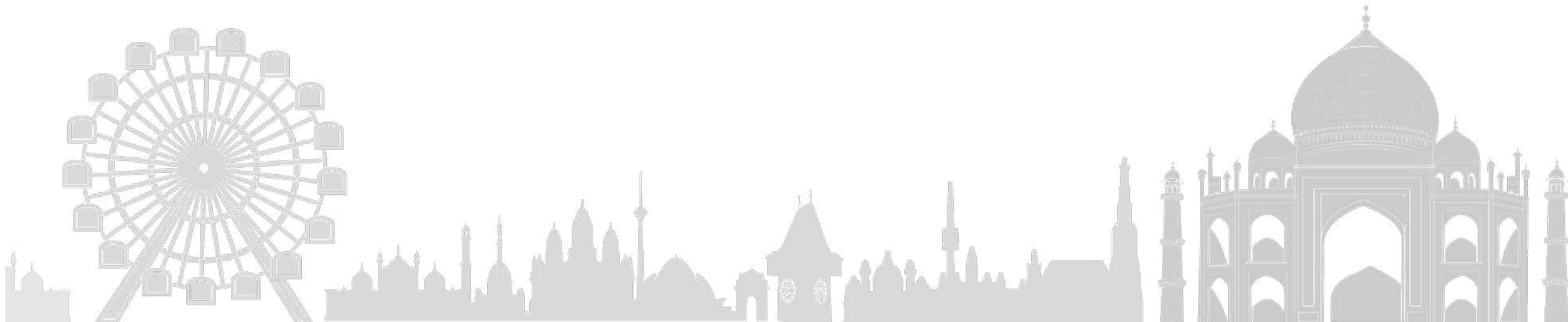


Energy from Waste



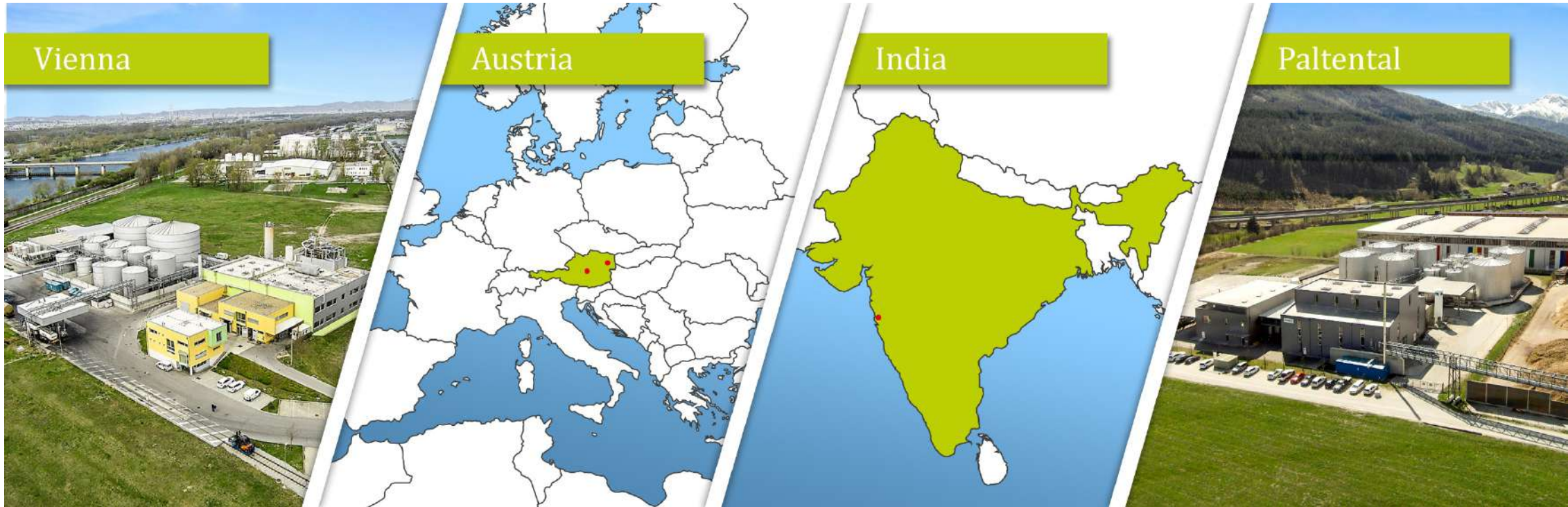
Strengthening the Certification Process

The System User's Point of View



Münzer Bioindustrie GmbH

One Name – One Family – One Company



Münzer Bioindustrie GmbH Muenzer Trading B.V

The **largest disposal company for Used Cooking Oil (UCO) in Central Europe**, with more than 27 years of environmental consulting experience.

National wide Collection System

We are serving **more than 7,000 partners** from the Foodservice Industry like Hotels and Restaurants, Catering businesses and Franchise companies.

We are collecting from **households** using 3l buckets

Muenzer Bharat Pvt. Ltd. Muenzer Bangla Pvt. Ltd.

The **Indian government has mandated us** to start with a **collection system** for Used Cooking Oil (UCO) for the purpose of **generating Energy**.

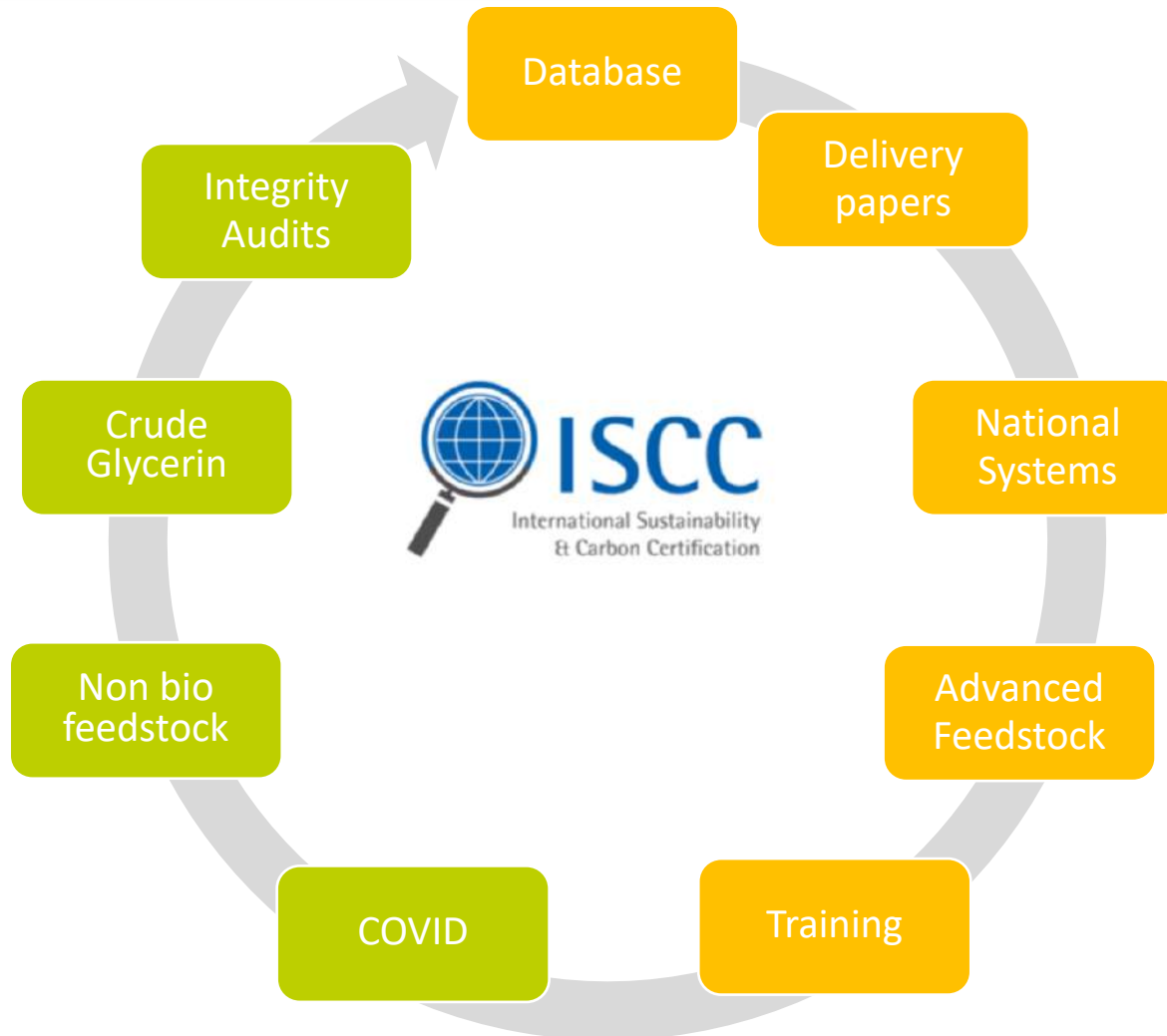
Münzer Bioindustrie GmbH

Supplying more than **200.000mt** per year to large mineral oil companies to fulfill their **blending targets**.



Münzer Bioindustrie GmbH

Strengthening the Certification Process



Database

Assurance that final PoS can only be used once by maintaining a EU wide database. Top-Down process

Delivery papers

We still see mistakes in filling out sustainability delivery papers. Auditors should check outgoing papers at the waste collector

National system

National implementations (e.g. Italy) should be avoided by favoring EC recognized system

Advanced Feedstock

Criteria taking into account by members states vary heavily. Free product (PoS) movement is not guaranteed.

Training

Regular training and direct contact to CB is necessary to maintain knowledge. Web based training is favorable.

Münzer Bioindustrie GmbH

Strengthening the Certification Process



COVID

Initial audits can not be performed. Delay in getting new waste sources online

Non bio feedstock

We see stronger interest in Methanol with calculated GHG values. Under the current setup a G-phase recycling company can not be directly certified.

Crude Glycerin

There is still confusion about the term „refined“ to differentiate crude glycerin to technical grade. Should not be decided by the CB.

Integrity Audits

Are crucial to maintain a strong sustainability scheme. All recognized systems should have to perform them.

Since 1st of January 2020:

- Existence of Points of Origin
- Mass Balance Verification Prior to the Audit
- Mandatory Surveillance Audits

Energy from waste

Contribution to a sustainable living

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