



JULY 2019
THE KICKOFF OF A DEEPER
COLLABORATION

THE UAE AND GERMANY

THE COMMON VISION

INVEST AND RESEARCH TOGETHER
NEW TECHNOLOGIES AND NEW PRODUCTS



A taskforce was formed to accelerate and deepen the cooperation between the UAE & Germany on 4IR

Logos non-exhaustive



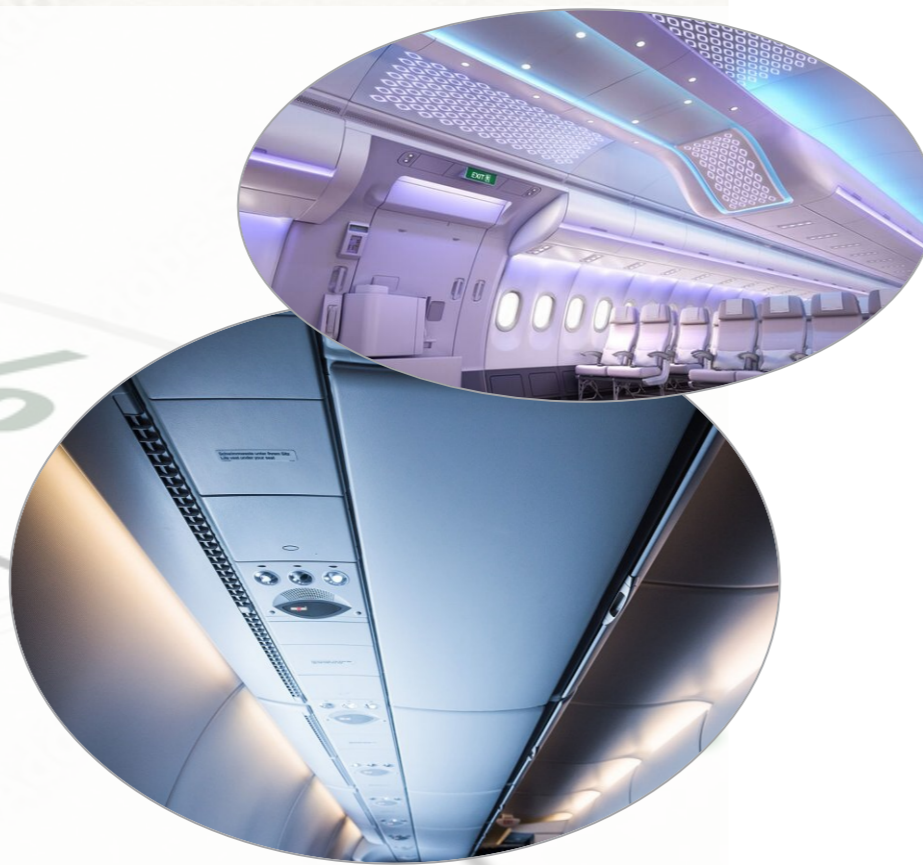
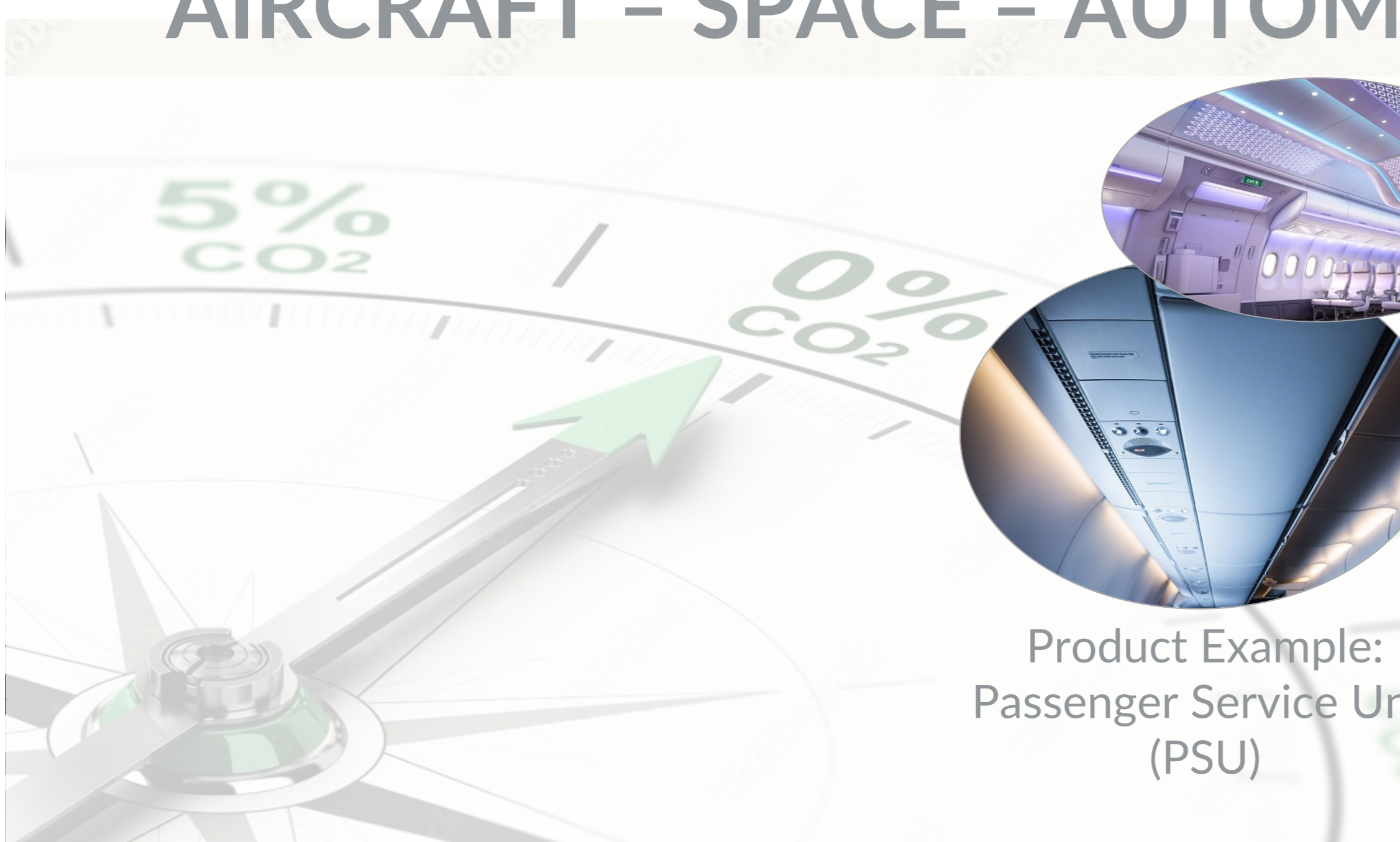
- > Seven working groups were created based on target industries
- > More than 110 companies & entities involved
- > Around 50/50 percent participation of German and Emirati firms
- > More than 130 participants enrolled and active

	Energy, O&G, Petrochem	Healthcare	Aviation, Automotive, Space	Industrialization, Smart Factories	Sustainability, Food, Water	Data Intelligence	HR development, Training & Education

LIGHTHOUSE-PROJECT: DECARB FACTORY: FUTURE MOBILITY INTERIOR FOR AIRCRAFT - SPACE - AUTOMOTIVE - RAILWAY - MARINE



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Product Example:
Passenger Service Unit
(PSU)



vent

Eco-System Decarb Factory as a Frame Project



Carbon-neutral production

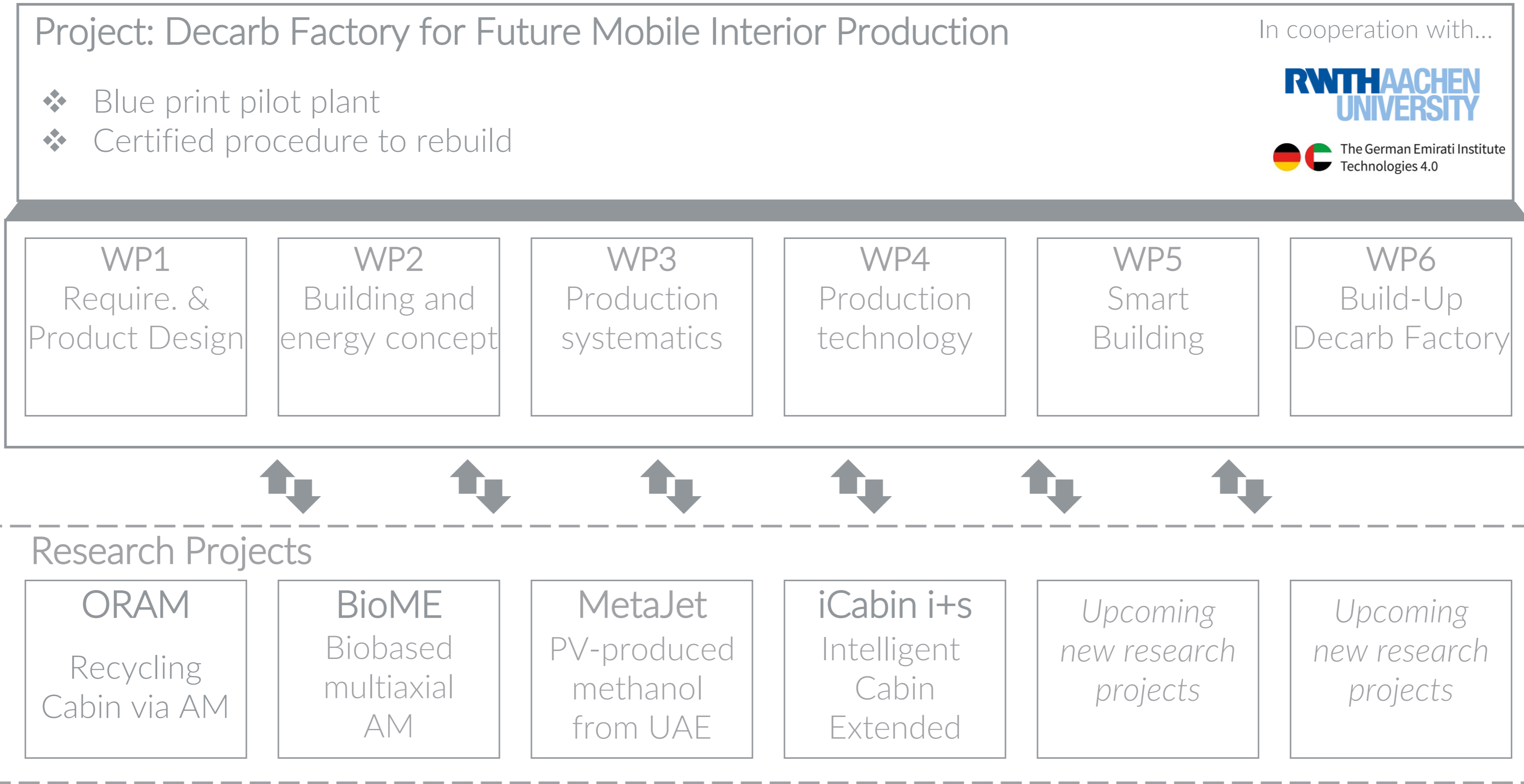
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Inputs...
... have to be sustainable

Energy

Water

(Recycled) Materials



► Further Decarb Factories for ...

Health Care

Food Factory

...

Official Opening of the Think Tank 14.2 – Inauguration by delegates from UAE and State Government NRW

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Dr. Steffen Hohenstein
 German-Emirati-Institute
 6th / 7th Mar 2025 | Successful R&I in Europe 2025: 12th European Networking Event

THINK TANK - X-INDUSTRY PLATFORMS IN DECARB FACTORY

WELCOME

Ralf Schliwa, Dipl.-Ing
 Director Aerospace German Emirati institute – Project Lead Decarb Factory



Aachen, 14./15. Feb 2023

14./15. Feb 2023
 Think Tank of the Decarb Factory

The German Emirati Institute
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IN SUM: Establishment of a carbon-free production center to strengthen Europe's technology leadership

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Target

Climate: 100% energy sourcing from renewable sources (up to 50% from self-produced).

Human: Empowerment of local workforce - from the industry, including mining - through technology-based retraining

Technology: Emission-free manufacturing processes with the use of renewable resources

Solutions

DECARB PRODUCTION CENTER FOR MOBILE INTERIOR COMPONENTS

Contact Information



Dr. Steffen Hohenstein

Senior Product Advisor

German – Emirati Institute GmbH
Unter den Buchen 31
41844 Wegberg

Mail: Steffen.Hohenstein@german-emirati-institute.com

Phone: +49 151 20069145