

# European Business & Nature Summit

Building actions for nature & people

10:40 – 11:00: Coffee & networking

#EUbiodiversity  
#BusinessNatureSummit

Madrid, 7 & 8 November 2019



Organisers

Collaborators

Funders



With contributions from:

ferrovial

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# European Business & Nature Summit

GS10 – Linking the biodiversity and circular economy agendas

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#BusinessNatureSummit



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GS10 – Linking the biodiversity and circular economy agendas

## Sustainable solutions for a circular bioeconomy

Andrea Weigel  
Corporate Sustainability Manager,  
Clariant

**CLARIANT** 

7 & 8 November 2019

#BusinessNatureSummit



# Clariant at a glance

## FACTS AND FIGURES

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**4 404**

Sales 2018 (CHF m)  
from continuing operations

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**17 901**

Employees 2018  
(including discontinuing  
operations)

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Operating globally in

**53**

countries

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**3**

Business Areas

Care Chemicals

Catalysis

Natural Resources

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**2 025**

Ambitious environmental  
targets and standards

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**90%**

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

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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® technology

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



ECOTAIN®



## 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.



ECOTAIN®



## 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.



## 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



ECOTAIN®

## Targets

- Sustainability screening of all major innovation projects
- Screening coverage: 80% of product portfolio
- Environmental 2025 targets on water, energy, CO<sub>2</sub> 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

