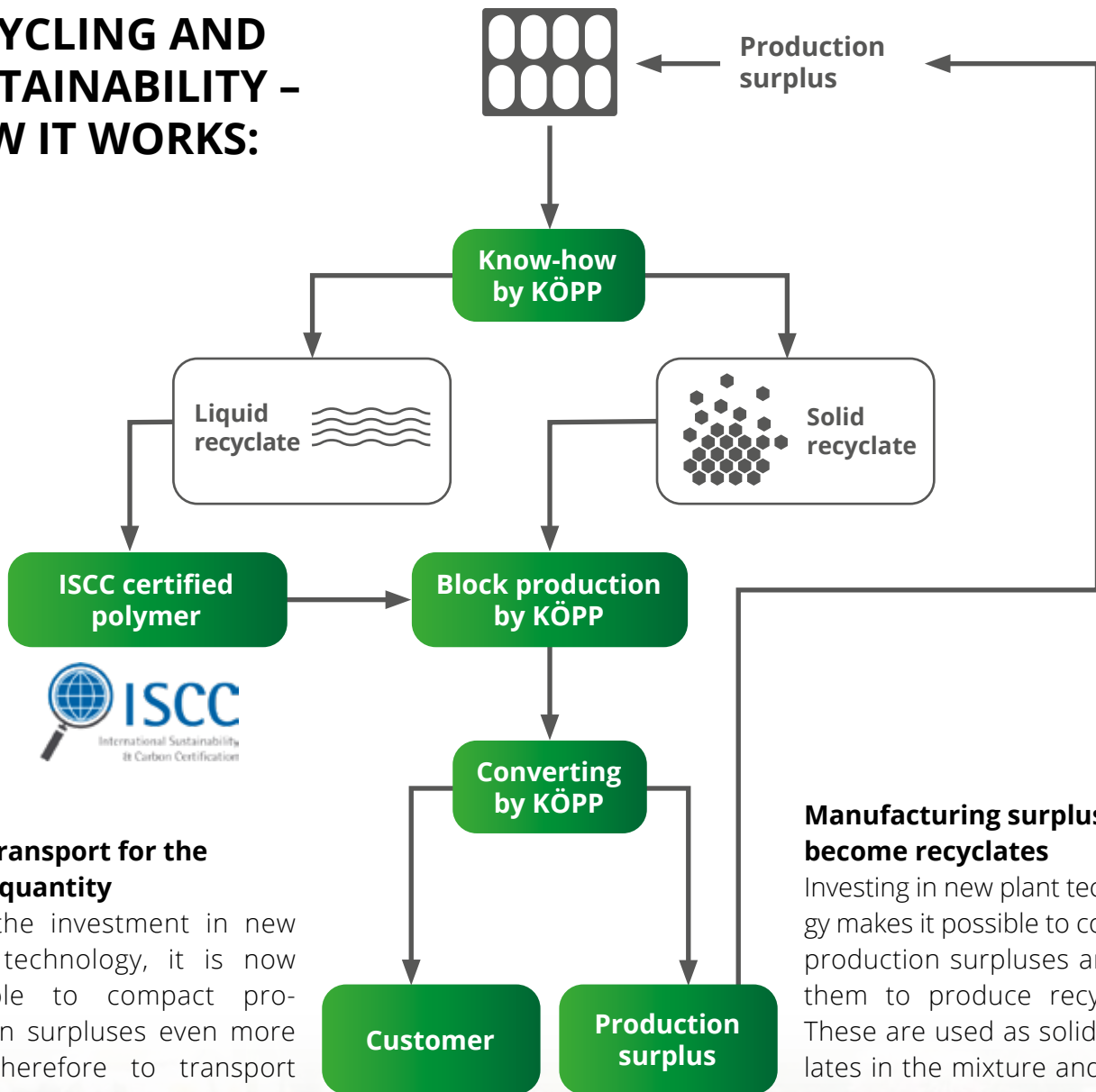
- The polymer, that makes up 75 % of the formulation, is sustainably produced and ISCC certified
- The PE contains no fillers or emollients (oils)

Future developments: Substitution of conventional carbon black with sustainable solutions or variants in which the carbon black is produced from a renewable source

CELLULAR RUBBER + CELLULAR POLYETHYLENE - STATE OF THE ART!



RECYCLING AND SUSTAINABILITY – HOW IT WORKS:



Less transport for the same quantity

With the investment in new plant technology, it is now possible to compact production surpluses even more and therefore to transport them more economically and ecologically.

Manufacturing surpluses become recyclates

Investing in new plant technology makes it possible to compact production surpluses and use them to produce recyclates. These are used as solid recyclates in the mixture and liquid recyclates as oil. The circuit is therefore 100 % closed.

