

REMONDIS QR meets



Part of the RETHMANN Group

Family owned – since 1934




WORKING FOR THE FUTURE

Environmental & Technical Services

- Recycling
- Services
- Water

Turnover 2017: 6,4 billion €
Employees: 31,200
Headquarter: Lünen, Germany



Logistics

- Contract Logistics
- Freight Logistics
- Port Logistics
- Public Transport

Turnover 2017: 4,2 billion €
Employees: 25,000
Headquarter: Holzwickede, Germany



Bio-Industries

- High-quality goods from animal by-products
- Producer of renewable energy
- Service provider for the agricultural and food sector

Turnover 2017: 1,6 billion €
Employees: 6,800
Headquarter: Selm, Germany

REMONDIS QR, Germany

The Group's mercury specialist

- Certified and fully licensed
„Specialized Waste Management Company“
- Established in 1989
- Two treatment sites in Germany:
 - Dorsten
 - Lübeck
- Our motto: “Collect mercury waste local – treat central”



REMONDIS QR, Germany

Types of mercury waste & sites

Site/ location

Types of waste

| | <u>Dorsten</u> | <u>Lübeck</u> |
|--|---|--|
| | 1) Soil, sludges, spent absorbent 2) Pumpable waste (liquid & pasty) | 1) Batteries, switches, relays, thermometers, dental amalgam, lamps, rectifiers, scrap metal, electronic waste |
| | 3) Metallic mercury (Hg) | n.e. |

REMONDIS QR, Germany

Sites & process technologies

Site/ location

| | <u>Dorsten</u> | <u>Lübeck</u> |
|---------------------------|---|---|
| <u>Process technology</u> | 1) Rotary kiln high temperature treatment 2) Tube kiln vacuum distillation | 1) Box kiln high temperature treatment |
| Chemical | 3) Stabilisation of metallic mercury (Hg) | n.e. |

REMONDIS QR, Germany

That is self-evident

- ... environmentally sound mercury waste transport, storage & treatment
- ... 100% transparency of all waste-streams (traceability)
- ... proper documentation considering Worldwide and European laws & legislation

→ Experience in mercury waste management & treatment for 30 years!

REMONDIS QR, Germany

... promotes “**Collect mercury waste local – treat central**” because

- ... **Basel Convention works !**

- ...

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BASEL CONVENTION

*the world environmental
agreement on wastes*

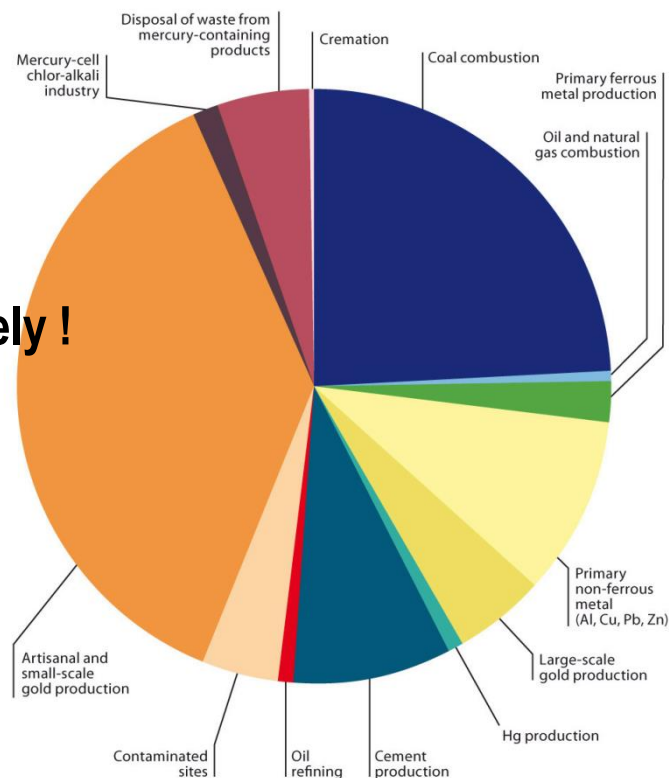
REMONDIS QR, Germany

... promotes **“Collect mercury waste local – treat central”** because

- ... Basel Convention works

- ... **you cannot avoid transport completely !**

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Relative contributions to estimated emissions to air from anthropogenic sources in 2010.

Data source: *Global Mercury Assessment 2013: Sources, emission, releases and environmental transport*; UNEP Chemicals Branch: Geneva, CH

REMONDIS QR, Germany

... promotes “**Collect mercury waste local – treat central**” because

- ... Basel Convention works
- ... you cannot avoid transport completely
- ... **centralised expertise & treatment guarantees ESM – worldwide !**

- REMONDIS QR GmbH
Gottlieb-Daimler-Str. 33
46282 Dorsten, Germany

Martin Pakulat

Remember:

**Collect mercury waste local
& treat central**

Thank you for your attention!