



MEDA Twinning Jordan – Kick off-Meeting

MEDA TWINNING PROJECT BETWEEN THE HASHEMITE KINGDOM OF JORDAN AND THE FEDERAL REPUBLIC OF GERMANY

Strengthening of the Jordan Institution for Standards and Metrology (JISM)



Federal Ministry
of Economics
and Labour



Amman, 11. October 2005





Project Leader - MS

Prof. Dr. Hans-Ulrich Mittmann

- Head of Department “Interdisciplinary Scientific and Technological Operations” (150 staff) at BAM
- President of German Accreditation Council (DAR)
- Chair of EA working group „Training“
- More than 25 years practical experience in the field of MASTQ for various interested parties in over 15 countries, among them Saudi Arabia and Jordan



MEDA Twinning Jordan – Kick off-Meeting

BAM is

a technical and scientific senior federal authority under the auspices of the **BMWA**.

- founded in 1871
- approx. 1.500 employees
- located in Berlin
- budget about 95 Mio. €
- host of the **German Accreditation Council (DAR)**





MEDA Twinning Jordan – Kick off-Meeting

Main tasks

- Research, testing and development in the field of materials, technical safety , reliability and chemistry , development of standards
- Advice and information to authorities and industry on safety in materials and chemical technologies
- Testing, analysis and approvals in the regulated and non-regulated area
- Notified body for several EU Directives





MEDA Twinning Jordan – Kick off-Meeting

Project Partners

Project Partner from beneficiary country:



Jordan Institution for Standards and Metrology (**JISM**)

Member State Consortium:



Federal Institute for Materials Research and Testing (**BAM**)

MS-Project Leader



German Institute for Standardisation (**DIN**)

MS-Junior Partner



National Metrology Institution (**PTB**)

MS-Junior Partner



MEDA Twinning Jordan – Kick off-Meeting

What is the Project all about?



Federal Ministry
of Economics
and Labour

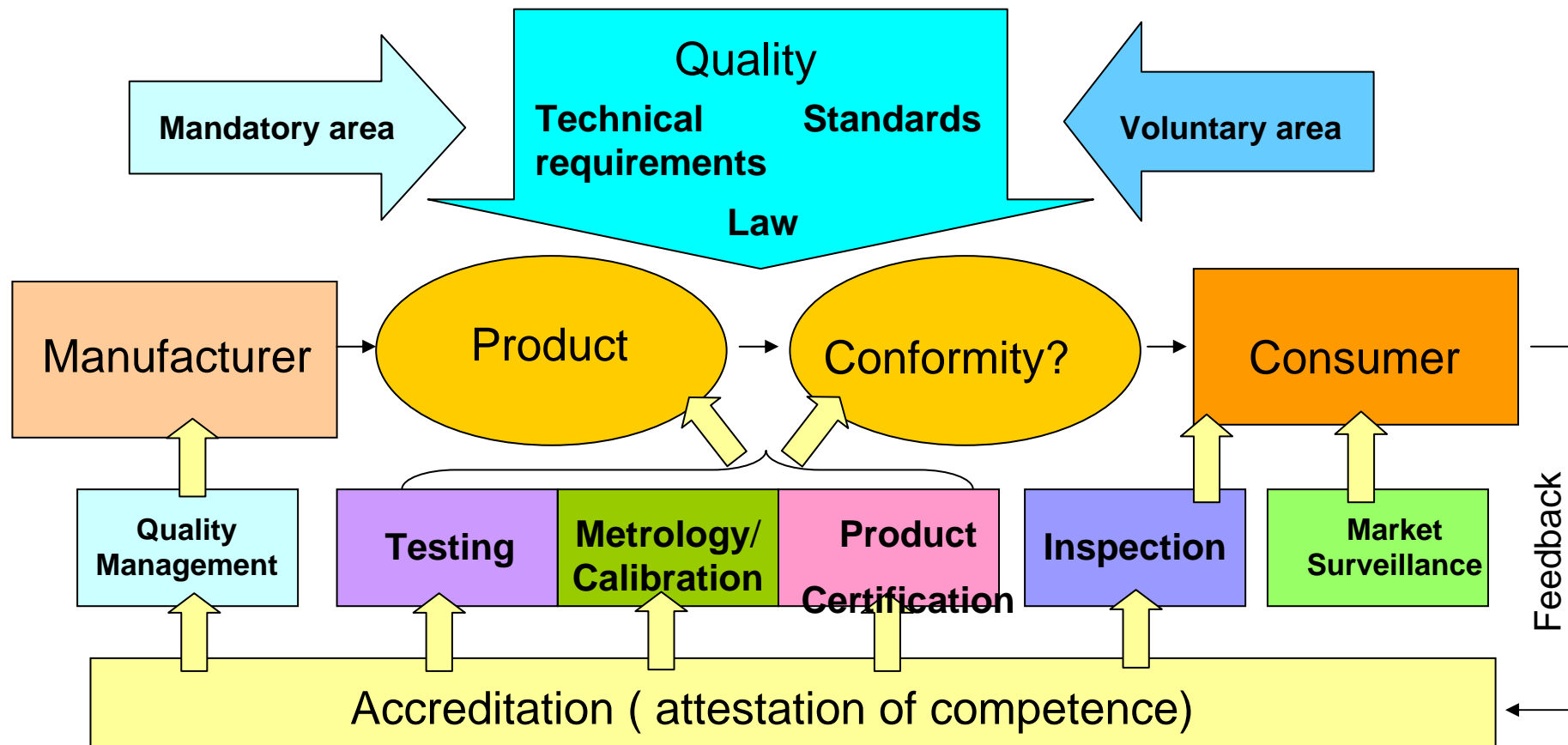


Amman, 11. October 2005





Quality Infrastructure, Conformity Assessment: MASTQ = Metrology – Accreditation - Standards – Testing – Quality Management





What is the Project all about?

Strengthening **JISM** in its capacities to fulfil the national needs and the Jordanian Government commitments within the EU-Jordan Association Agreement and the WTO related to

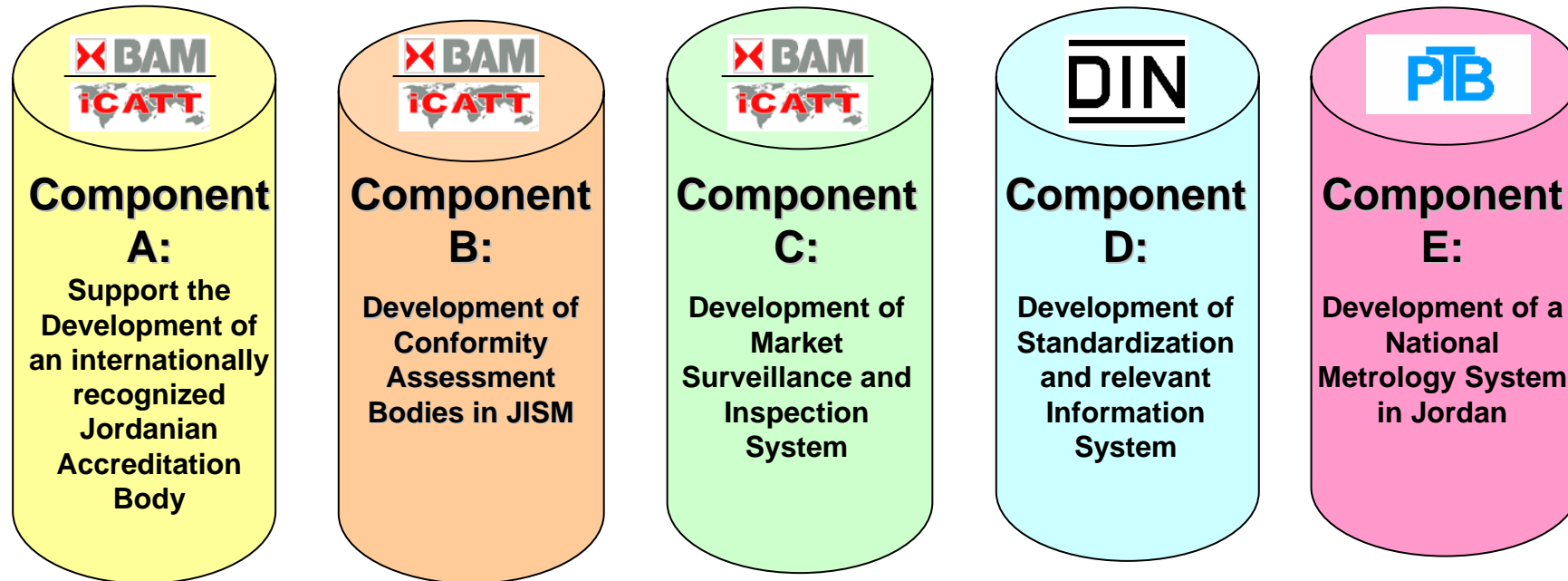
- Accreditation
- Conformity Assessment
- Standardisation
- Market Surveillance
- Metrology





Project Components

**Coordination
Controlling**





MS - Project Team

- Project Leader MS: Prof. Dr. Hans-Ulrich Mittmann
- Co-Project Leader (DIN): Thomas-Christian Kaiser
- Co-Project Leader (PTB): Kai Stoll-Malke
- Project Co-ordinator: Petra Keitzl
- RTA: Dr. Klaus Gossler

Mid term experts:

- Karl Uwe Göbel component **A**: Accreditation
- Dr. M. Scheutwinkel component **B**: Conformity Assessment
- Stephan Helmprobst component **C**: Market Surveillance
- Klaus-Peter Schulz component **D**: Standardisation
- Dr. Eberhard Seiler component **E**: Metrology

and 33 Short - term experts



General Project Data

Duration: 22 Months

Project Budget: 1,9 Mio Euro

Provided Experts in total: 39

- **RTA:** covering the whole Project period
- **RTAA:** two local RTA assistants
- **MTE:** one for each Component, each appr. 130 Man Days
- **STE:**
 - Component A: 5
 - Component B: 5
 - Component C: 8
 - Component D: 9
 - Component E: 6

In total more than 1.000 expert days



MEDA Twinning Jordan – Kick off-Meeting

MEDA TWINNING PROJECT BETWEEN THE HASHEMITE KINGDOM OF JORDAN AND THE FEDERAL REPUBLIC OF GERMANY

Strengthening of the Jordan Institution for Standards and Metrology **(JISM)**



Federal Ministry
of Economics
and Labour



Amman, 11. October 2005





Expected results

Component A

To support the development of an internationally recognised Jordanian Accreditation Body (**JAC**)

- Competence of **JAC** staff and assessors is raised in all scopes of accreditation and new accreditation schemes implemented
- **JAC** is a signatory to the Multilateral Agreement with **EA/ILAC** for laboratories
- **JAC** prepared for Multilateral Agreement with **EA/IAF**
- Website and databases for accreditation bodies and assessors improved





Expected results

Component B

To develop the capacities of **JISM**'s Conformity Assessment Bodies

- Capabilities of **JISM**'s Testing Laboratories upgraded
- Staff trained in new testing methods
- Laboratories prepared for accreditation, Olive Oil Laboratory successfully assessed
- **JISM**'s certification activities improved and published, especially for up to six **EC- Directives**; staff trained
- Legal framework developed
- Assessment of Product Certification Body successful





Expected results

Component C

To develop a Market Surveillance and Inspection System

- Compliance study of Jordanian exported and imported products
- Legal framework and master plan for the introduction and enforcement of **EC Regulations** and the market surveillance
- Development and implementation of a market surveillance concept
- Basic training of market surveillance and inspection bodies staff





MEDA Twinning Jordan – Kick off-Meeting

MEDA TWINNING PROJECT BETWEEN THE HASHEMITE KINGDOM OF JORDAN AND THE FEDERAL REPUBLIC OF GERMANY

Strengthening of the Jordan Institution for Standards and Metrology (**JISM**)

Project Presentation:

Thomas - Christian Kaiser

Co-Project Leader (**MS**)

German Institute for Standardization (DIN**)**

29 years with DIN

19 years in international consultation

Several years cooperation with JISM



Federal Ministry
of Economics
and Labour



Amman, 11. October 2005





MEDA Twinning Jordan – Kick off-Meeting

DIN is

a private association, founded in 1917, born by its 1.500 corporate members and its 25.000 experts, representing the whole German industry and economy.

Recognised officially by the German Government, **DIN** represents the German interests in supranational standardization fora and has been transferring its experience to third countries on all continents.

DIN



Federal Ministry
of Economics
and Labour



Amman, 11. October 2005

DIN

PTB



MEDA Twinning Jordan – Kick off-Meeting

DIN Deutsches Institut für Normung e. V. Member of European and International Standards Organizations



Members of DIN:

Representatives of industry, the state, trade unions, academia, consumer organizations, environmental agencies, the professions, banking and insurance

Fulltime staff of the DIN group: 665

External experts: 26.000

**Benefits for the economy: 16 billion €
(annually)**



Federal Ministry
of Economics
and Labour



Amman, 11. October 2005





Transfer expertise from DIN to JISM

- Building on **DIN**'s experience as consultative partner to **JISM** since the middle of the 90ies
- taking **DIN**'s reputation to be one of the most respected **NSB** worldwide
- DIN will develop **JISM** to become a well respected **NSB** in the Arab community and in the **MEDA** region by complying with the requirement to a modern **NSB**
- This target will be hit through the following results of the project





Expected results

Component D

To develop Standardization and a relevant Information System

- information and training on best practices for successful standardization work
- upgrading the national standardization work in correspondence with the **WTO** standards code and with **EU** practices
- Alignment of Jordanian Standards with ISO / IEC and harmonized EU-Standards





Expected results

Component D

To develop Standardization and a relevant Information System

- increased awareness of industry and the whole public for the benefits of standards
- improved efficiency of the complete standards activities by a management system
- a developed information centre reflecting the needs of the Jordanian society



MEDA Twinning Jordan – Kick off-Meeting

MEDA TWINNING PROJECT BETWEEN THE HASHEMITE KINGDOM OF JORDAN AND THE FEDERAL REPUBLIC OF GERMANY

Strengthening of the Jordan Institution for Standards and Metrology (**JISM**)

Project Presentation:

Dr. Kai Stoll- Malke

Co-Project Leader (**MS**)

National Metrology Institution (PTB)

15 years experience in metrology

9 years in technical cooperation



Federal Ministry
of Economics
and Labour



Amman, 11. October 2005





PTB is

- a global player in the world of metrology with 1750 staff members in Braunschweig and Berlin
- a national authority under the auspices of the Federal Ministry of Economics and Labour **(BMWA)**
- implementing agency for projects in technical cooperation on behalf of the Federal Ministry for Economic Cooperation and Development **(BMZ)**
- Founded in 1887 as Physikalisch Technische Reichsanstalt **(PTR)**

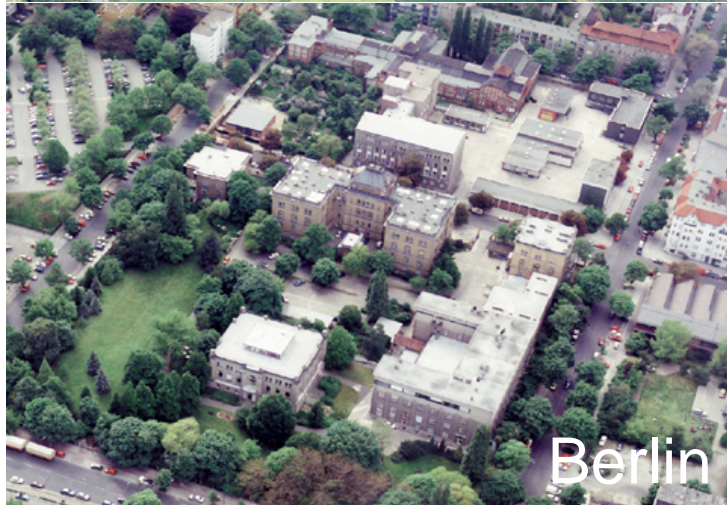
PTB



MEDA Twinning Jordan – Kick off-Meeting

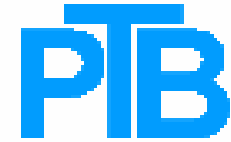


Braunschweig



Berlin

- **Mechanics and Acoustics**
- **Electricity**
- **Thermodynamics and Explosion Protection**
- **Optics**
- **Precision Engineering**
- **Ionizing Radiation**
- **Temperature and Synchrotron Radiation**
- **Medical Physics and Metrological Information Technology**
- **Scientific and Technical Cross-sectional Tasks**
- **Administration**



Federal Ministry
of Economics
and Labour



Amman, 11. October 2005

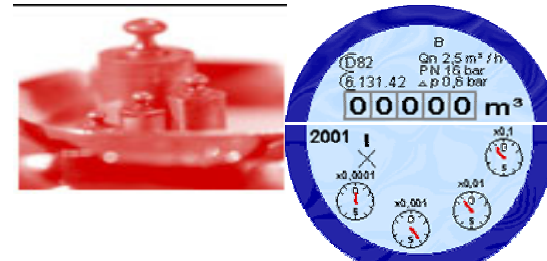




MEDA Twinning Jordan – Kick off-Meeting

Main partners:

- JISM in legal metrology



- National Calibration Laboratory in the Royal Scientific Society (RSS)



Federal Ministry of Economics and Labour



Amman, 11. October 2005





Expected results

Component E

**To develop a National Metrology System in Jordan,
in cooperation with RSS:**

- **Support the National Metrology System to provide traceability in selected fields for the conformity assessment bodies**

Benchmark:

Traceability chains are established for the most important parameters (temperature, mass, pressure, length, electrical quantities)





Expected results

Component E

- **Preparation for accreditation of the calibration laboratories for important physical quantities**

Benchmark:

Laboratories prove their technical competence, e. g. in intercomparisons or during pre-assessments

- **Establishment of the legal metrology system for priority areas**

Benchmark:

New basic services in legal metrology are provided, e. g. verification of balances, water and electricity meters





Resident Twinning Adviser (RTA)

Dr. Klaus Gossler

- Studied Chemistry, Biochemistry and clinical chemistry
- 10 years assistant in a hospital for Occupational Health
- 20 years leader of the Organic Laboratories and later on of the Central Laboratories of a leading German testing institution (LGA)
- Worked as a Laboratory trainer world-wide.
From 1984 – 1994 four times in Jordan for GTZ working as short term expert in the Residue and Formulation Laboratories in Baquaa.





Resident Twinning Adviser (RTA)

Dr. Klaus Gossler

- **Assessor for ISO/ IEC 17025**
- **Consultant for testing laboratories, certification and inspection bodies**
- **Expert in conformity assessment and market surveillance, quality management, analytical chemistry and in laboratory equipment**
- **RTA with management skills – two years RTA in a twinning project “Free movement of Goods - Market Surveillance and Conformity Assessment Bodies,” in Slovenia**





Main Tasks of the RTA

- Works on a daily basis with **JISM** staff and involved partners to implement the project
- Supports and co-ordinates activities in Jordan
- Provides technical advice
- Reporting
- Monitoring
- Administrative work





Project Coordination and Controlling

- Project management in close co-operation with **BAM**, the consortium partners **DIN** and **PTB**, and the beneficiary
- Backstopping by **BAM**
- Steering Committee: Quarterly feedback with beneficiaries
- Project Co-ordination Committee of **JISM**



Methods and Tools

- **Support on the job:**
Day- to- day consultation, common evaluation of existing documents i.e. ILAC, EU- Directives
- **Training:**
Tailored seminars / workshops / coaching / training plans
train the trainer
- **Study visits:**
Visits to study best practices
- **On-site Training:**
Joint Assessments and Witness Audits
- **Participation in international organizations & committees**
- **Addressing the interested parties**





MEDA Twinning Jordan – Kick off-Meeting

The German Team ...

DIN

PTB

 **BAM**

iCATT


... says Shukran !



Federal Ministry
of Economics
and Labour

 **BAM**

iCATT


Amman, 11. October 2005

DIN

PTB