

mit Sicherheit vorn



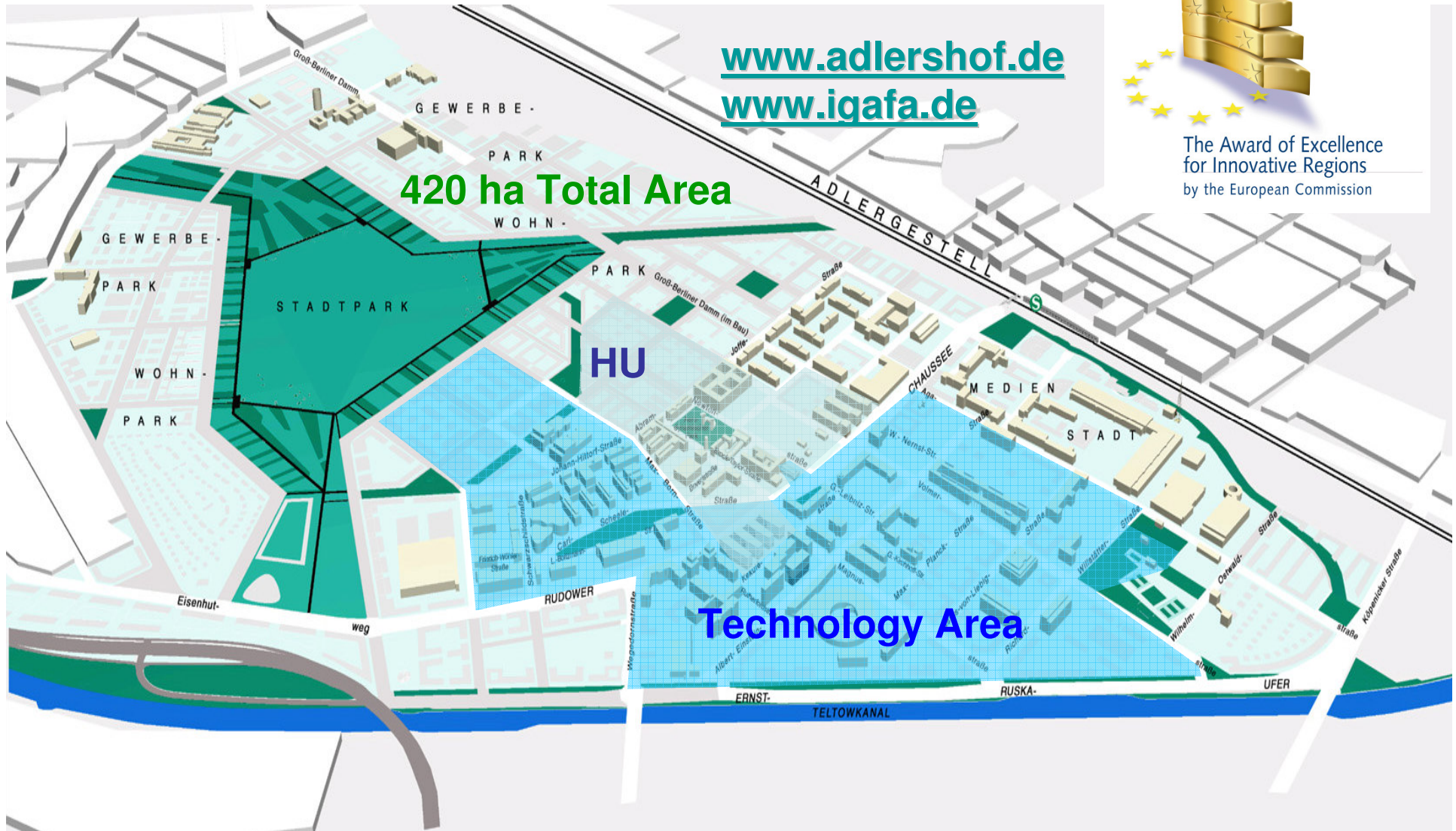
Ulrich Panne

Instrumentelle Analytische Chemie,

Humboldt Universität zu Berlin &

BAM Bundesanstalt für Materialforschung und –prüfung

# Berlin Adlershof – City of Science, Technology and Media



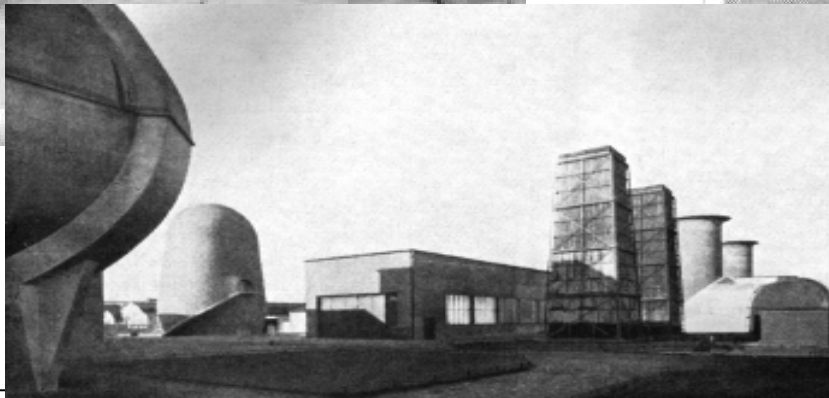


# History – the early years



1909 First airfield for motorised aircraft in Germany (Johannisthal)

1912 Founding of the *Deutsche Versuchsanstalt für Luftfahrt e.V.*



### Folie 3

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**S7** Geschichte und Entwicklung "Langfassung" insgesamt 3 Seiten  
Schmidt; 21.09.2004

**PS5** Achtung dies ist Folie 1 von 3 Geschichtsfolien !

Es folgt als 4. Folie die Geschichte Adlershofs auf einer Folie.

Bitte bei Bedarf die entsprechenden Folien AUSBLENDEN  
Sekretariat; 16.02.2007

# Berlin-Adlershof Status 2007



- 12 Non-university research institutions
  - ca. 1,477 staff, 795 scientists
  - (2005: ca. 135 Mio. € incl. 17 Mio. € Berlin)
  - per annum: 700 publications; 400 conference talks; 50 patents
  - 2005: 150 long-term guests from 30 countries
- Humboldt University
  - presently: Informatics, Mathematics, Chemistry, Physics, Geography, Psychology
  - ca. 130 professors, 600 staff, ca. 6,600 students
- 793 Companies
  - 4 568 staff
  - active co-operation between science and industry
- Media City
  - 124 companies (ca. 1,400 staff)
- Industrial Area
  - 171 companies (ca. 4,100 staff)

**Total staff  
Adlershof:  
13 432 in 2007**



# The Federal Institute for Materials Research and Testing in Berlin



Branch Faber  
Unter den Eichen



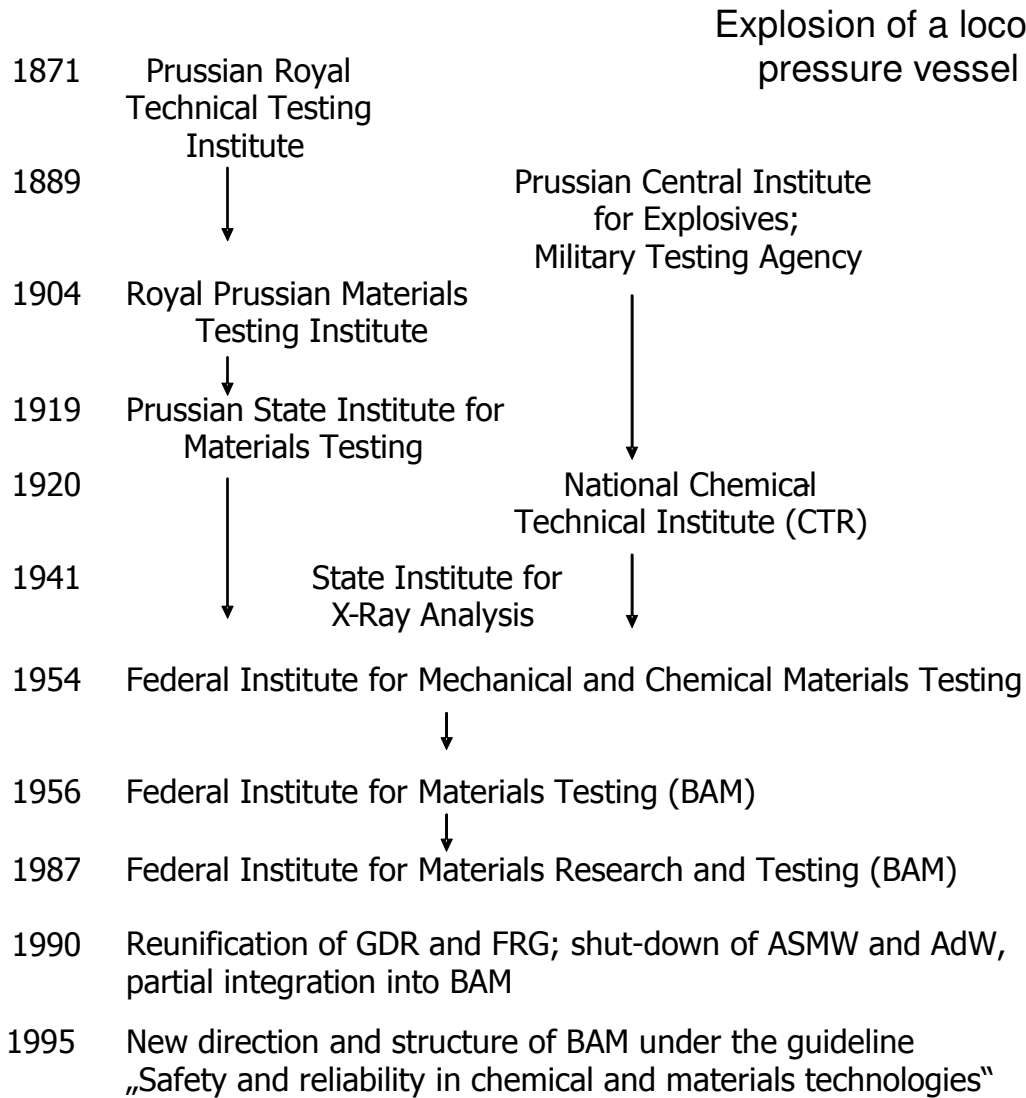
Branch Adlershof  
Richard-Willsstätter-Straße 11

Department I

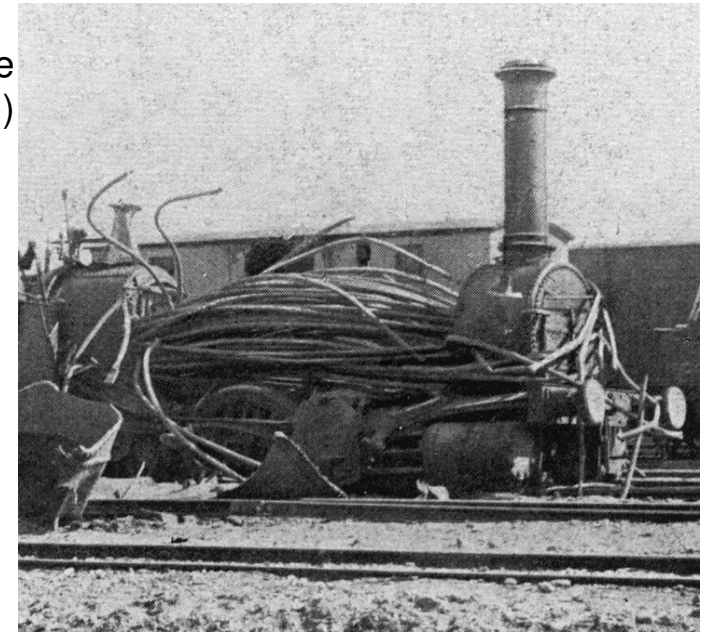
Analytical Chemistry; Reference Materials



# The History



Explosion of a locomotive pressure vessel (1871)



Agency for Standardisation, Measurement, and Quality Control (ASMW) of GDR



Academy of Sciences (AdW) of GDR



# The Profile of BAM



- **Mission**  
Promotion of the development of German economy
- **Function**  
Materials-technological and chemical-technological  
national institute
- **Guideline**  
Safety and reliability in chemical and materials technologies
- **Activities**  
Research and development  
Testing, analysis, approvals  
Consulting and information
- **Tasks**  
In the interacting fields of materials – chemistry –  
environment – safety



# Objectives Analytical Chemistry at BAM

## Method Development

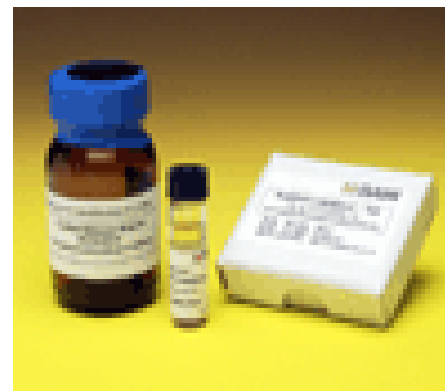
- Collaboration in technical and standardization bodies (DIN, CEN, ISO)
- Federal and national laboratories
- Analytical methods for industrial application
- 60 % R & D, 20 % Testing & analysis, 20 % Information & Advising



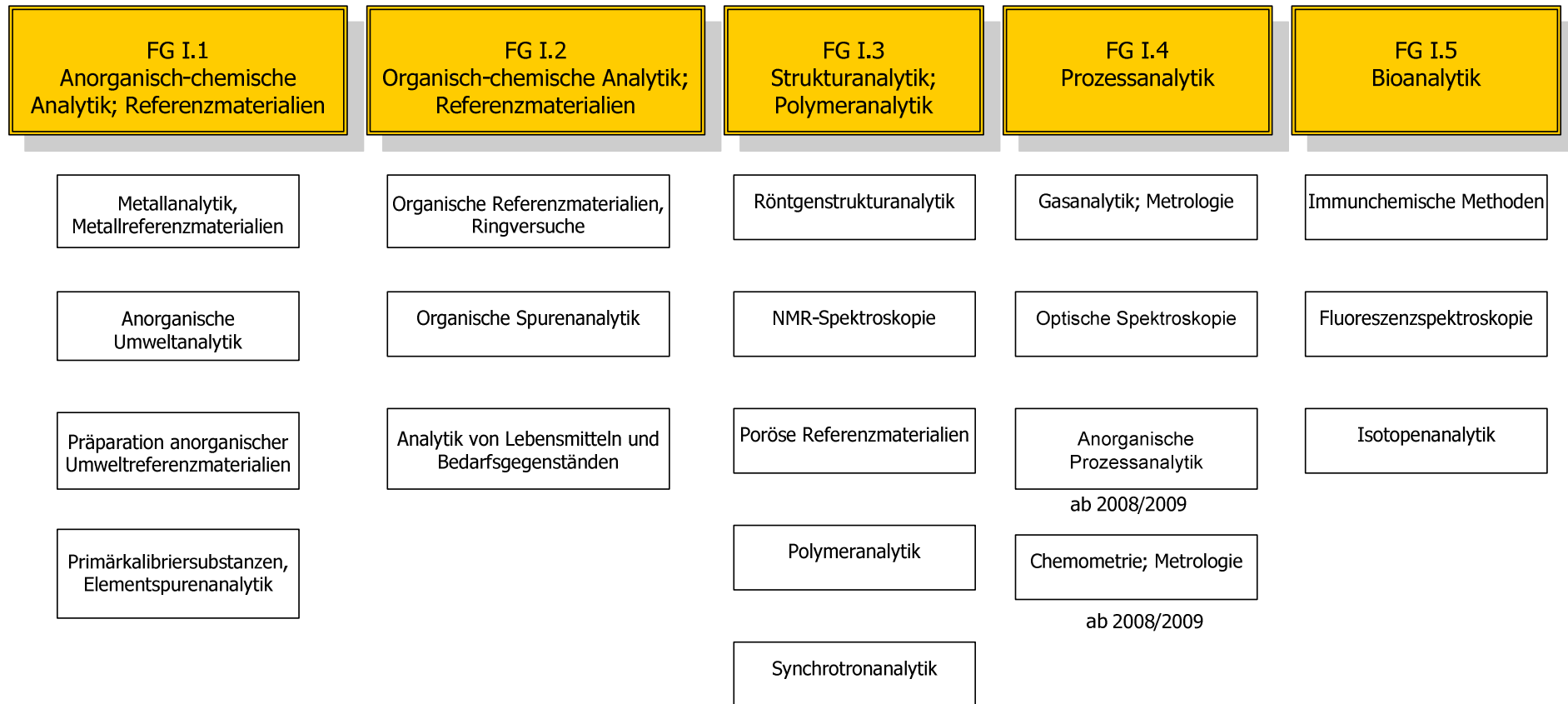
Customers: Small and medium sized companies

## Reference Materials

- Interlaboratory tests, proficiency testing
- National Network „Metrology in Chemistry“
- European initiative for reference materials „ERM“
- Supranational key comparisons, CCQM



# Aufbau der Abteilung

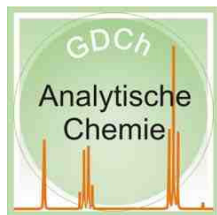


193 Mitarbeiter, 130 Dauerstellen, ca. 80 Wissenschaftler, ca. 30 Doktoranden, 10-20 Postdocs



Herzlich willkommen zur...  **BAM**

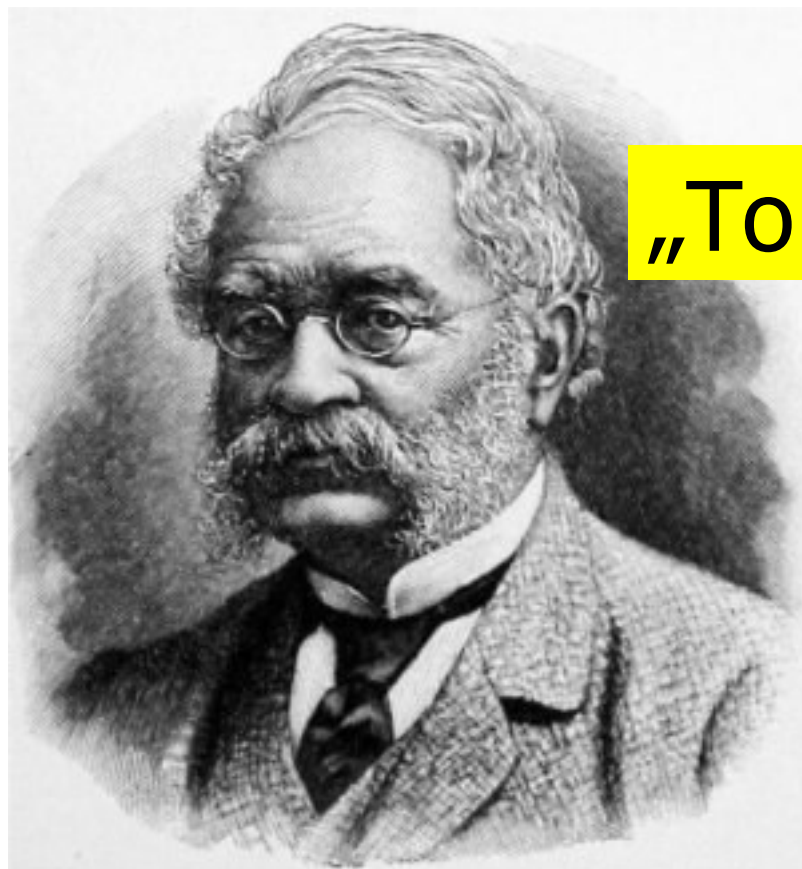
# ANAKON 2009



## Campus Berlin-Adlershof







„To measure is to know“

Werner von Siemens (1816-1892)

