



German RETech Partnership  
Recycling & Waste Management  
Made in Germany

# German technology transfer in the waste sector



**Name: Brijesh Patel**  
Position: Head of Working Group India

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# Who is RETech?



**The Export Network**  
of the German recycling and  
waste management sector



**2007**

**founded** as RETech Initiative  
by the Federal Ministry for the  
Environment, Nature  
Conservation and Nuclear  
Safety (BMU)



**2011**

**transferred** into  
German RETech  
Partnership e.V.

# Who is on RETech's Advisory Board?



**VDMA**



**KFW**

# What is RETech's mission?

- Interlinking **politics, science** and **business** in the field of recycling and waste management
- **Connecting** the German waste and recycling sector with **worldwide contacts**
- Promoting **cooperation**, exchange of **information** and **experience**



# What are RETech's Objectives?

- Capacity building for **sustainable waste management and recycling worldwide**
- **Innovation and knowledge transfer** in Waste recycling- and efficient processing technology
- **Partnership** with interested countries, cities, institutions and industries **for comprehensive, individually tailored concepts and solutions** for waste management and recycling topics
- Improvement of the **country specific knowledge** for German small and medium sized enterprises

# What RETech offers?

- **A holistic approach** along the entire process chain based on a 5-stage model
- **Safety for planning and decision-making** in terms of technical and service-related interfaces along the entire process chain
- **Cost benefits** compared to individual offers of separately acting market participants
- **Necessary conditions** beyond technology and service are always considered as well

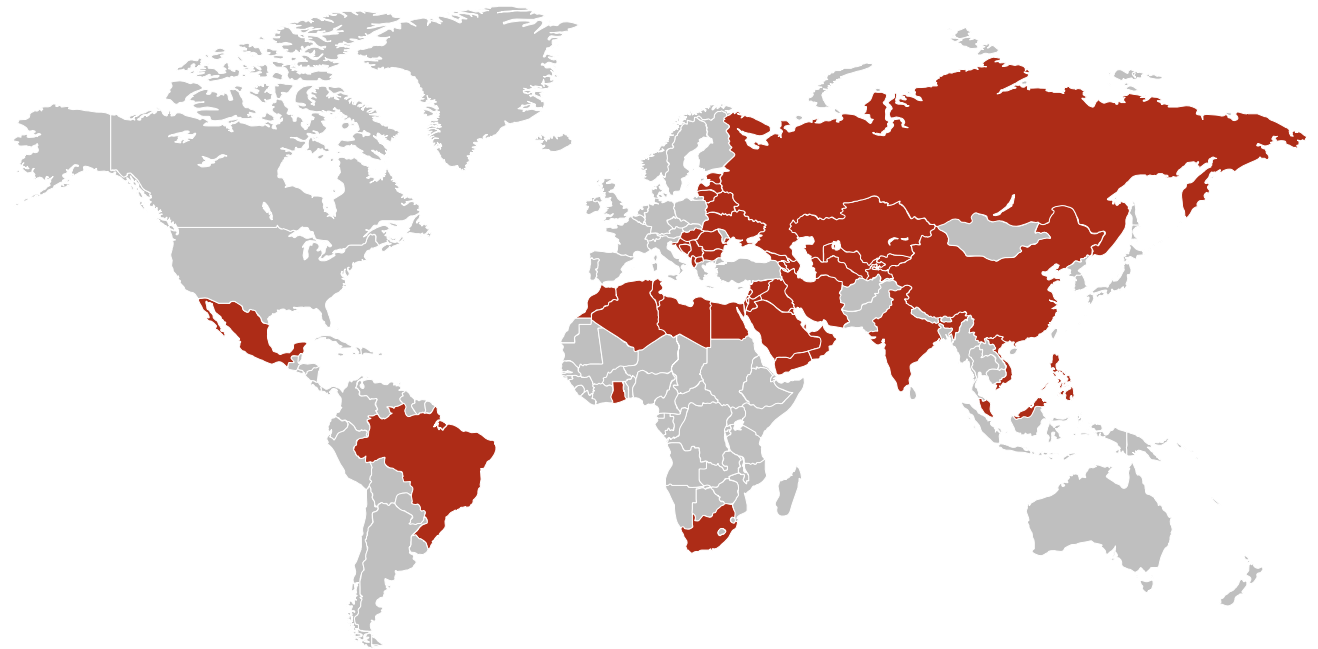
# How is the setup of RETech?

Opportunities to exchange information and experiences, initiation of cooperation:  
Our Working Groups

 Working Group  
**Municipal solid waste**

 Working Group  
**Financing**

 Working Group  
**South East Europe,  
India, MENA, China,  
Emerging &  
Developing Markets**





# Who are the members of RETech?

A.E.L.G Michael Terwart		ANDREAS VON SCHOENBERG CONSULTING 	 <small>Design &amp; Consultancy for natural and built assets</small>	 <small>Bayerischer Abfallwirtschaftsverband</small>			
 Umwelt GmbH							
 <small>circular economy &amp; consulting</small>							
							



# Who are the members of RETech?



LANDBELL GROUP



Solvorec GmbH



STADTREINIGUNG HAMBURG



# RETech Projects

## TouMaLi - Tourism Marine Litter



Duration: 2021 - 2024



Uni. Rostock together with RETech members  
Funded by BMU



Reduction of tourism related beach pollution in the region of Morocco, Algeria, Tunisia & Egypt



Picture; organic waste, © Jan Sprafke



## Organic waste treatment in East Africa

Dec. 2020.  
June 2022



DBFZ with RETech members



"WasteGui – Guideline of urban and rural organic waste in the African countries using the example of Ethiopia"



# RETech Projects

## Cooperation of associations in Ghana



Duration: 2020 - 2021



RETech members  
Funded by Small  
Scale funds from BMZ



Small-scale-measure,  
Capacity building &  
training between German  
Recycling Technologies  
and Waste Management  
Partnership e.V. (RETech)  
and Plastics Recyclers  
and Aggregators  
Association (PRAAG) in  
Ghana



Training in Accra, Ghana, ©BlackForest  
Solution GmbH

Picture; organic waste, © Jan Sprafke



## SWM concept for City of Bogota, Columbia

Dec 2020.  
Jan 2022



DBFZ with RETech  
members



Waste concept for the  
city of Bogotá  
Collection of basic data  
Compilation of a  
processing concepts  
Designation of possible  
locations for waste  
plants



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# RETech Projects

## Extended Producer Responsibility in Tunisia



Duration: 2017 - 2020



RETech members-  
Cyclos GmbH,  
DeveloPPP - GIZ



Support Tunisia in  
setting up an  
economically viable  
EPR system.



© GIZ/SWEEP-Net

Picture; © BN Umwelt



## Feasibility study for sustainable landfill closure in Kiev

Oct. 2017.  
Dec. 2018



BN Umwelt with  
RETech members  
Funded by BMU



Feasibility studies  
for scientific closure  
of Landfill in Kiev,  
Ukraine.



# Contact



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