

November 21 2024, Budapest



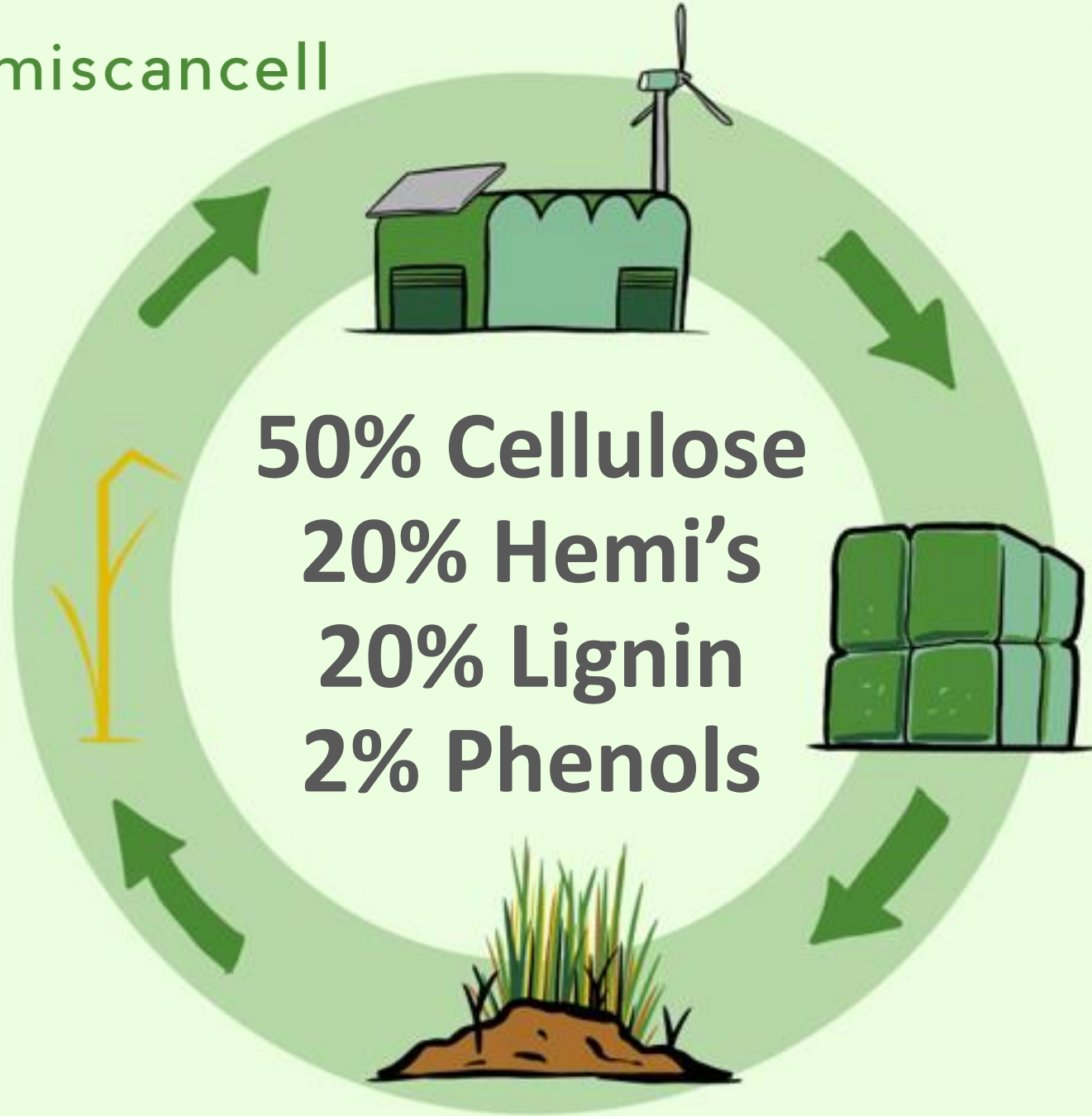
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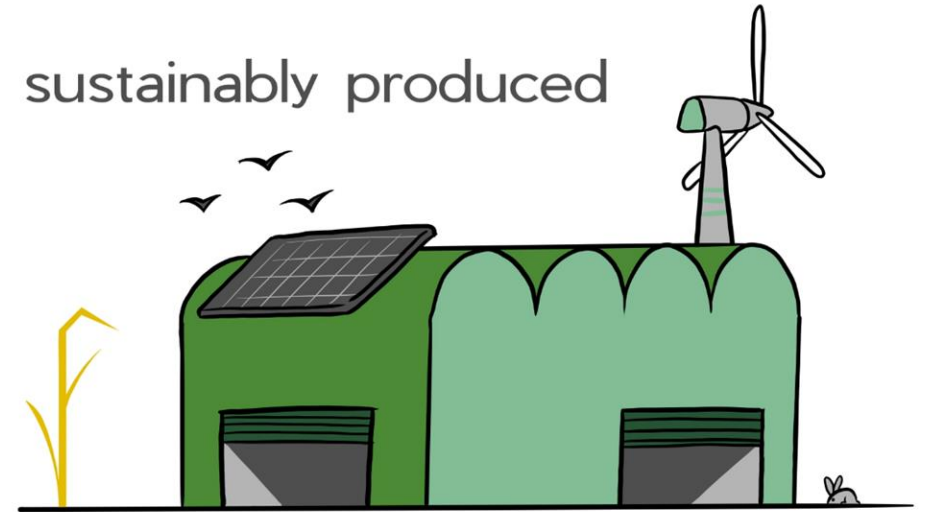
**CIRCULAR ECONOMY
SUMMIT**



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All sustainably produced



55% Pulp



20% Lignin





Project:
Intersection and arterial
roads with heavy traffic

Square metres:
30,500 m²

Volume:
2,650 tons

Mix:
SMA



- First project in 2018
- 40+ projects since 2018
- Validated quality and lifespan
- Project -> 4.000 tons asphalt
- Applied in AC, AC-surf, SMA
- Replacing up to 50% bitumen
- Storing large amounts of CO₂

The connecting road network needed to be resurfaced and repaired. The mix design was based on a Stone Mastic Asphalt mix, with 30% lignin content delivering substantial benefits:



ENHANCED PERFORMANCE



**IMPROVED RUTTING
AND CRACKING RESISTANCE**



**BIO-BASED, LOWER CARBON
FOOTPRINT**



A specific mix design was commissioned for this project, a SMA mix with lignin (30% replacement).



NABI, NATURAL ASPHALT BINDER



Properties



Usability



Benefits

Also available for private label

Short delivery times

Scalable supply chain

Applied in AC, AC-surf, SMA

Replacing up to 50% bitumen

Storing large amounts of CO₂

Validated quality and lifespan



More information can be found on our website:

www.biomaterialscentre.com





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Thank you for your attention

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