



Certified reference materials (CRMs) are "benchmarks" for chemical analyses and materials testing. They ensure the reliability, comparability and traceability of measurement results in these areas.

COMAR assists testing and analytical laboratories in finding the reference materials they need.

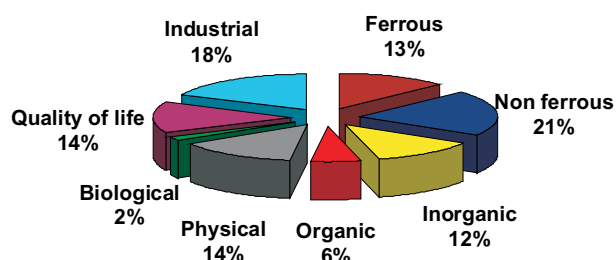
COMAR is free of charge accessible via the internet: <http://www.comar.bam.de>

COMAR provides the following information:

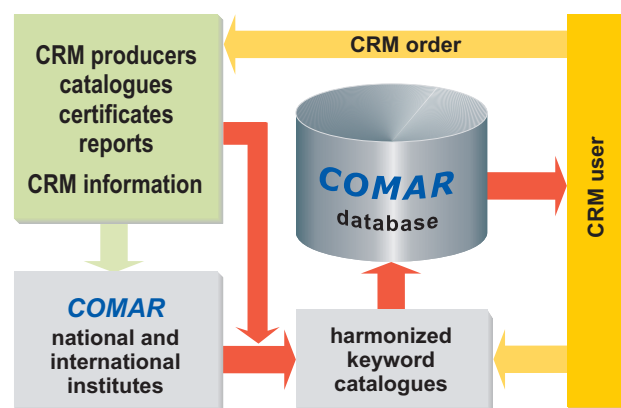
- CRM name and producer's address
- CRM description (e.g. intended use, packaging form, storage conditions)
- certified properties
 - chemical composition (element or molecule content) ~ 8900 CRMs
 - physical properties (e.g. activity, density) ~ 2500 CRMs
 - conventional properties (e.g. flash point, hardness) ~ 350 CRMs
- certificate, report

COMAR includes information on about 11500 CRMs from 220 producers in 25 countries.

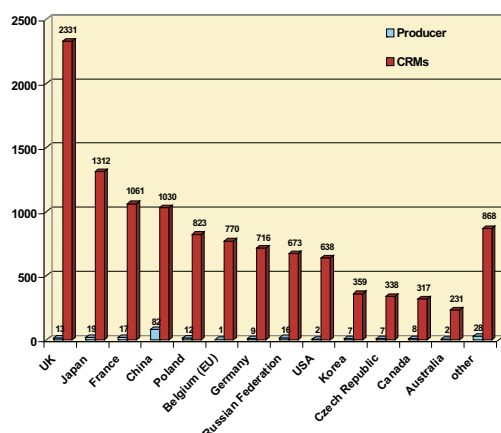
CRM distribution by fields of application



COMAR information management



Number of CRMs and producers by countries



COMAR is a non-governmental cooperation based on a Memorandum of Understanding of the following national and international institutions:

BAM	COMAR secretariat	Germany
BelGIM	Belarus	NIM China
CANMET	Canada	NITE Japan
CENAM	Mexico	NMi The Netherlands
CMI	Czech Republic	NMIA Australia
GUM	Poland	NPL India
IRMM	EUROPEAN UNION	SAMTS Bulgaria
INMETRO	Brazil	SMU Slovakia
KRISS	Republic of Korea	SP Sweden
LGC	United Kingdom	UNIIM Russian Federation
LNE	France	

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