

DAGENS PROGRAM



DAGSORDEN

30/11 2020 12:00 – 16:10

SEMINAR
SAMARBEJDE
RESTPRODUKTER
Branchesamarbejde om genanvendelse af restprodukter | 2020

- | | | | |
|-------|---|-------|--|
| 12:00 | Webinar starter – velkomst | 13:50 | Genanvendelse af Flyveaske
<i>ordstyrer Jan Fletcher Hansen, EnergiNist</i> |
| 12:05 | Årsberetning for Samarbejdet
<i>ved formand Erland Christensen, DRH</i> | 13:55 | Overblik og LCA
<i>Thomas Astrup, DTU Miljø</i> |
| 12:20 | Potentialer for genanvendelse af restprodukter
<i>ved Christian Riber, Rambøll Danmark A/S</i> | 14:15 | Halosep på Vestforbrænding, hvor er vi?
<i>Kim Crillesen, I/S Vestforbrænding og STENA</i> |
| 12:30 | Genanvendelse af gips
<i>ordstyrer Jonas Nedenskov, ARC</i> | 14:35 | Fremtidsplaner hos NOAH
<i>Pelle Funder Michelsen, NOAH</i> |
| 12:35 | ARC's tanker om gips og "End of Waste"
<i>Jonas Nedenskov, ARC</i> | 14:45 | Fremtidsplaner hos Ragn-sells
<i>Mikael Hedström, Ragn-sells</i> |
| 12:55 | Kvaliteten af Gips fra affaldsforbrænding, hvad ved vi?
<i>Kim Brinck, Rambøll Danmark A/S</i> | 14:55 | Afslutning flyveaskegenanvendelse |
| 13:15 | Hvordan laver man gipsplader af gips?
<i>Lars Bo Hansen, SG Gyproc Danmark</i> | 15:00 | ARGOs tanker om restprodukter i 2030
<i>Klaus Hansen, I/S ARGO</i> |
| 13:35 | Afslutning gipsgenanvendelse | 15:15 | Kvantificering af genanvendelse - paneldebat
<i>Erland Christensen, Christian Riber, Pelle Funder Michelsen, Thomas Astrup,</i> |
| 13:40 | Pause til 13:50 | 15:55 | 2021 program og perspektiver - afslutning
<i>Ved Erland Christensen, DRH</i> |

POTENTIALER FOR GENANVENDELSE AF RESTPRODUKTER

V/CHRISTIAN RIBER, RAMBØLL



RAMBOLL IN BRIEF

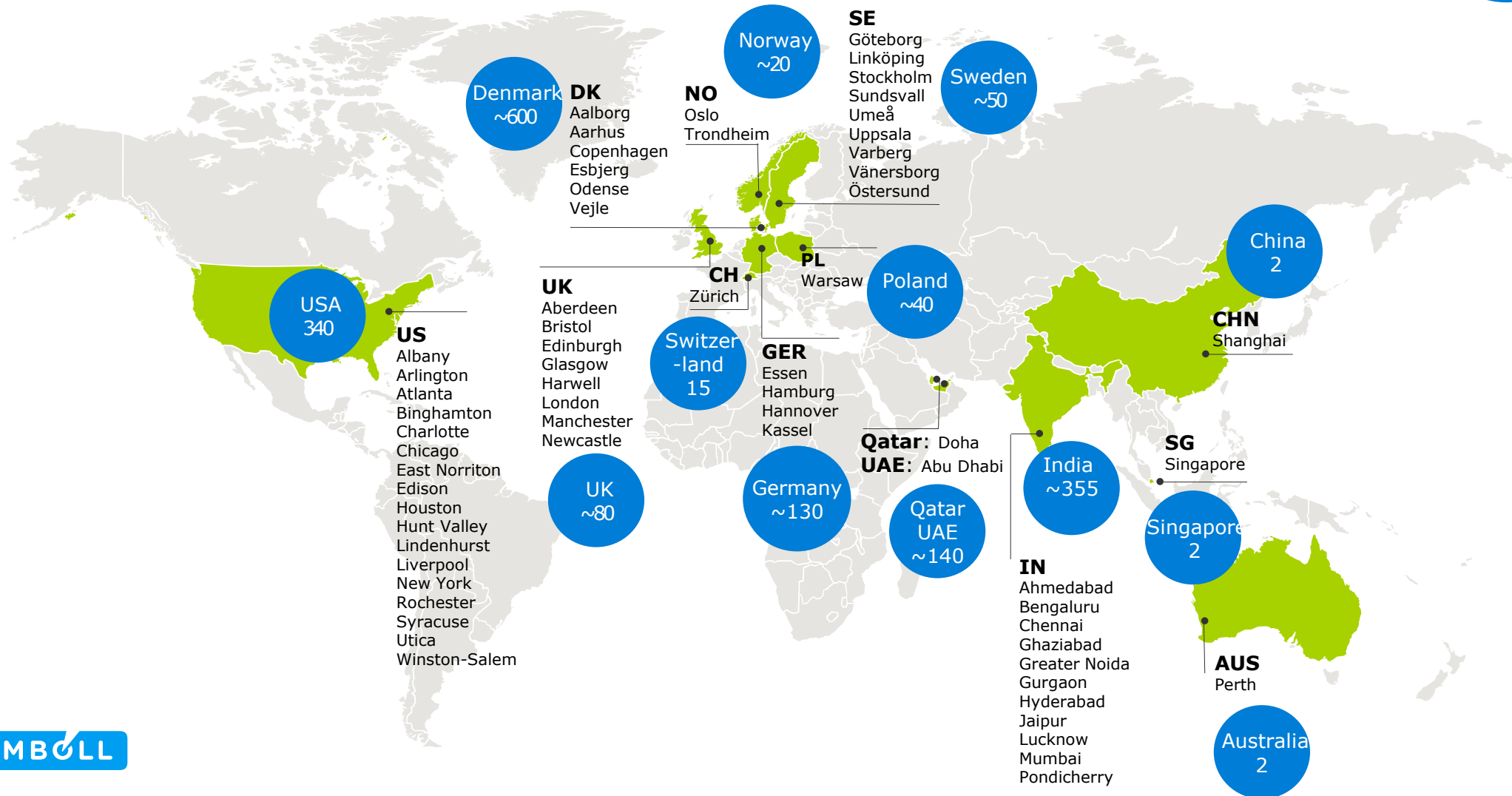
- Independent engineering, architecture and consultancy company
- Founded 1945 in Denmark
- 17,000 experts
- Present in 35 countries
- Particularly strong presence in the Nordics, the UK, North America, Continental Europe, Middle East and Asia Pacific
- EUR 1.9 billion revenue
- Owned by Rambøll Fonden – The Ramboll Foundation

GEOGRAPHICAL FOOTPRINT

1800 EMPLOYEES IN 14 COUNTRIES

Geography

Number of employees



WASTE-TO-ENERGY

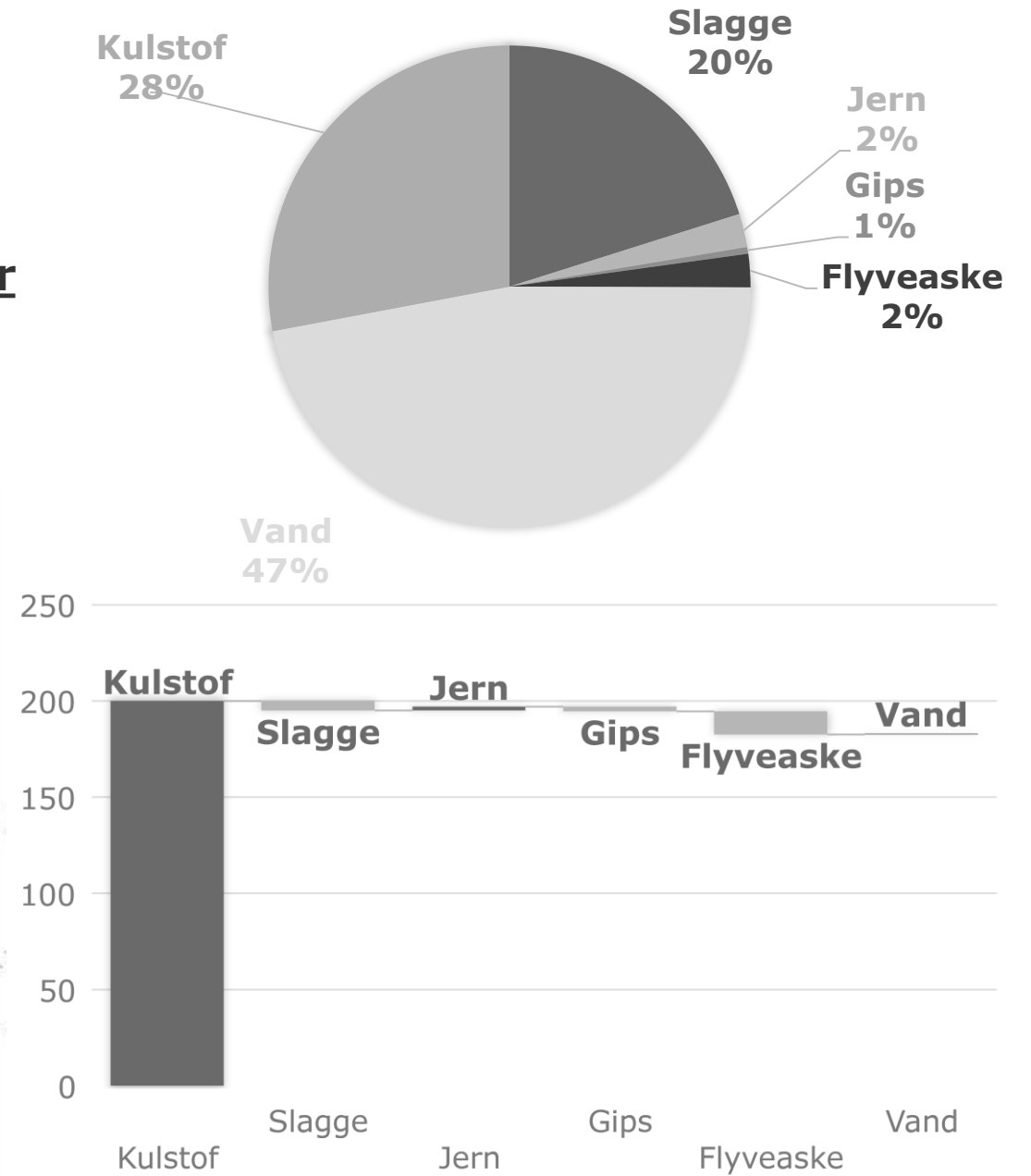
The background image shows a large industrial facility at dusk or night. The main building has a distinctive, perforated facade that is illuminated from within, creating a grid of glowing points. To the right, a tall, dark chimney stack rises into the sky, with a few red lights visible on its side. The sky is a mix of dark blues and oranges, suggesting the time is either dawn or dusk. In the foreground, there are some dark silhouettes of trees and other industrial structures.

Ramboll has worked on waste-to-energy projects in 45 countries, providing consulting services for 155 new units and retrofits.

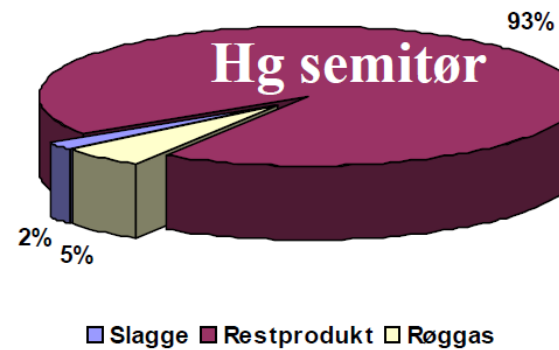
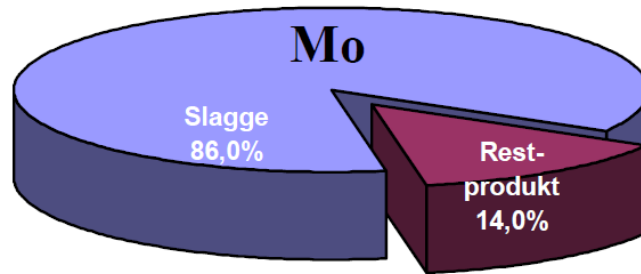
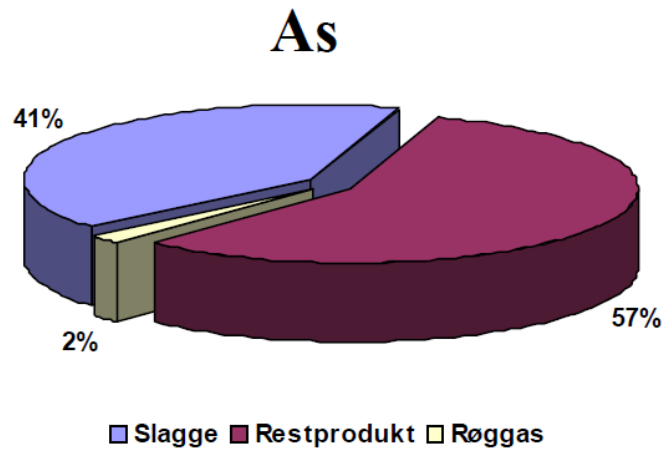
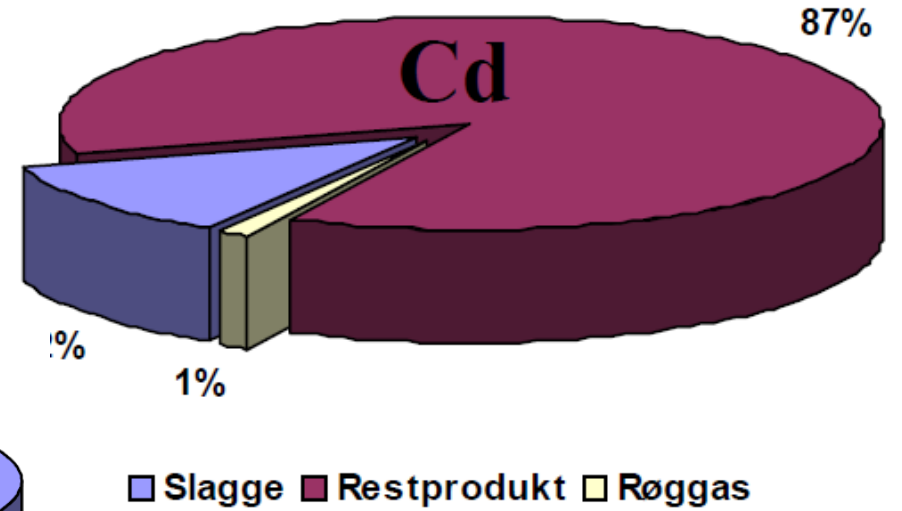
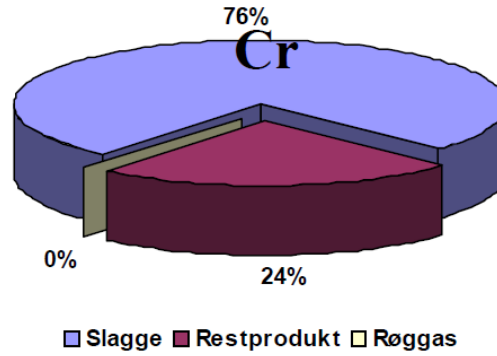
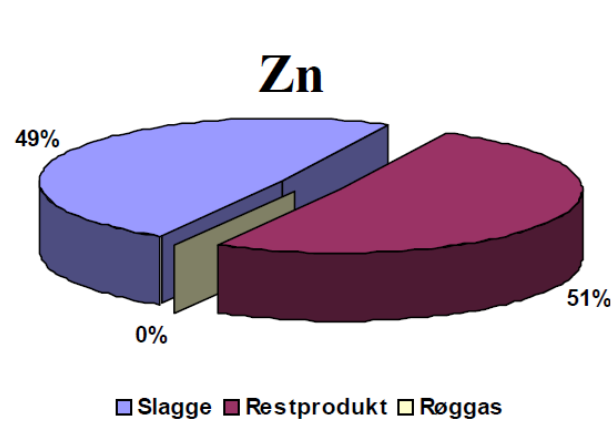
POTENTIALER

Potentialer for genanvendelse af restprodukter

- Værdi eller vægt



HVOR ER POTENTIALERNE

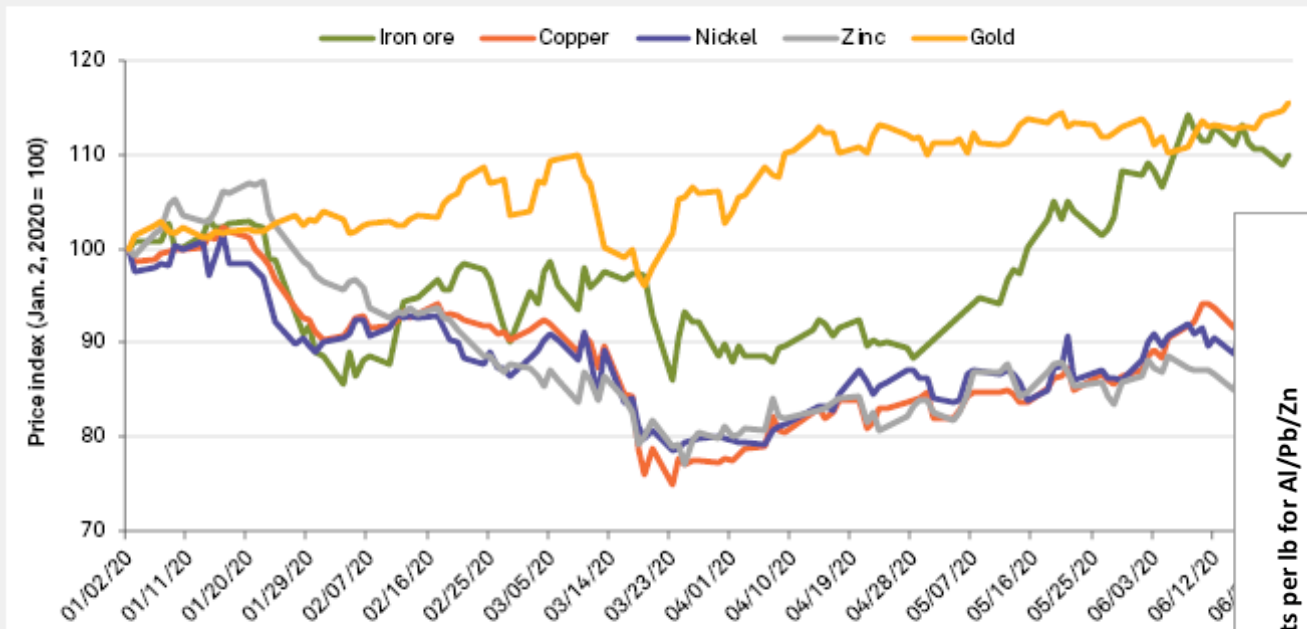


WTE HVOR ER METALLERNE

Enhed mg/kg TS	Pb	Cd	Hg	As	Cr	Cu	Ni	Zn
Slaggeanalyse								
Middelværdi	1.420	2,70	0,100	14,5	114	5.640	138	3.100
Konfidensinterval	106	0,34	0,02	1,80	39,6	679	33,6	390
Beregninger								
Flyveaske (S/F = 10,97)	1170	3,71	*	19,5	435	7450	369	4290

HVAD ER DET VÆRD ?

Resurgent Chinese demand boosts industrial metals prices



Data as of June 23, 2020.
 Precious metals prices are spot contributor, XAU, XAG, XPT, XPD.
 Sources: S&P Global Market Intelligence; S&P Global Platts; Refinitiv; London Metal Exchange

