European Business & Nature Summit



Building actions for nature & people

10:40 - 11:00: Coffee & networking

#EUbiodiversity #BusinessNatureSummit

Madrid, 7 & 8 November 2019



Funders













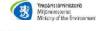




























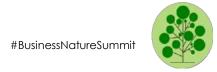




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GS10 – Linking the biodiversity and circular economy agendas

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Sustainable solutions for a circular bioeconomy

Andrea Weigel Corporate Sustainability Manager, Clariant







Clariant at a glance

FACTS AND FIGURES

4 404

Sales 2018 (CHF m) from continuing operations 17 901

Employees 2018 (including discontinuing operations)

Operating globally in

53

countries

Business Areas Care Chemicals Catalysis Natural Resources

2 025

Ambitious environmental targets and standards

90%

Committed to

UN Global Compact, Responsible Care® and **Together for Sustainability**

Sustainability performance recognized by external stakeholders. Listed in

Dow Jones Sustainability Index



Business grows with solutions for a sustainable, circular bioeconomy

- We see the circular bioeconomy as a business opportunity to differentiate and capture new markets
- Environmental and also social impacts need to be considered when increasing circularity and developing a circular bioeconomy
- Appropriate customer and stakeholder communication is needed to avoid misperceptions





Using bio-based ingredients, with a focus on residues and by-products



Sunliquid® technololgy

Production of cellulosic sugars and ethanol from agricultural residues, e.g., wheat straw, corn stover, bagasse.





Launch of 'Terra' portfolio

Denominator for products and solutions featuring significant content based on renewable resources with mass-balance certification.

Renewable feedstock based on 80% waste and residues.



Licocare® Rice Bran Wax Vita

Bio-based additives that function as highly effective lubricating and dispersing agents, based on by-products from rice oil production.





Leader in Naturals for the Personal Care market

Collaboration with Beraca

RSPO (Roundtable on Sustainable Palm Oil) certification



Using processes and targets to make it work

Processes

- Clariant's Portfolio Value Program evaluates the product and innovation portfolio against 36 sustainability criteria
- This also includes biodiversity impacts and circularity metrics
- This steers innovation and product development towards increased circularity, reduced impact on biodiversity and best in class sustainability performance

Targets

- Sustainability screening of all major innovation projects
- Screening coverage: 80% of product portfolio
- Environmental 2025 targets on water, energy, CO₂ emissions and waste



Conclusion

Business can thrive in a sustainable, circular bioeconomy

Nature needs to be part of the equation to take into account impacts and dependencies

The chemical industry is central to solutions for global challenges such as climate change and resource scarcity. Bio-based chemical products and solutions can contribute greatly to a more sustainable, low-carbon circular bioeconomy.

Hans Bohnen

Executive Committee Member. Clariant

