

COMAR



the international database for certified reference materials

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.

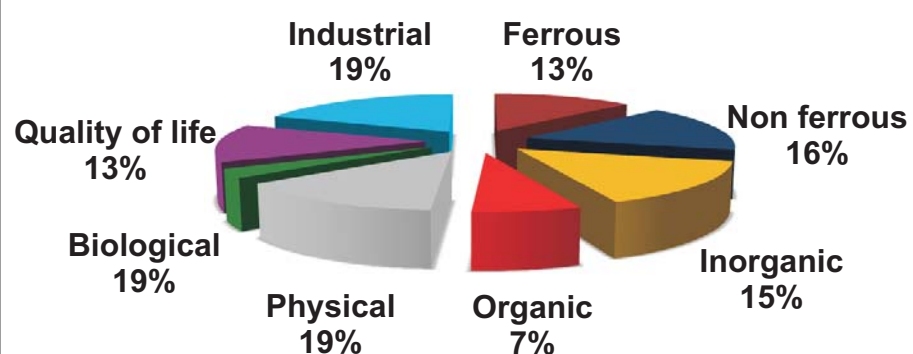
COMAR is free of charge accessible via the internet: <http://www.comar.bam.de>

COMAR provides the following information:

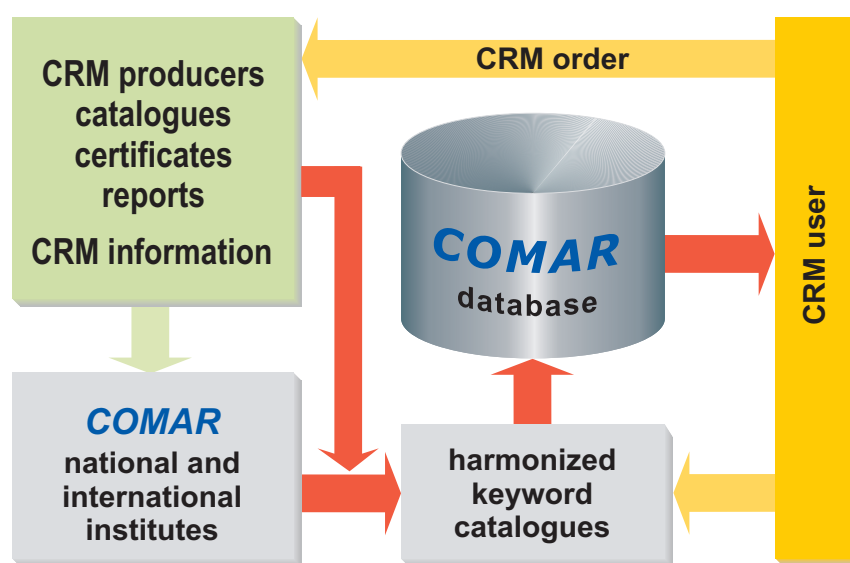
- CRM name and producer's address
- CRM description (e.g. intended use, packaging form, storage conditions)
- certified properties
 - chemical composition (element or molecule content) ~ 7900 CRMs
 - physical properties (e.g. activity, density) ~ 1900 CRMs
 - conventional properties (e.g. flash point, hardness) ~ 450 CRMs
- certificate, report

COMAR includes information on about 10200 CRMs from 220 producers in 25 countries.

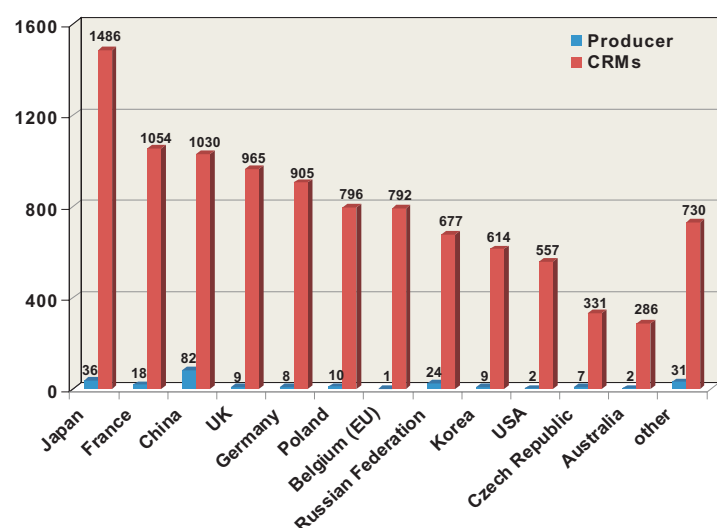
CRM distribution by fields of application



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	LGC	United Kingdom
BIM	Bulgaria	LNE	France
CANMET	Canada	NITE	Japan
CENAM	Mexico	NIM	China
CGL	Mongolia	NMIA	Australia
CMI	Czech Republic	NMi	The Netherlands
GUM	Poland	NPL	India
INMETRO	Brazil	SMU	Slovakia
IRMM	European Union	SP	Sweden
KRISS	Republic of Korea	UNIIM	Russian Federation

Contact **COMAR** secretariat: comar@bam.de