

Decarbonization & Defossilization @ Evonik



Materials Valley - Materialinnovationen für die Dekarbonisierung der Industrie

April 22nd, 2021

Dr. Oliver M. Busch
Head of Incubation Cluster Defossilization - Creavis

**Decarbonization
and
Defossilization**

**Footprint
and
Handprint**

Decarbonization @ Evonik – essential part of our sustainability targets

Excellent Rankings



Sector leading rankings

Evonik amongst leaders in all relevant ratings¹ – “A” MSCI ESG rating, EcoVadis “Platin” rating, “B-”ISS Oekom and “A-” CDP rating

1: See presentation back-up for rating details

Environmental Targets



Ambitious environmental targets

Evonik's sustainability strategy 2020+ with ambitious climate and water targets

Status: - 44% achieved

Portfolio Management



Portfolio aligned to sustainability

~35% of sales with superior sustainability benefits to customers; integration of sustainability into strategic management processes and decisions

Defossilisation



- Creavis is the New Businesses Incubator of Evonik
- Incubation Cluster Defossilisation focuses on solutions reducing dependence on fossil resources (gas, oil, coal)
- Key lever towards a CO₂ emission-free society as requested by e.g. EU Green Deal
- Pursues future trends in Green Energy and Material Circularity



Business incubation in Defossilation addresses business opportunities resulting from the avoidance of fossil feedstock related CO₂ emissions



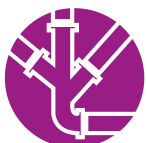
Mitigating CO₂ emissions with new concepts for carbon capturing and subsequent utilization as feedstock



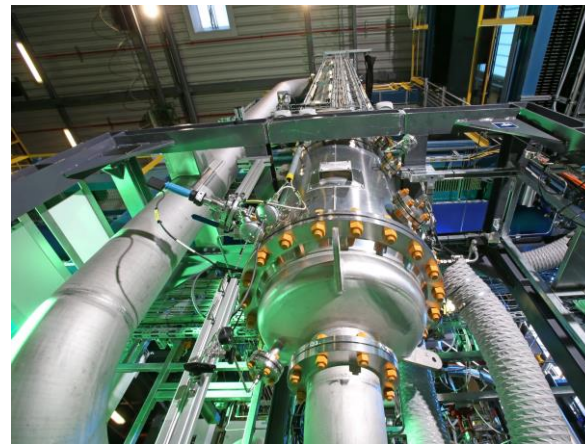
Reducing dependency on fossil resources with an optimized sustainable mix of renewable and circular feedstocks



Improving circularity by avoiding downcycling effects through advanced additives and by keeping key elements in the loop



Enabling the hydrogen economy with new specialty chemicals and materials to advance the rise of green hydrogen





EVONIK

Leading Beyond Chemistry