

DAGENS PROGRAM



DAGSORDEN

30/11 2020 12:00 – 16:10

SEMINAR
SAMARBEJDE
RESTPRODUKTER
Branchesarbejde 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

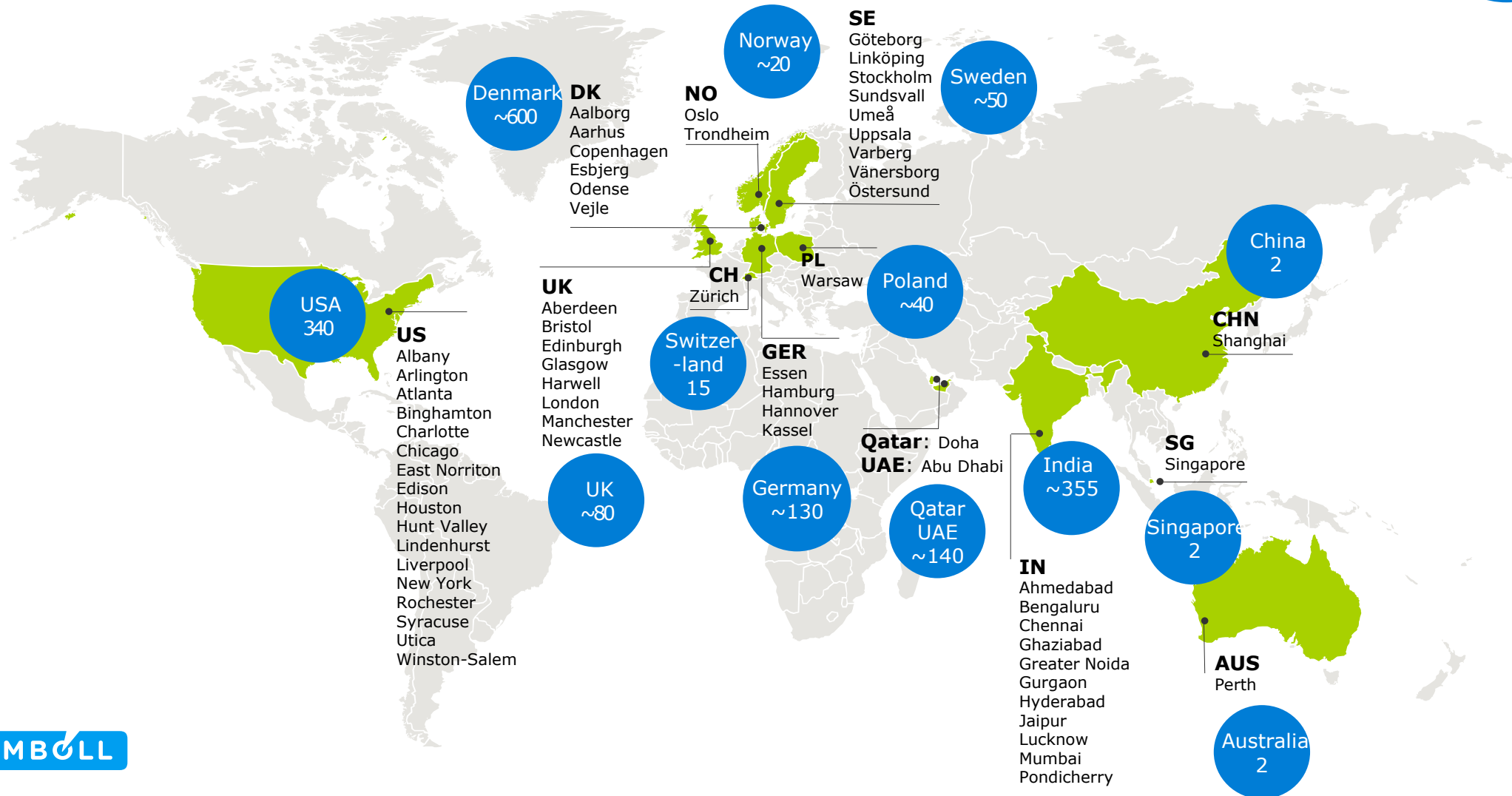
- Independent engineering, architecture and consultancy company
- Founded 1945 in Denmark
- 17,000 experts
- Present in 35 countries
- Particularly strong presence in the Nordics, the UK, North America, Continental Europe, Middle East and Asia Pacific
- EUR 1.9 billion revenue
- Owned by Rambøll Fonden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

GEOGRAPHICAL FOOTPRINT

1800 EMPLOYEES IN 14 COUNTRIES

Geography

Number of employees



WASTE-TO-ENERGY

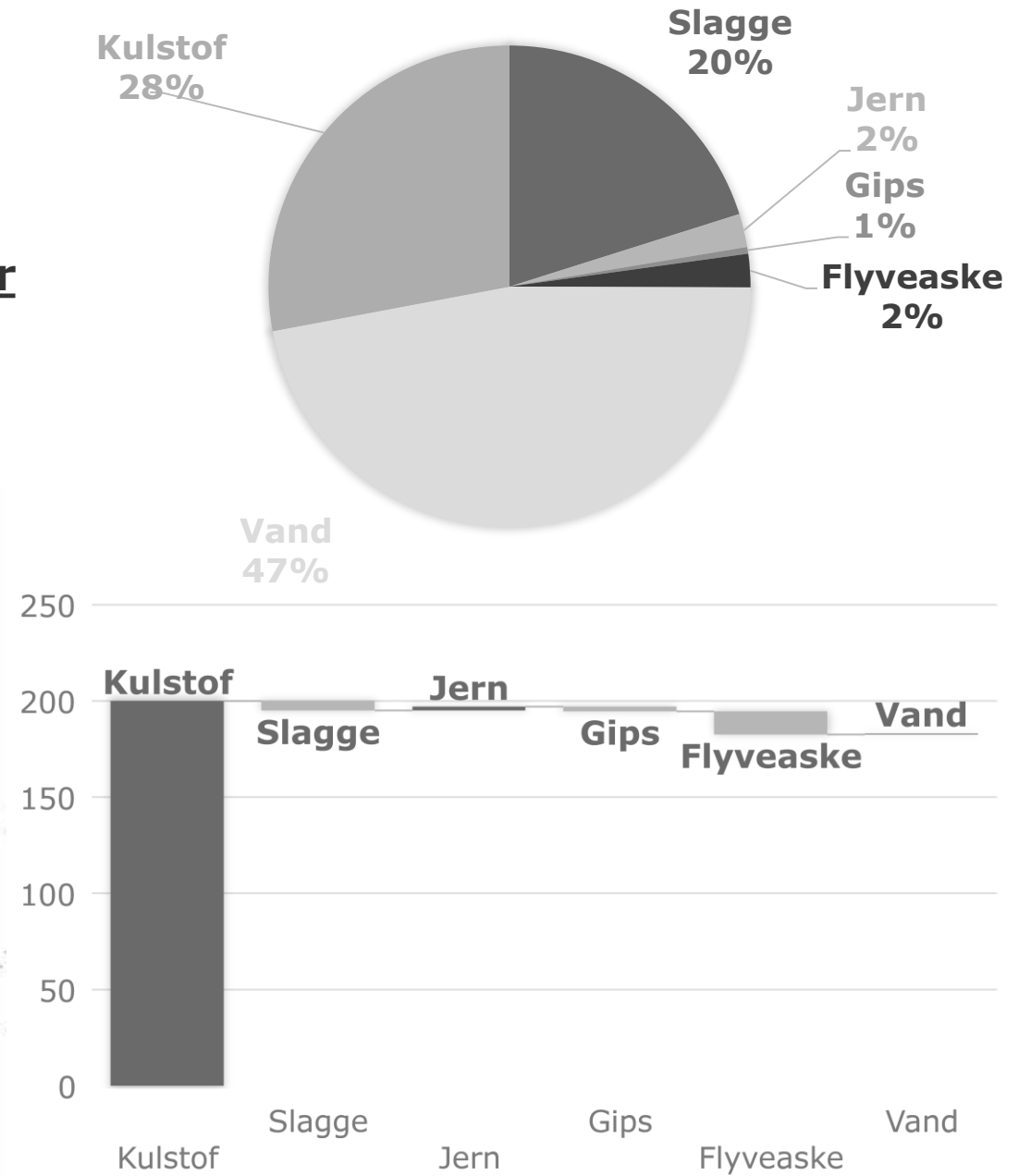
A large industrial building with a perforated facade illuminated at night, with a tall chimney stack to the right.

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

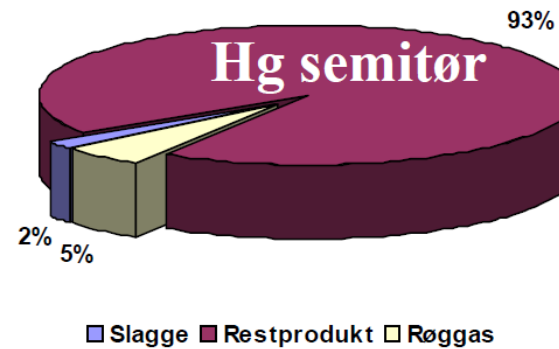
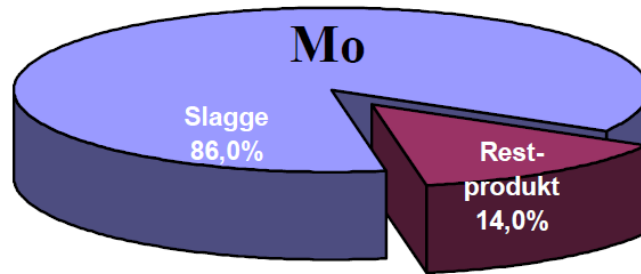
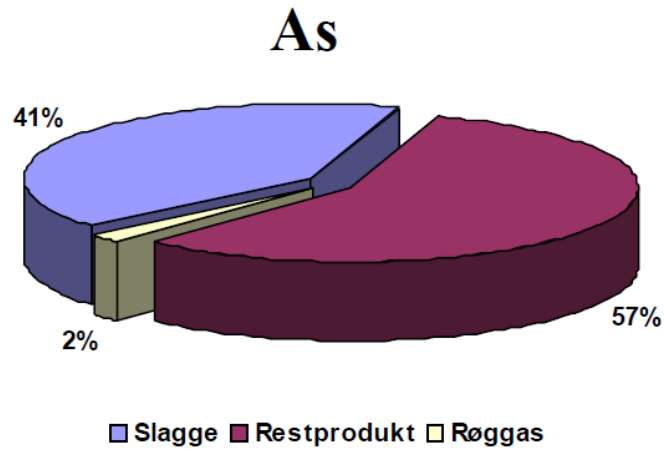
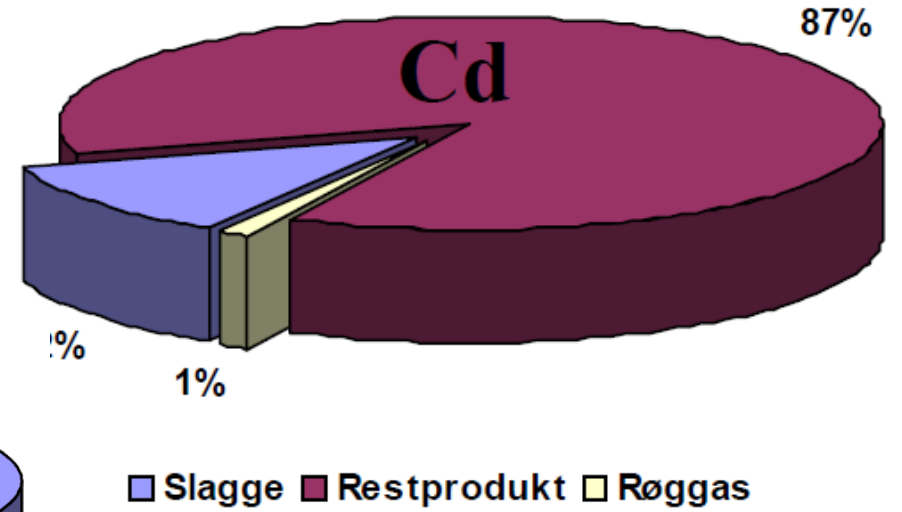
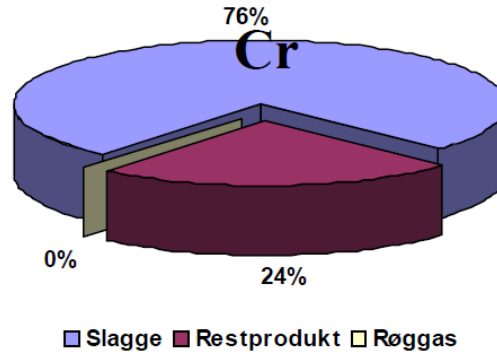
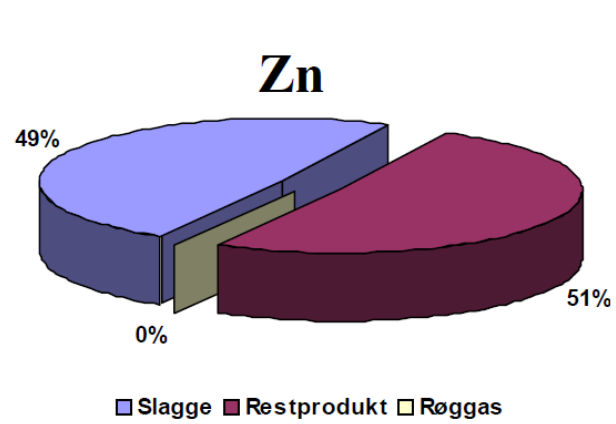
POTENTIALER

Potentialer for genanvendelse af restprodukter

- Værdi eller vægt



HVOR ER POTENTIALERNE

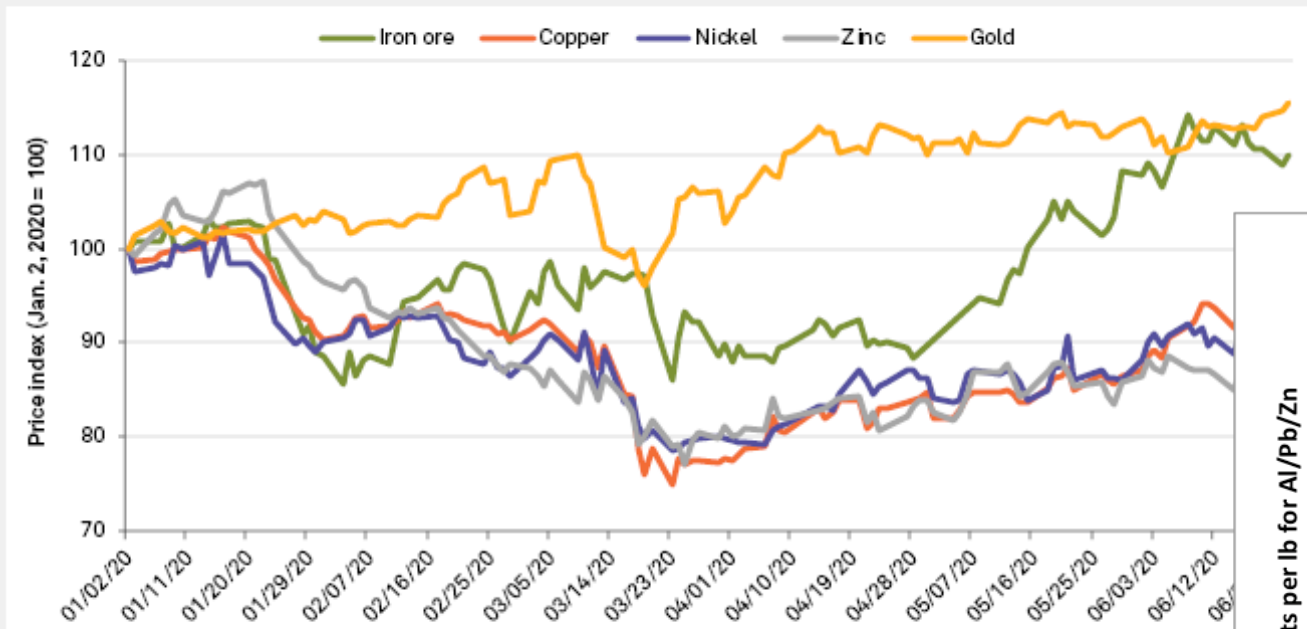


WTE HVOR ER METALLERNE

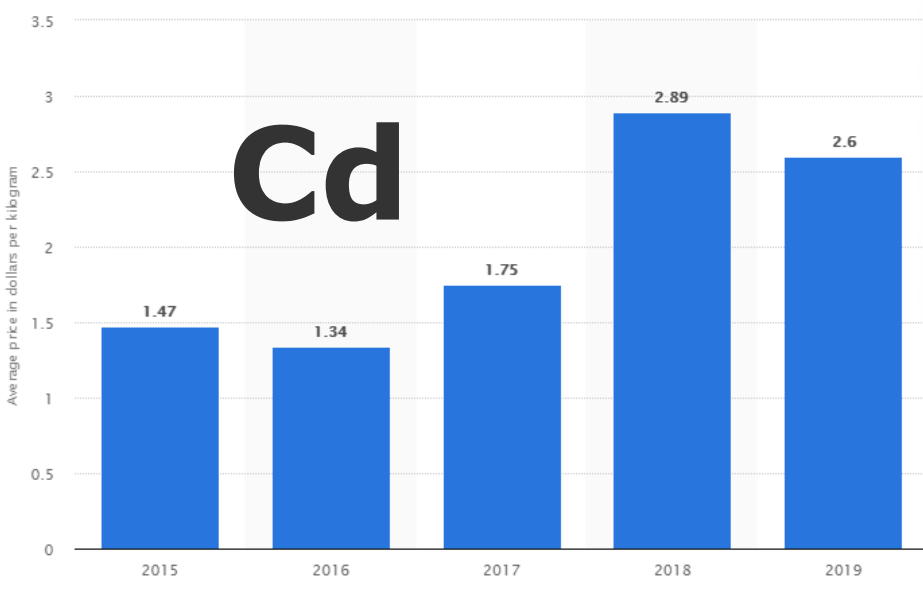
Enhed mg/kg TS	Pb	Cd	Hg	As	Cr	Cu	Ni	Zn
Slaggeanalyse								
Middelværdi	1.420	2,70	0,100	14,5	114	5.640	138	3.100
Konfidensinterval	106	0,34	0,02	1,80	39,6	679	33,6	390
Beregninger								
Flyveaske (S/F = 10,97)	1170	3,71	*	19,5	435	7450	369	4290

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



EIU Base Metals Forecasts

