

European Business & Nature Summit

GS10 – Linking the biodiversity and circular economy agendas

GS10 — Linking the biodiversity and circular economy agendas

7 & 8 November 2019

#BusinessNatureSummit



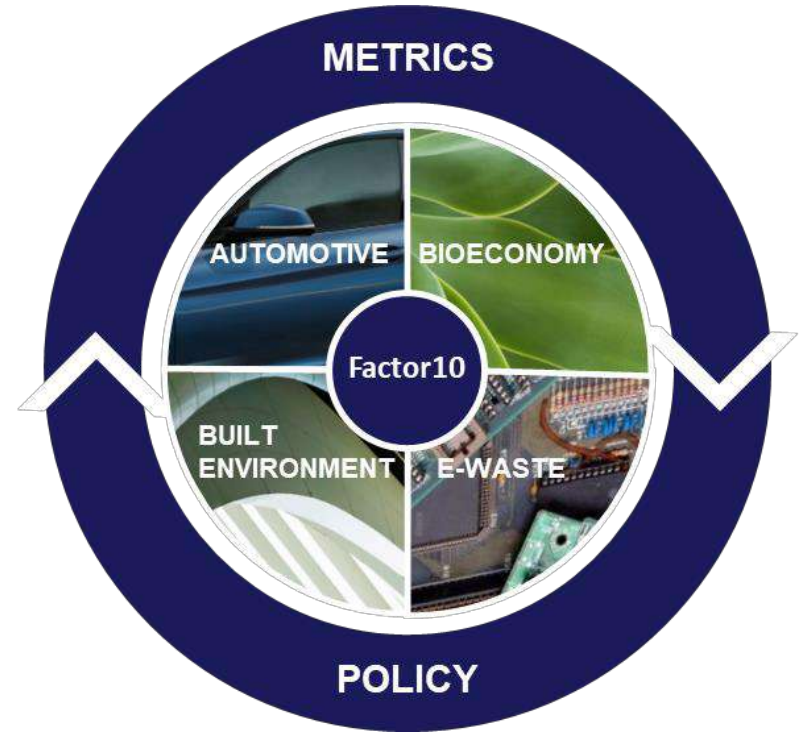
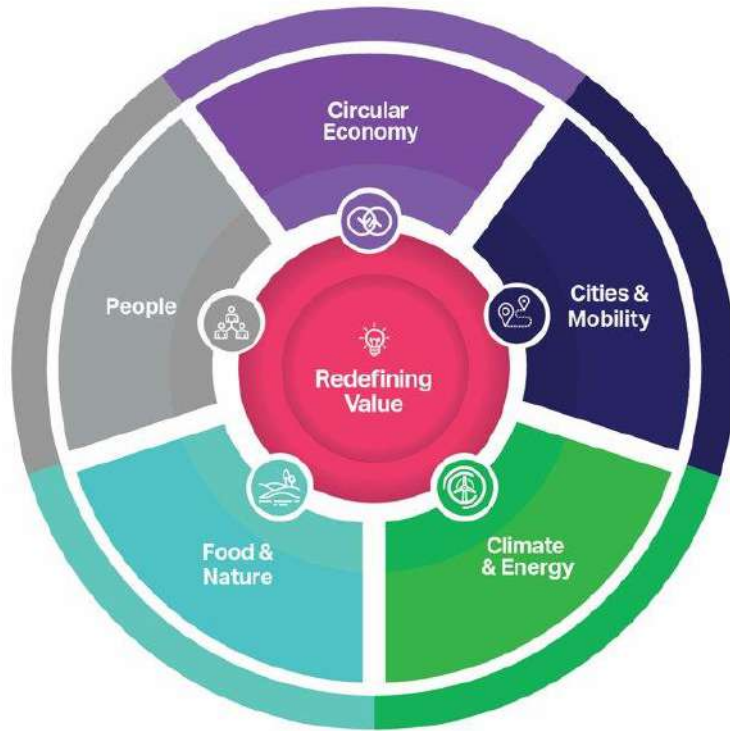
CEO Guide to the Circular Bioeconomy

*Brendan Edgerton, WBCSD
Director, Circular Economy*

European Business & Nature Summit
8 November 2019
Madrid, ES



Circular Economy at WBCSD



accenture

AkzoNobel



Aptar

ARCADIS

ArcelorMittal

BASF
We create chemistry

BCG
THE BOSTON CONSULTING GROUP

BMW
GROUP

CLARIANT

CRH

DOW

DSM
BRIGHT SCIENCE. BRIGHTER LIVING.

EASTMAN

enel

ExxonMobil

EY

GREIF
PACKAGING SUCCESS TOGETHER™

HONDA

iff

KPMG

Factor10

LafargeHolcim

Microsoft

NAVIGANT

NOVARTIS

PHILIPS

ptt
GLOBAL CHEMICAL

pwc

RUBICON

سابك
sabic

SAINT-GOBAIN

SCG



SIMS
METAL
MANAGEMENT

SOLVAY
asking more from chemistry®

storaenso

suez

THE
NAVIGATOR
COMPANY

VEOLIA

Whirlpool

VARA



Now available at
www.wbcscd.org



Download by
scanning the QR
code here using
your smartphone
camera

CEO Guide to the Circular Bioeconomy



Circular Bioeconomy: CEO Signatories

Factor10 Members



FSG Members

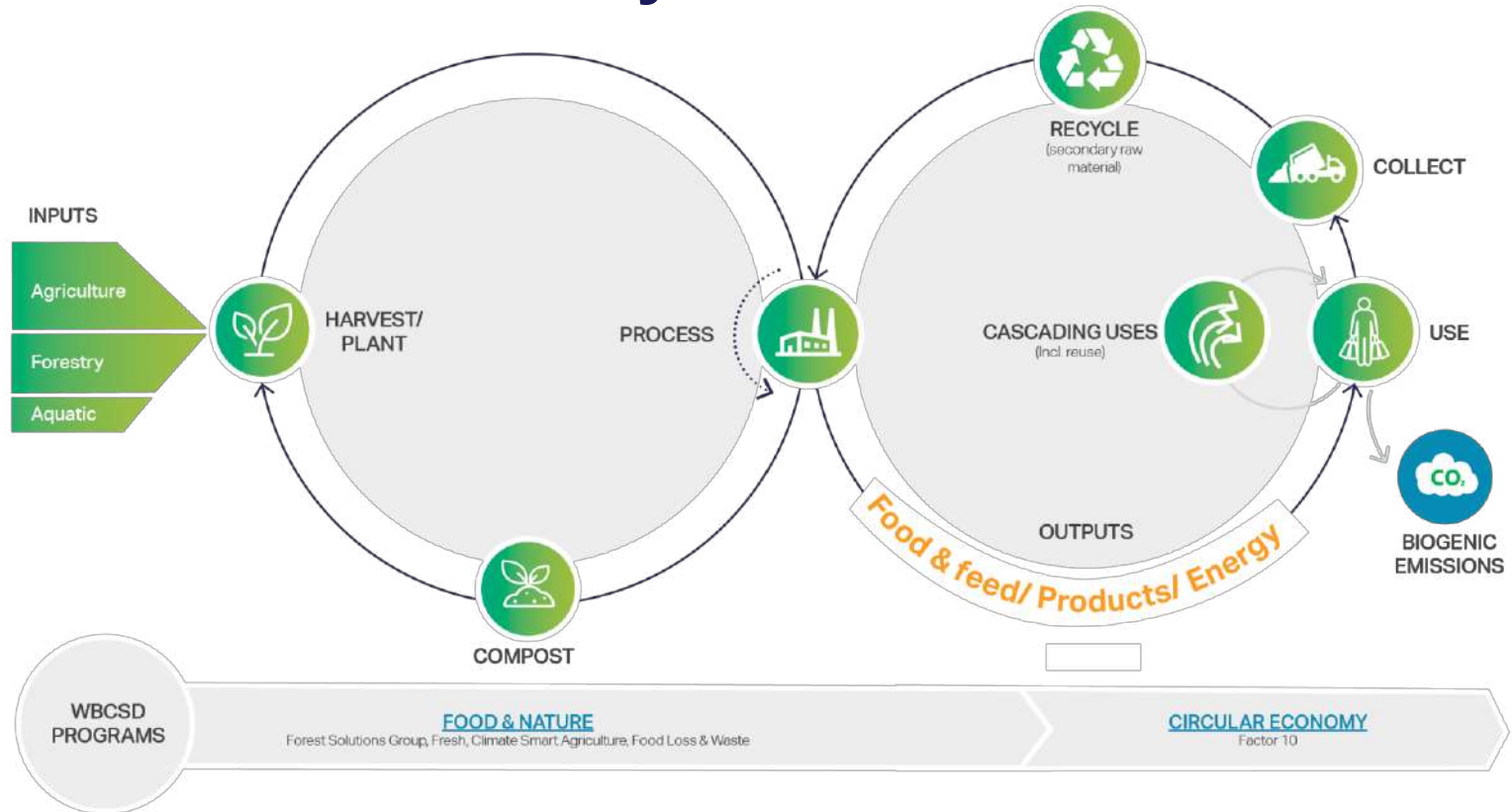


Now available at
www.wbcds.org

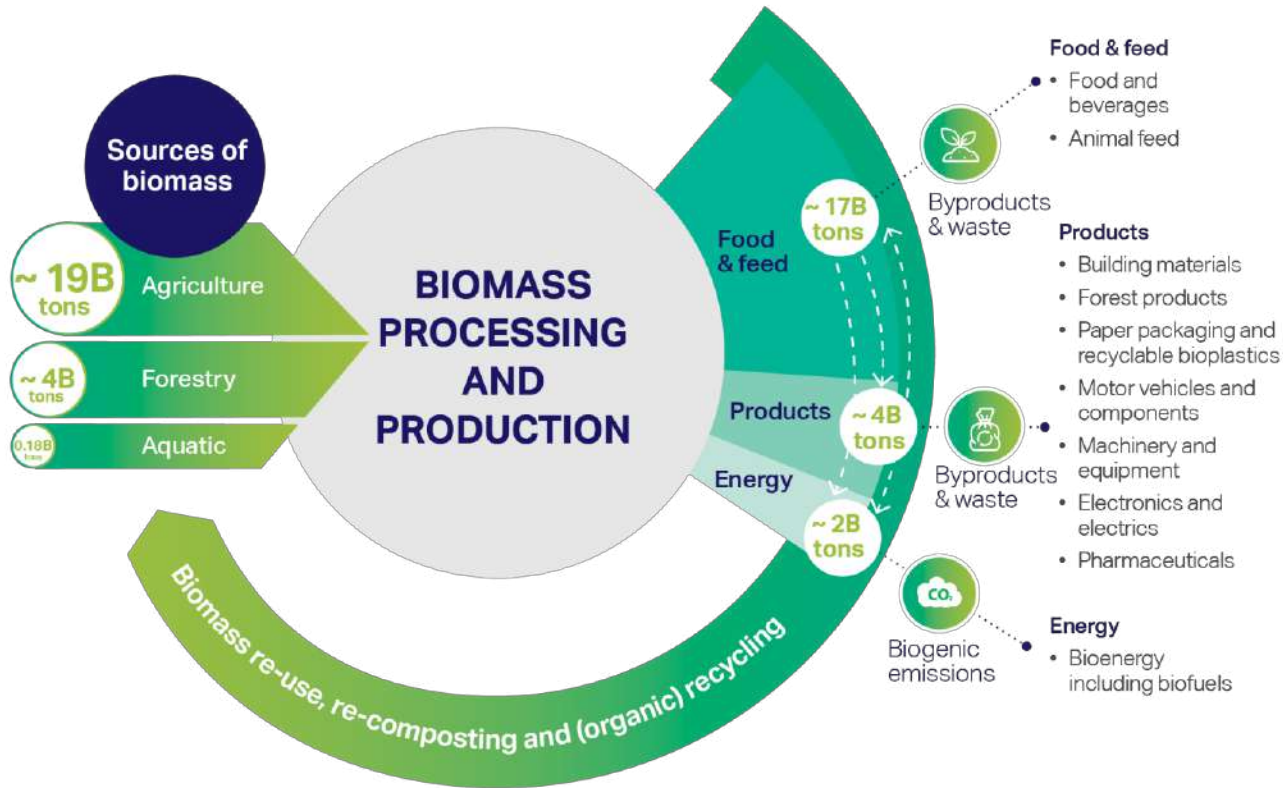


Download by
scanning the QR
code here using
your smartphone
camera

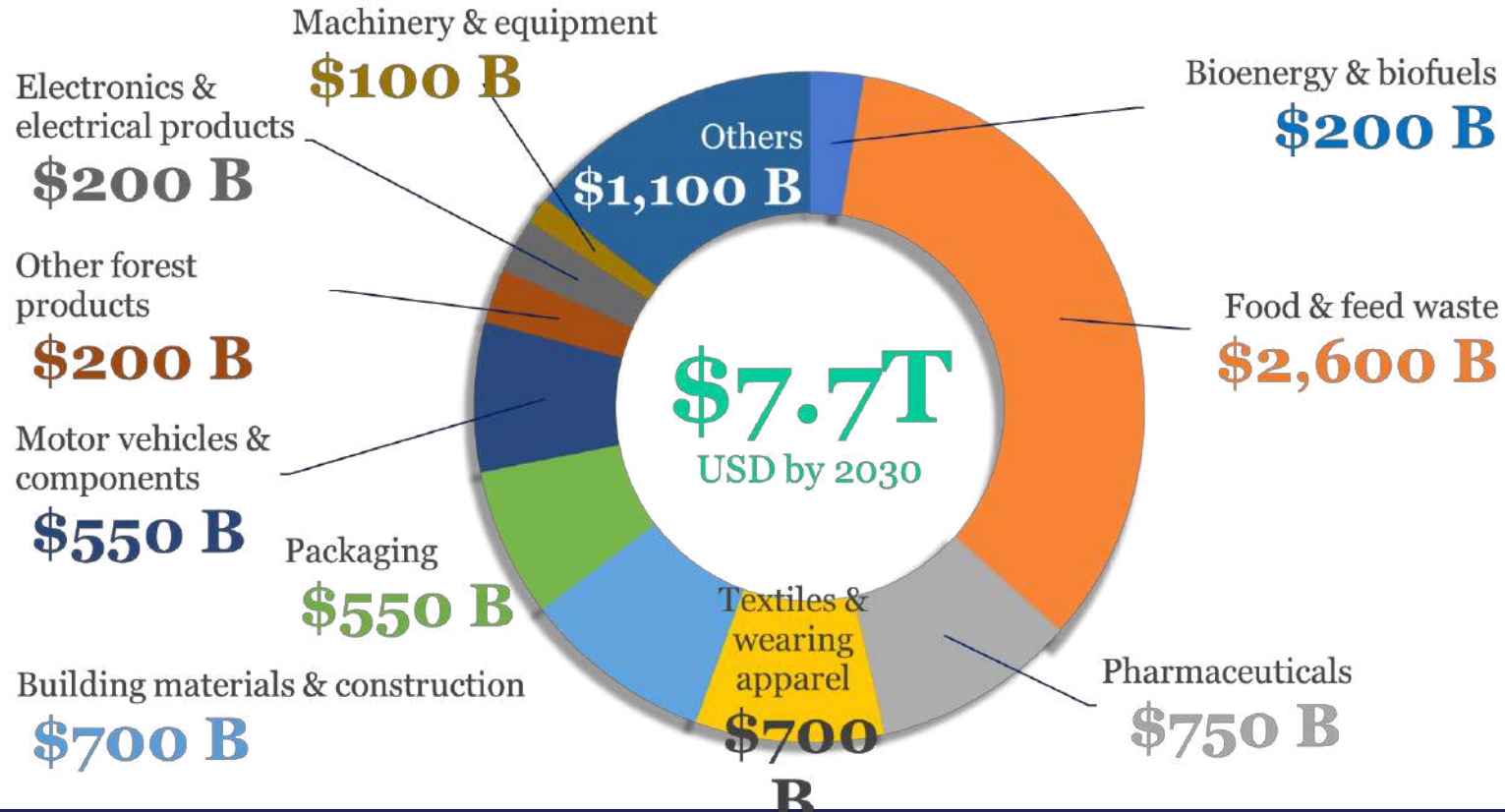
Circular Bioeconomy



Circular Bioeconomy: Sources & End-Uses



Circular Bioeconomy: Business Case



Circular Bioeconomy: Business Case

ENTER NEW MARKETS AND CUSTOMER SEGMENTS:

The circular bioeconomy can help improve **financial performance** and company growth rates by e.g., creating **new markets**, accessing **new customer segments**, sourcing responsibly and enabling **new value chains**.



MITIGATE REGULATORY AND SOCIETAL RISKS:

Companies can actively **reduce regulatory risks** of upcoming regulations in areas such as climate change or waste management. Companies can **be at the vanguard** in societal shifts towards material bans or investors' demand.

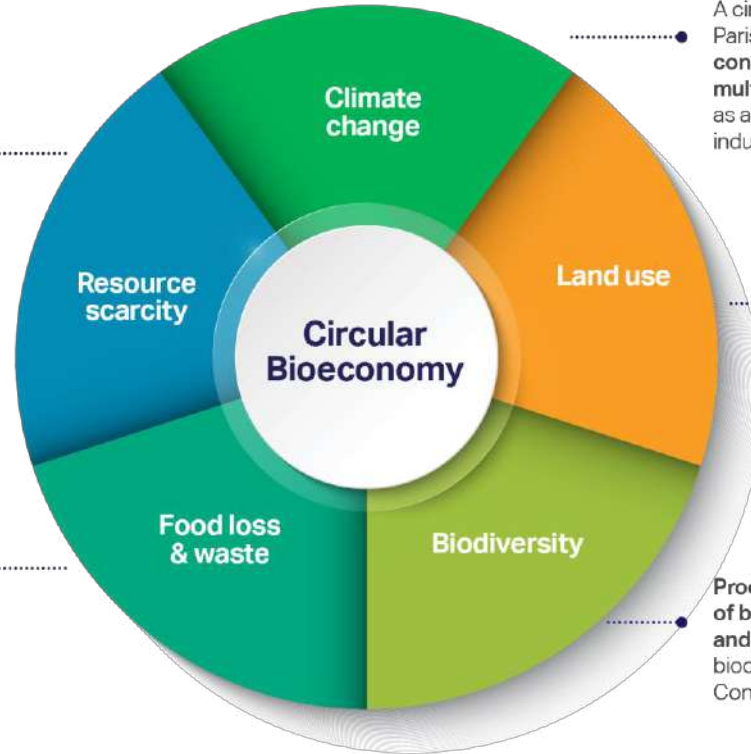
PROVIDE COMPETITIVE ADVANTAGE: Companies can do business with less environmental impact. This will give competitive advantage, **attract and retain talents and new customers**.

Circular Bioeconomy: Environmental Benefits

The circular bioeconomy **alleviates resource supply risks** by shifting from fossil-fuel and non-renewable resources towards sustainable, renewable biomass.



Production and use of food and feed is smarter; **minimize waste generated**. Any waste and by-products should be recovered and used as products or energy.



A circular bioeconomy contributes to the Paris Agreement by **reducing fossil-fuel consumption, reusing biomass over multiple life cycles** and eventually serving as alternative fuel for energy-intensive industries.



Biomass serves many functions over multiple lifetimes, maximizing value created and **relieving pressure on land**.



Production and harvesting of biomass is **sustainable and regenerative**, promoting biodiversity and contributing to the Convention on Biological Diversity.

Circular Bioeconomy: Barriers to Scaling



Costs



Technology



Policy



Perception

Circular Bioeconomy: Actions

- 1 Identify entry point
- 2 Evaluate sustainability trade-offs
- 3 Collaborate
- 4 Start small, then scale

Thank you



Download now



Then learn more about
WBCSD at www.wbcds.org
and get engaged in our
programs