BAM

Bundesanstalt für
Materialforschung
und -prüfung

Sicherheit in Technik und Chemie

BUNDESANSTALT FÜR MATERIALFORSCHUNG UND -PRÜFUNG (BAM)

Center of Excellence for

Safety in Chemistry and Technology

BAM Sites

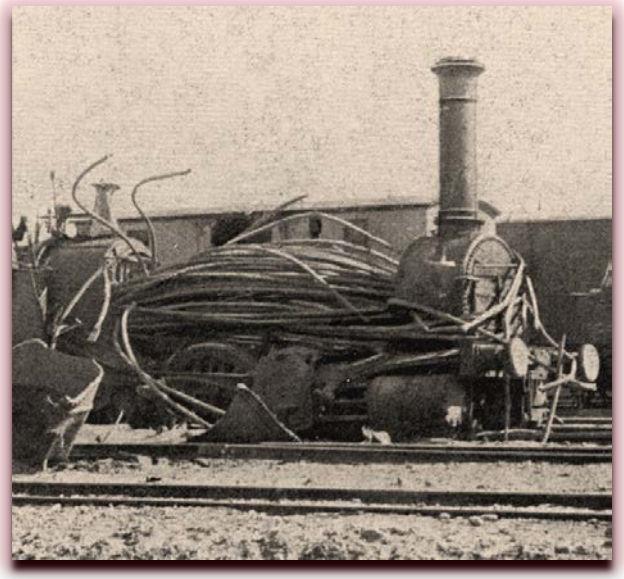

Headquarters Lichterfelde


Adlershof Site


Horstwalde Test Site


Branch Fabeckstraße

History



1871	**Preußische Königliche Mechanisch-Technische Versuchsanstalt**
1889	Preußische Zentralstelle für Explosivstoffe; Militärversuchsamt
1904	**Königlich-preußisches Materialprüfungsamt**
1919	Preußisches Staatliches Materialprüfungsamt
1920	Chemisch-technische Reichsanstalt (CTR)
1941	Reichsröntgenstelle

1954	**Bundesanstalt für mechanische und chemische Materialprüfung**
1987	Bundesanstalt für Materialforschung und -prüfung (BAM)
1995	**Integration of DDR institutions**

Mission

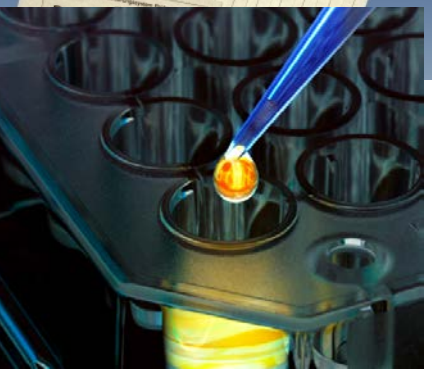
BAM

Objectives

Statutory functions relating to technical safety,
especially as regards dangerous materials and substances

Advising the federal government and industry
on safety aspects in technology and chemistry

Collaboration in developing statutory regulations,
assisting in the development of standards and technical regulations

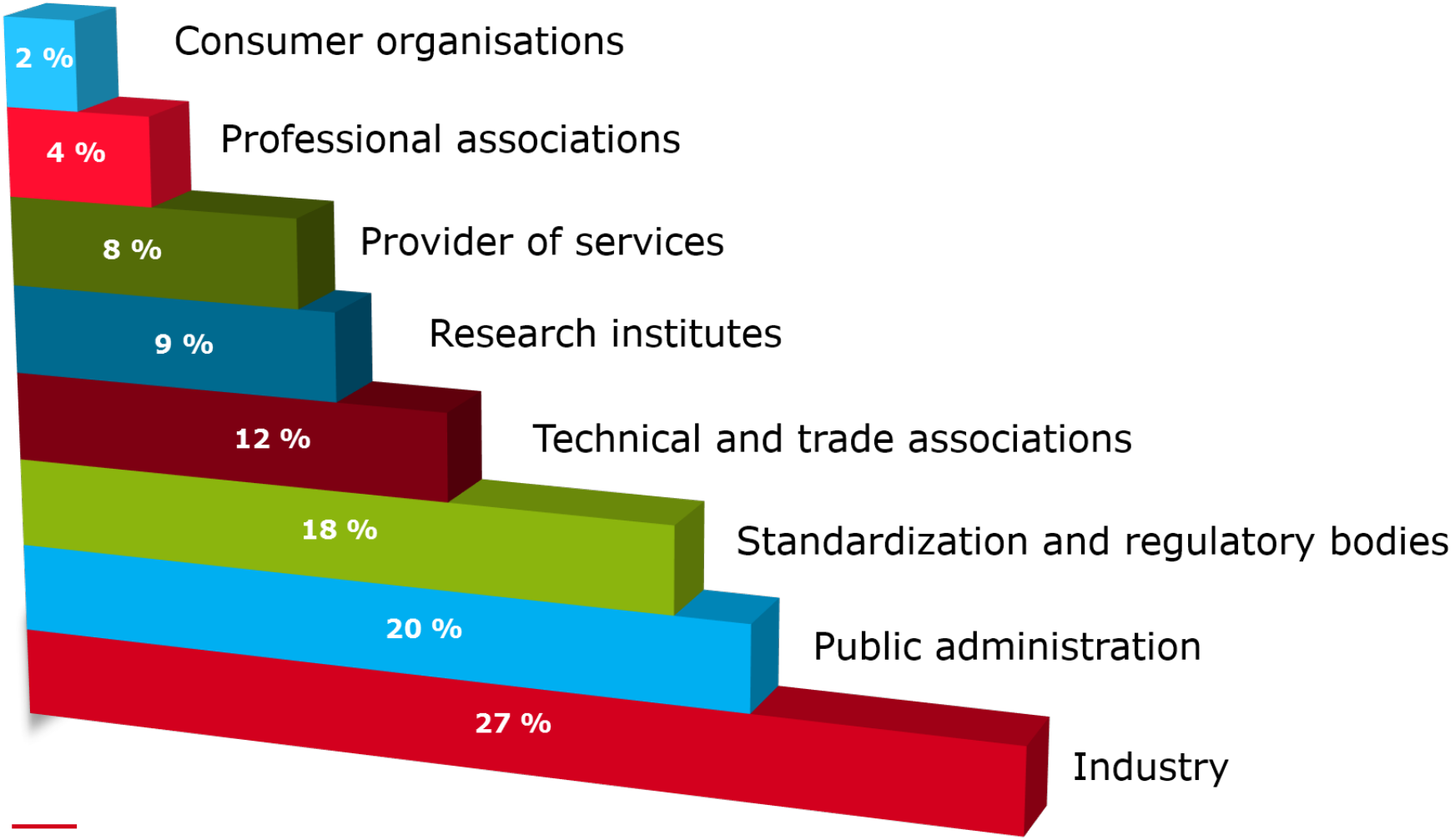


Research and Development
of reference materials and methods, in particular for chemical analysis and materials testing

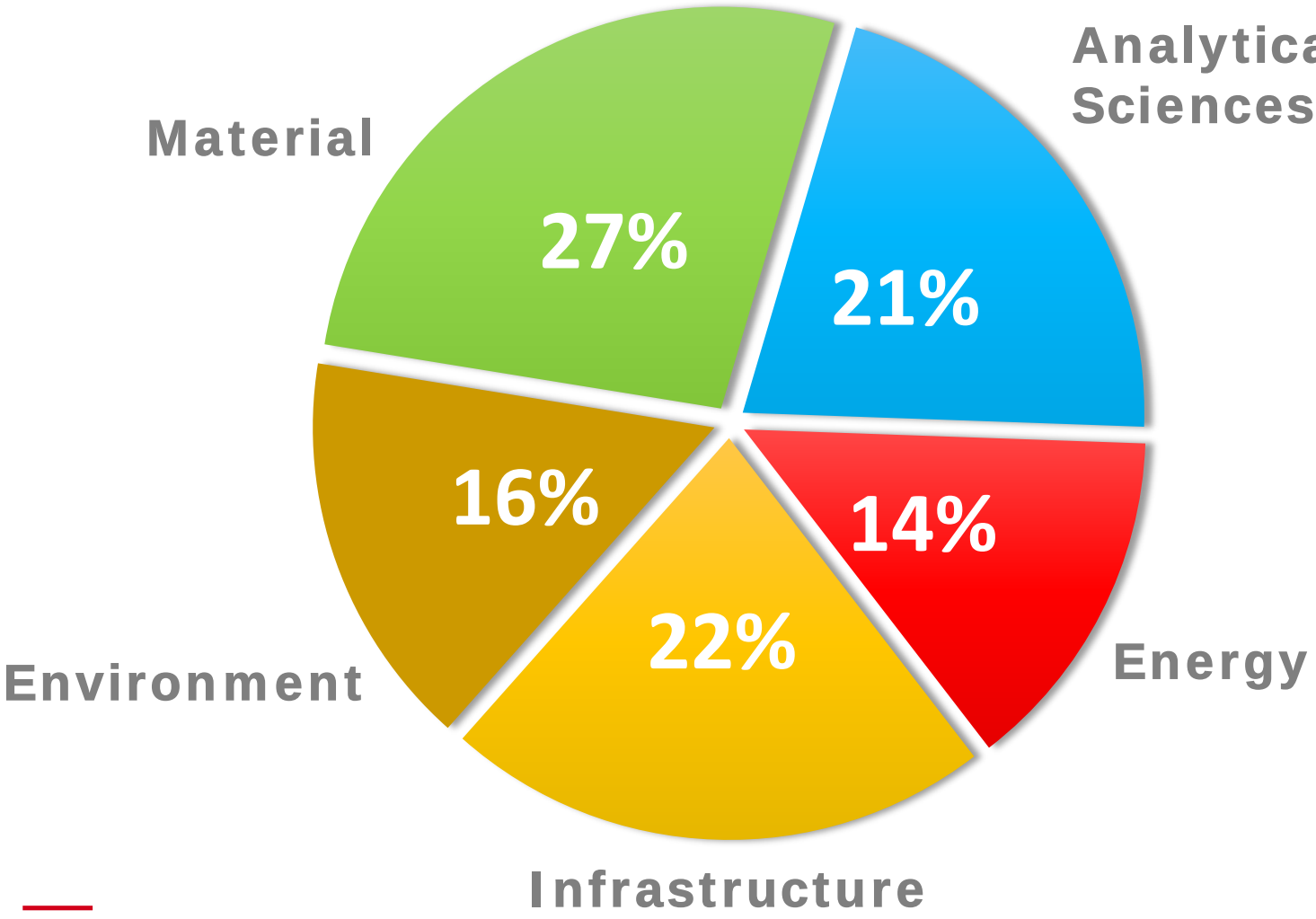
Facts and Figures

Organisation	11	Departments divided into
	64	Divisions
Staff	1660	Total, incl. trainees, postdocs, Ph.D. students
	1060	Permanent employees
Budget (M€)	135.5	basic funding by the government
	17.0	third-party funds
	10.0	fees passed to the government
Output	900	Total no of publications
	1400	Lectures, presentations, courses
	6000	Test reports, certificates
	1300	National & international committees
	200	Statutory and regulation committees
	570	Standardisation committees (e.g. ISO, CEN, DIN)
	150	Teaching positions

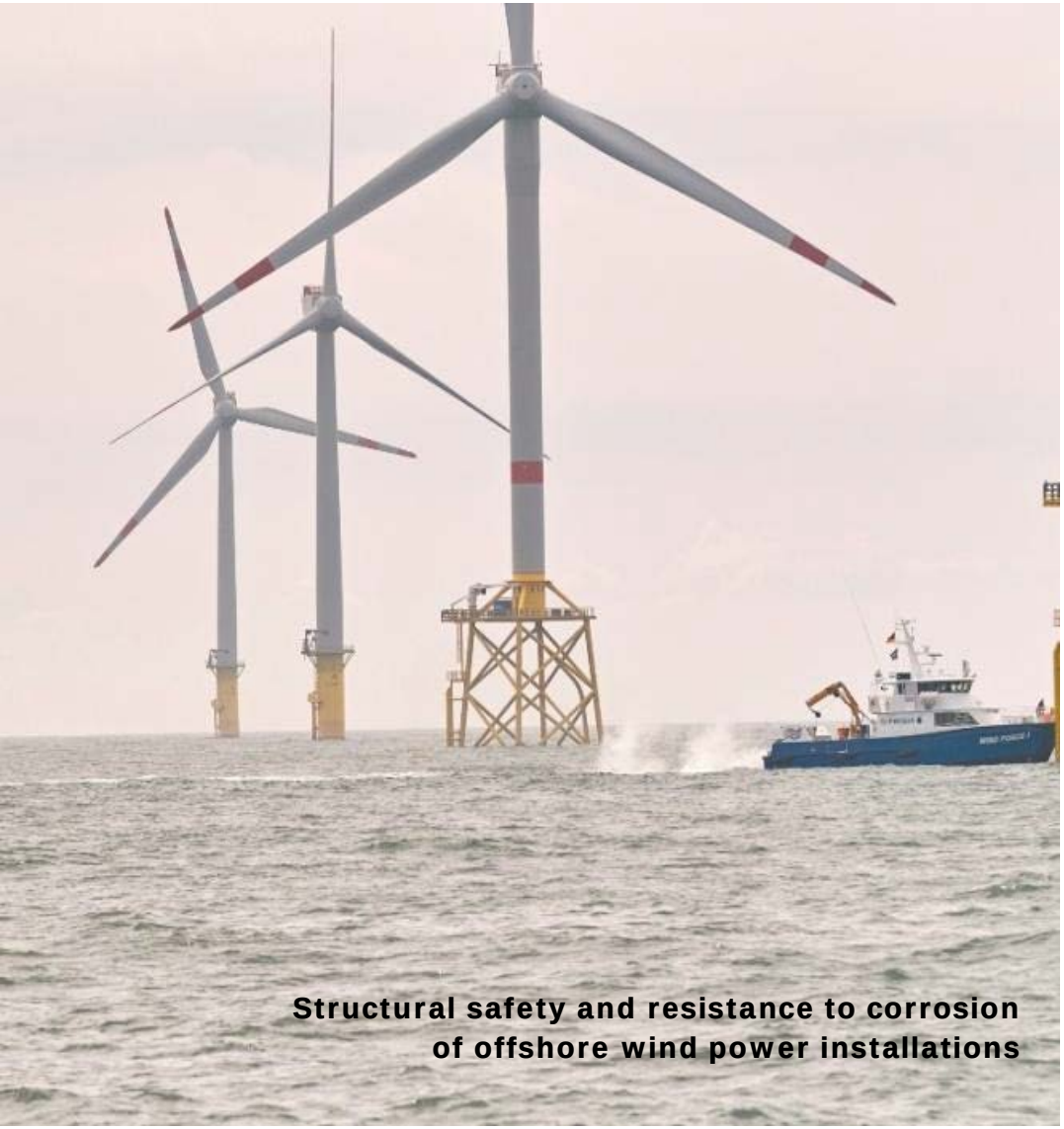
Customers and Stakeholders



Focus Areas


Material
27%
Analytical Sciences
21%
16%
14%
Environment
22%
Energy
Infrastructure

Focus Area Energy

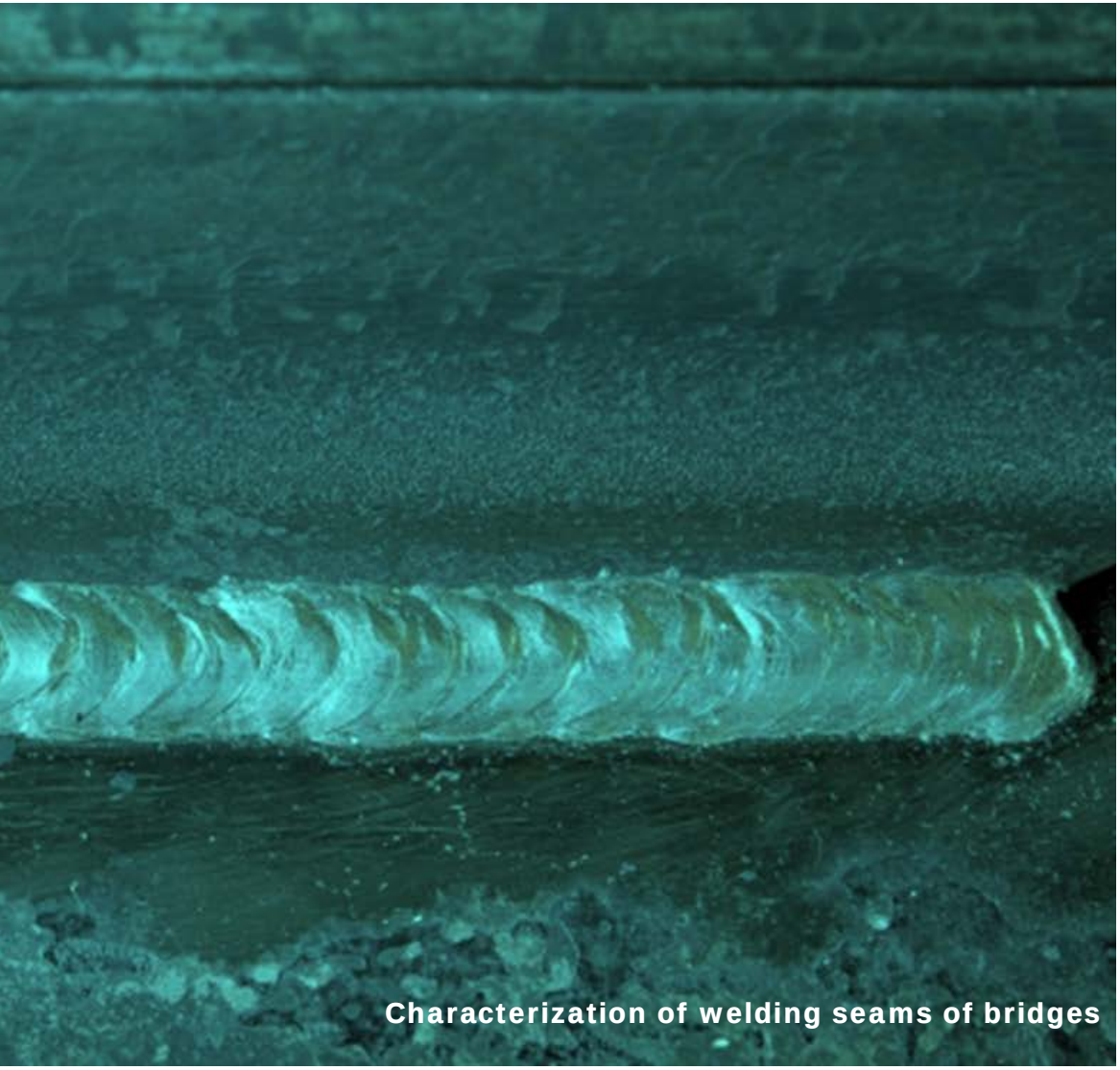


Structural safety and resistance to corrosion of offshore wind power installations

Focus Area Infrastructure

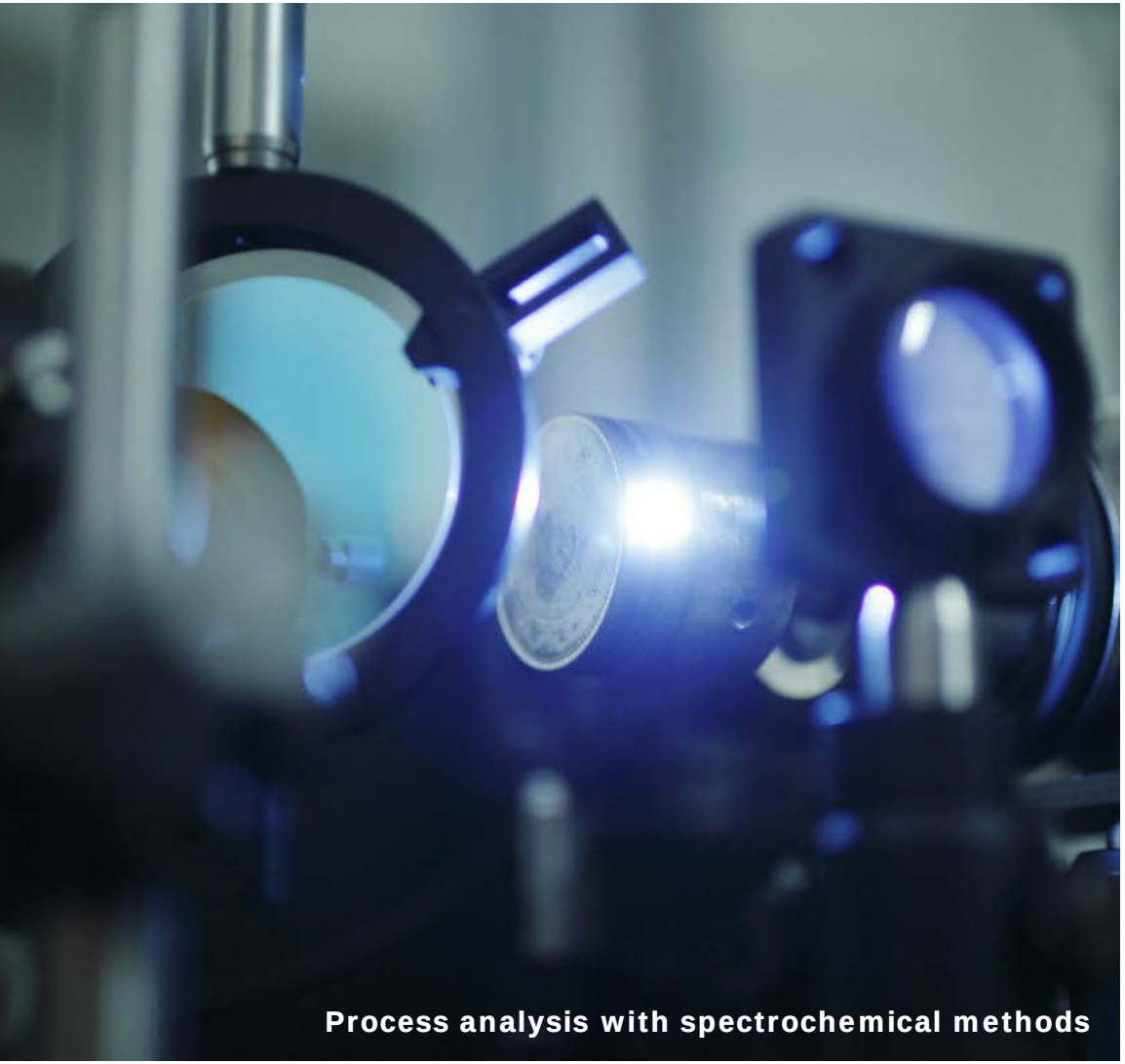
Drop test of a container for nuclear fuel rods (200 t)

Focus Area Material



Characterization of welding seams of bridges

Focus Area Analytical Sciences



Process analysis with spectrochemical methods

Focus Area Environment

Efficacy testing of wood preservatives against termites

Education and Outreach









Welcome @ BAM