

SZEPANIAK OY

Reliable Partner of Forest and Energy Industry

> 6.2.2020 Karoliina Szepaniak Development Manager



Finnish family business

Szepaniak is over 50 years old, family-owned company based in Imatra, South Carelia, Finland

Our company is the pioneer of mobile chipping in Finland

Our principle is to offer *solutions* and the *best service* in the market



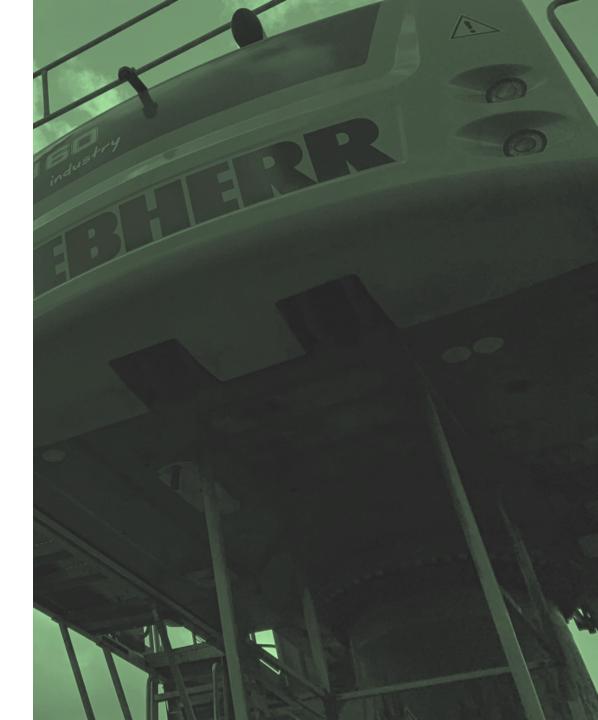
10.2.2020 www.szepaniak.fi

reliable

PARTNER

Our company is entitled to ISO 9001:2015 quality and ISO 14001:2015 environment certificates as well as OHSAS 18001:2007 occupational health and safety certificates. We also hold TraFicom's safety certificate for railway operators

We can be found in tilaajavastuu.fi service which is a register for information stipulated in contractor's obligations act. We are committed to PEFC forest certification and we also fulfill forest industry's general requirements for contractors















Finnish

LOGISTICS

4 seasons bring challenges into trucking

Truck+trailer combinations are 76tn/200m3, (with special permission over 100tn)

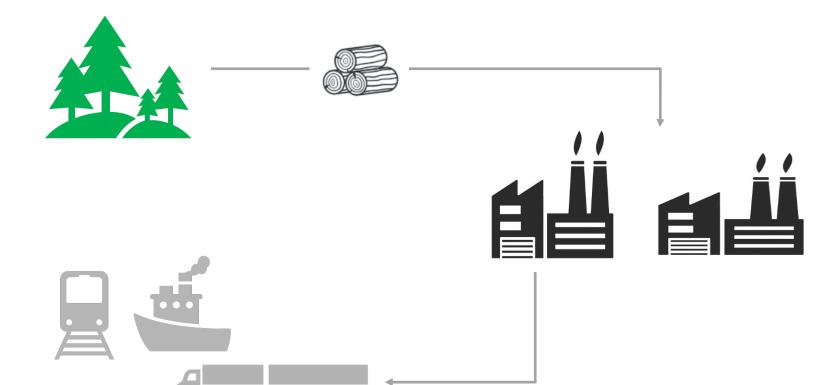
Emission goals lengthen the distances of bio energy transports



sourcing of

BIOENERGY

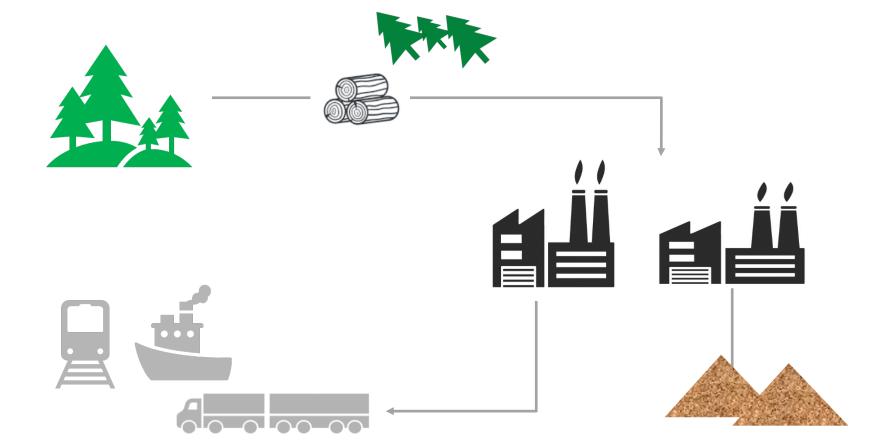




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BIOENERGY

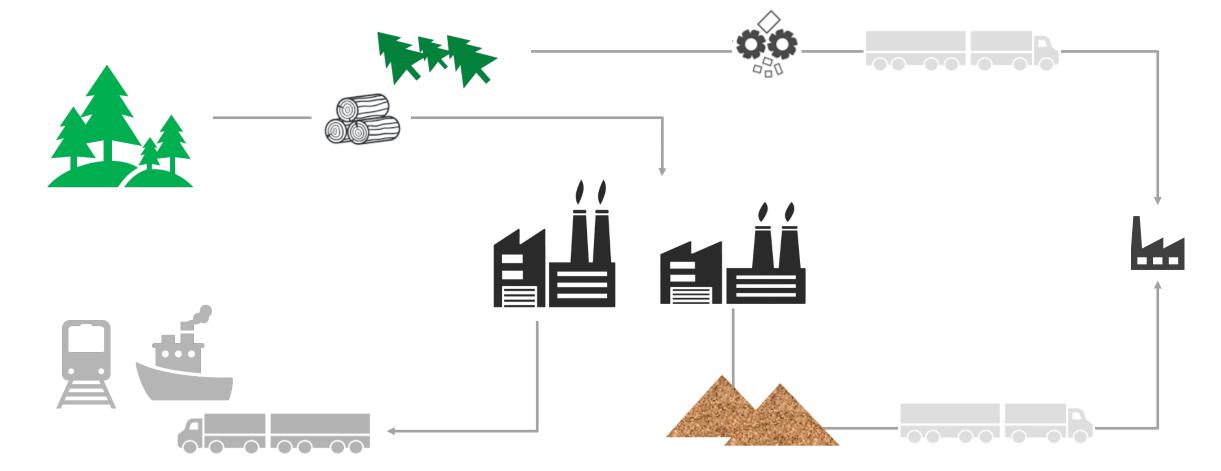




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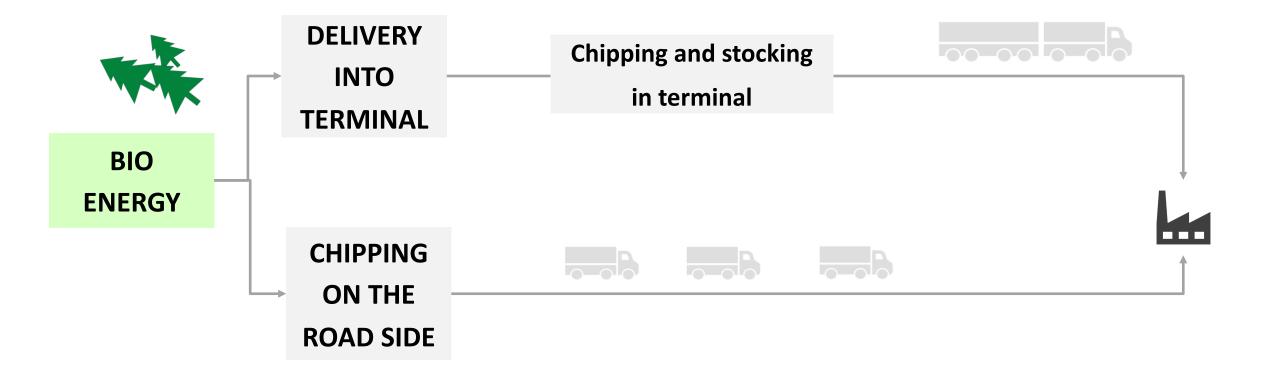




most efficient

SOLUTION





most efficient

SOLUTION





BIO ENERGY DELIVERY INTO TERMINAL

Chipping and stocking in terminal

Why is this the most efficient solution?

- Terminal is a buffer -> Reliable, flexible delivery into the plant. Terminals are rather close to the plant so volume is easily adjustable
- Big volumes are not possible to be delivered straight from the woods because of weather conditions, it would also cause a use of gas/peat/oil when the weather is cold
- Chipping is more efficient in a terminal than on the roadside
- Less impurities (gravel etc), less problems at the plant
- Possibility to enhance the quality (covering the stacks)





Finnish

LOGISTICS

Key factors:

Most suitable fleet for each occasion

Modern fleet -> high safety, low emissions,

few maintenance days

High usage rate of fleet (thanks to buffers)

Focus on fast loading and unloading ->

efficient working hours



