Rece greens entire supply chains

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Global demand for carbon increases while need for sustainability and accountability is high

Global Carbon Demand for Chemicals and Derived Materials

in 2020 and Scenario for 2050 (in million tonnes of embedded carbon)





Challenges drive opportunities





New green materials from cellulosic waste

Recell Chem[®] solution



Recell®



50 KTA (ambition 2025) Cellulosic waste source



High yield 3G glucose – DE95



Negative CO₂ footprint

Glucose-intermediate to production

- Biobased polymers: PHA, PLA, PE
- FDCA / PEF
- Bio-Ethanol
- Mono-Ethylene Glycol (MEG)
- Fermentation based products







Cellulosic waste as a feedstock

Tertiary cellulose as a source



Tertiary cellulose benefits

- Accessible resource
- Year-round stability
- Ethics no food competition
- Low environmental impact





Recell Chem® technology covers an increasing range of tertiary cellulosic feedstocks



Conversion rates are maximized in the process while preserving high **glucose quality**.

56 cellulosic waste streams have been tested on lab & pilot scale.

Recell Chem[®] process

Recell Chem® process



Recell Chem[®] cellulosic glucose answers the need for new resources, circular and sustainable

WHY NOW



RESOURCE Increasing demand of new resources.



COSTS Increasing logistics costs and waste discharges.



DEFOSSILIZATION Public pressure & supporting policies (Green Deal). Need to decrease **carbon footprint**.



ENVIRONMENTAL

Need for sustainable and circular solutions.

WHY RECELL CHEM®

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QUALITY Recell Chem glucose reaches high drop-in quality



AVAILABILY & OFF-TAKE Continuous and stable capacity.



ENVIRONMENAL IMPACT 100% Renewable and 100% biogenic (C14) No food competition.



Recell Chem® demo plant – TRL 6/7

100 - 1,000 ton/yr capacity







- Recell's development well on track
 Collaborate in consortium
- Momentum is now

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