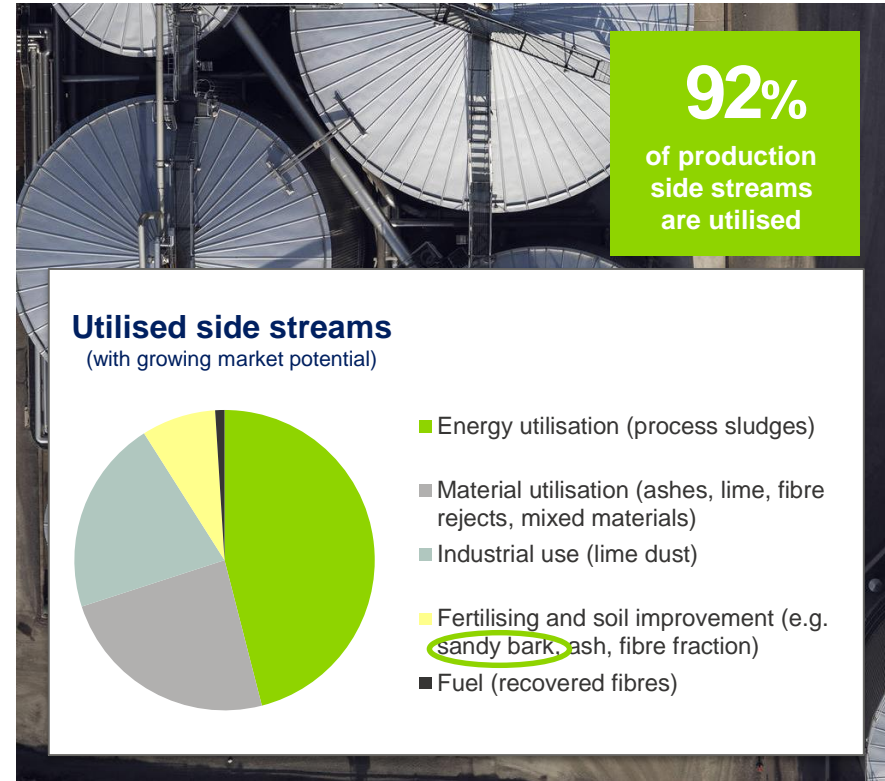


Preserving the value of raw materials

- Utilising production side streams is circular economy at its best
- The best way to create value-adding business ecosystems supporting circular economy is to seek cross-industrial cooperation
- Partnership with Biolan and Metsä Group helps to convert industrial side streams into value-adding bioproducts
 - Biolan processes sandy bark from Metsä Group's mill in Rauma into growth media and fertilizers



Adding value to industrial side streams

- Production of growth media products > 200 000 m³ / year
- Using > 100 000 m³ of agricultural and industry side streams / year
- NSP-pulp project: partnership with paper and pulp industry to process their side streams into valuable growth media components



BIOLAN



HELSINKI
11-13 June
2018



European
Sustainable
Phosphorus
Conference

Results of the partnership with Metsä Group

- New side streams tested and used as raw materials
- Logistic solutions created
- Reliable and robust processing methods tested and used
- New product recipes, improved quality of products

