



Operationalisation of the Single African
Air Transport Market (SAATM) – Support
to the African Civil Aviation Commission
(AFCAC)



SAF Training for ACI & AFRAA: How to become SAF-ready? How to make SAF happen?

Arusha, Tanzania, 23 – 25 April 2025



SPEAKER

HEGEL, ESTHER

Job title

R&D Project Manager, Roundtable on Sustainable Biomaterials (RSB)

CURRICULUM VITAE

Esther advances sustainable biomanufacturing through the assessment of novel biorefinery concepts.

- **Bioprocess Engineering Diploma (Dipl.-Ing.)**(Karlsruhe Institute of Technology (KIT), Germany, 2015)
- **PhD in Industrial Biotechnology** (DSM Biotechnology Center Delft & University of Groningen, Netherlands, 2020) as Marie Curie Scholar (funded by European Commission)
- **Research Project Manager Bioeconomy and Biotechnology** (DECHEMA e.V., Germany, 2020-2024)
→ LCA and market assessment of novel bio-based production routes (e.g., from CO₂, waste, sugars)
- **EU Project Manager (Roundtable on Sustainable Biomaterials (RSB), Germany, since 2024)**
→ LCA and TEA of fuels and materials from sustainable resources



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