



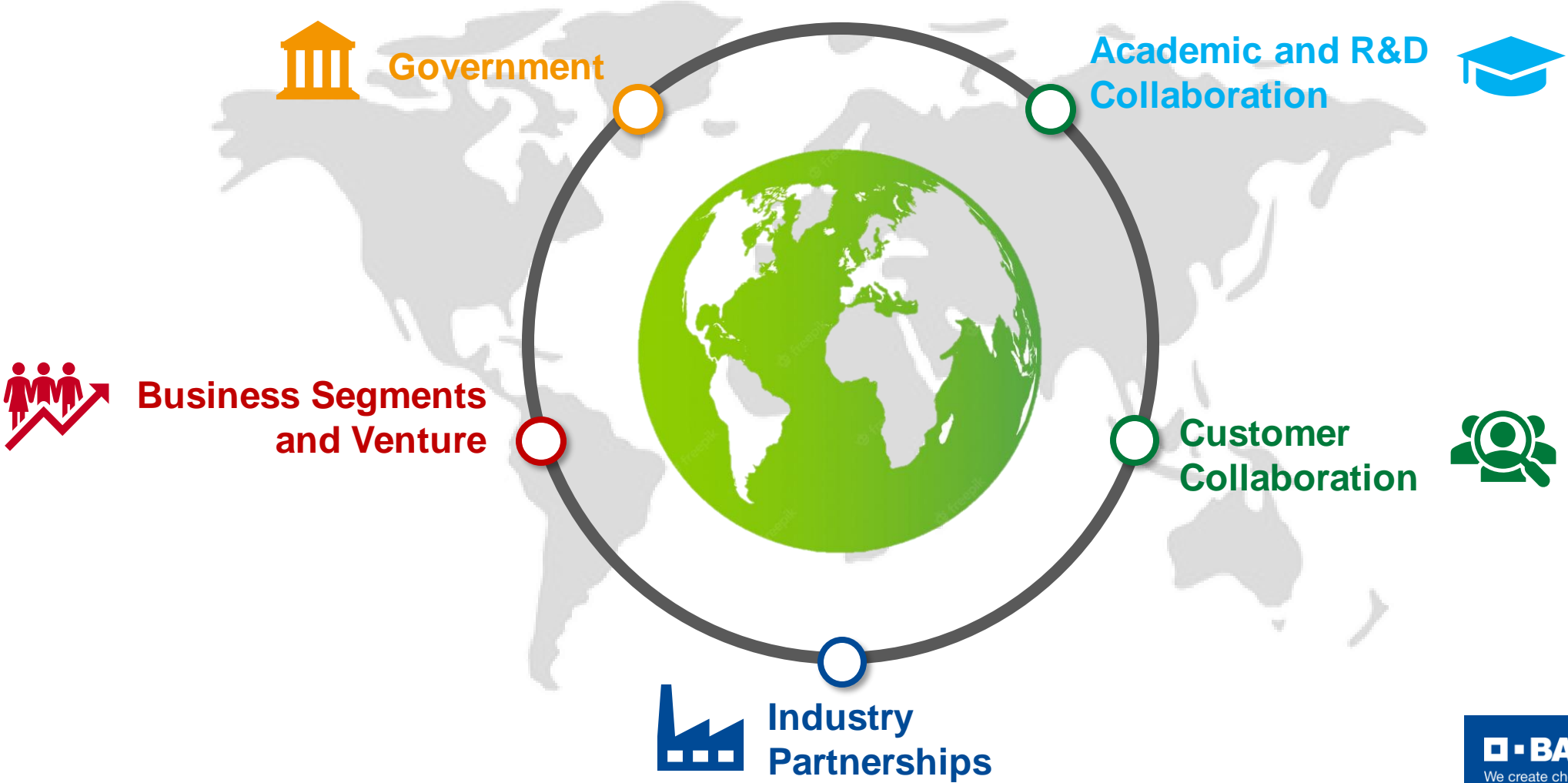
Call for Collaboration

Dr. Christofer Arisandy

June 5th, 2023



Collaboration is the key for industrial transformation towards a more sustainable future



Indonesia poses numerous sustainability challenges for the environment and climate, long-term health and safety as well as social impact



Air quality in dense urban areas



Sustainable sourcing (especially palm)



Deforestation



Water quality & scarcity



Power coverage in rural area



Waste & marine litter



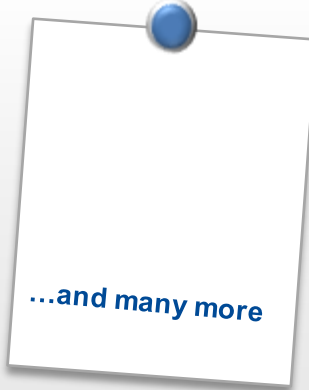
Smallholder farmer safety



Climate impacts



Poverty alleviation and equitable growth



...and many more

Plastic Circularity Challenges



Plastic waste

What?

- Reduce
- Reuse
- Recycle

Who?

- Industry & consumer
- Industry & consumer
- Industry & consumer

Thermoplastic Polyester



Petra®

Plastic Additives



IrgaCycle™

Environmentally Friendly Cleaners



Gardoclean®

Molding Compound



Ultramid® Cycled™

Emission Reduction and Circularity Challenges



Bio-feedstock:

What?

- Reduce fossil feedstocks
- Reduce waste
- Close the loop

Who?

Government & industry
Industry / practitioner
Industry / practitioner

Catalyst for Biodiesel



Lutropur® MSA

Upcycled By-product for Bioactive



Rambuvital®/Nephoria®

Hybrid 6-phytase enzyme for animal



Natuphos® E

Emission Reduction Challenges



Green house gases:

What?

- Fossil → bio-based materials
- Utilize low carbon products
- Convert to renewable energy

Who?

- Industry
- Consumer
- Industry

Pioneer in Zero-PCF MDI



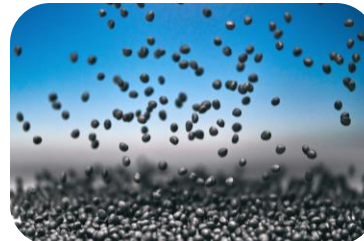
Lupranat® ZERO

Precoat Binder



Basonal® Plus 7988

Expandable Polystyrene



Neopor®

Collectors for Mining Recovery



Lupromin®

Stationary Energy Storage



NAS® Battery

Socio-economy Challenges



Food security & crop quality:

What?

- Use micronutrients for the soil
- Utilize safe crop protection

Who?

Industry / practitioner
Industry / practitioner

Micronutrients



Libre1®

Fungicide



Seltima® 100CS

Let's join forces to turn challenges into opportunities and enable a transition towards a more sustainable economy and industry



Mindset shift to circular models and scientific discussions



Cross value chain collaboration for solutions and standards



Support global and national certifications and regulations



National open loop setup and acceptance of mass balance



Global EPR schemes and CO2 pricing mechanisms



Infrastructure and access to ren. electricity + suitable waste streams



Let's collaborate
to accelerate the transition
towards achieving Net Zero target.



We create chemistry

How to contact us?

**For any enquiries,
please reach out to us through this link:**

<https://www.basf.com/id/en/who-we-are/sustainability/Sustainability-Event-in-Indonesia.html>

Or scan this QR code!





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