



Bundesministerium
des Innern



Der Beauftragte der
Bundesregierung
für Informationstechnik

The State's IT and the IT Investment Programme:

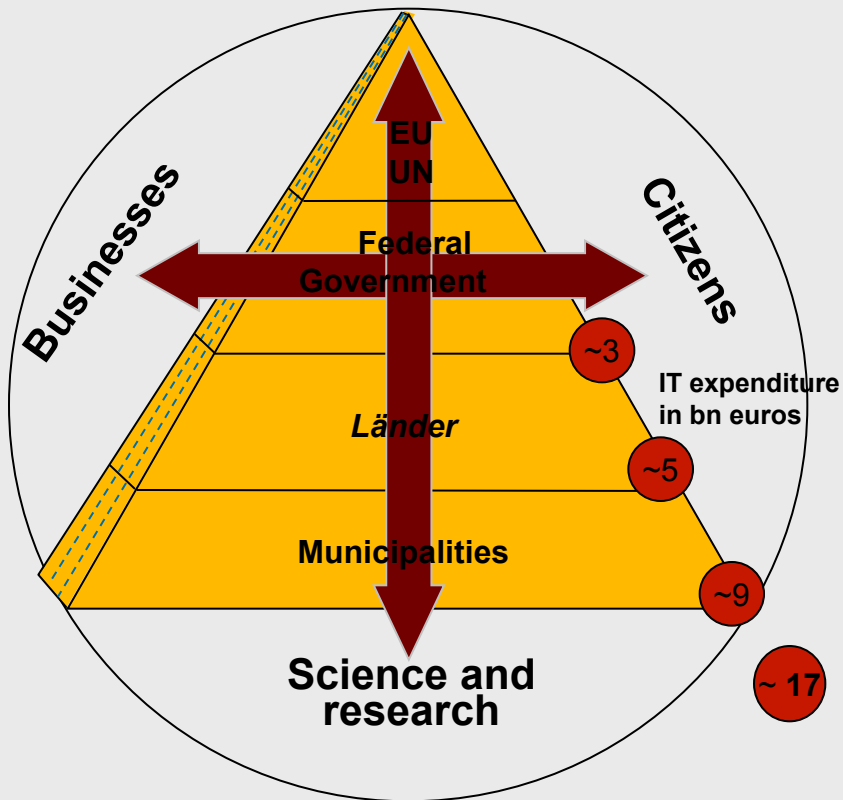
Structures, responsibilities and objectives



- 1. IT as a critical factor for successful state action**
- 2. The new IT management**
- 3. The German IT Investment Programme**



The State is the biggest IT user



- 14,500 municipalities, 16 federal states (*Länder*) and the Federal Government actively engage in e-government
- 60% of businesses and 50% of citizens use the Internet for contacting administrations
- Federal, *Länder* and local authorities spend \approx €17 bn p.a. on IT
- The public sector has a share of 20-30% in the overall IT market

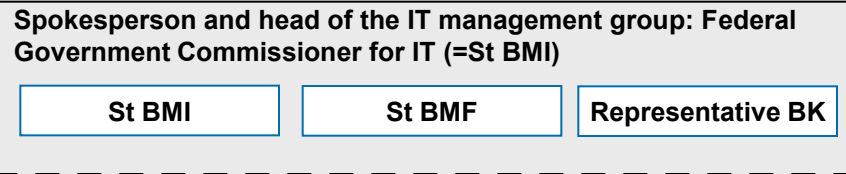


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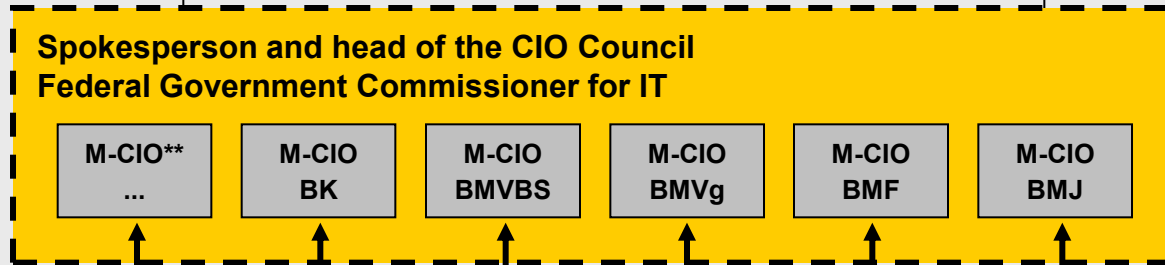


New federal IT management – Structures

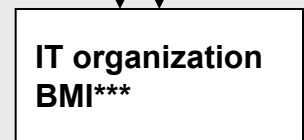
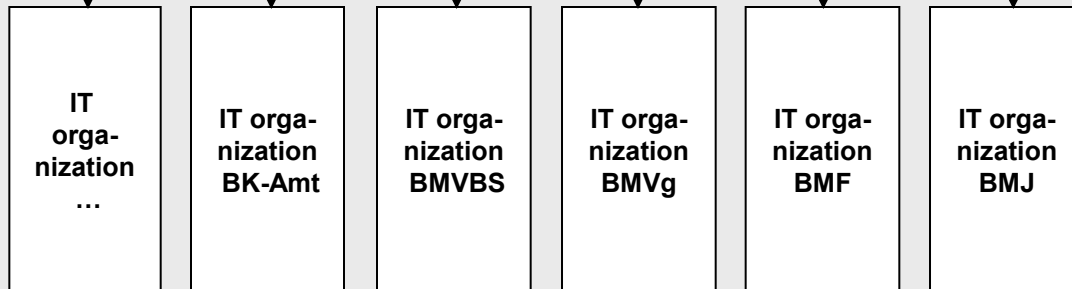
Federal IT management group



CIO Council*



Ministries



* Headed by the Federal Government Commissioner for IT

** Ministry CIO

***The Federal Government Commissioner for Information Technology is responsible for organization.



IT management at federal and *Land* level after the second stage of the reform of Germany's federal structure



- **Article 91c of the Basic Law** with implementing law on the linking network is in the parliamentary procedure; in addition, a State Treaty has been drawn up
- Cooperation between federal and *Länder* authorities: ...soon one body, the **IT planning council**, instead of KoopA ADV and Deutschland Online State Secretaries
- Railways, waterways, highways, telecommunications ... And now a linking network as the core of a common **IT infrastructure** for administrative IT networks
- Formely DIN A4, today XÖV ... in future, binding and transparent **IT standards** for electronic communication



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Background information on the German ICT sector

- Facts and figures on the Information and Communication Technology sector (ICT) in Germany as at 1 October 2009:
 - In Germany, the ICT sector consists mainly of small and medium-sized businesses, some 830,000 staff
 - Prospects for 2009: 141 billion euros = loss in revenue (concerning products and services) of 2.5 percent
 - Investments on ICT decreased in private sector area-wide
 - Forecast 2010: Economic pick-up for ICT sector: increase in revenue ca. 0.3 percent = 141.4 billion euros total revenue
 - no secure of short and middle-term financing → ICT sector must be encouraged furthermore in their capacity for innovation

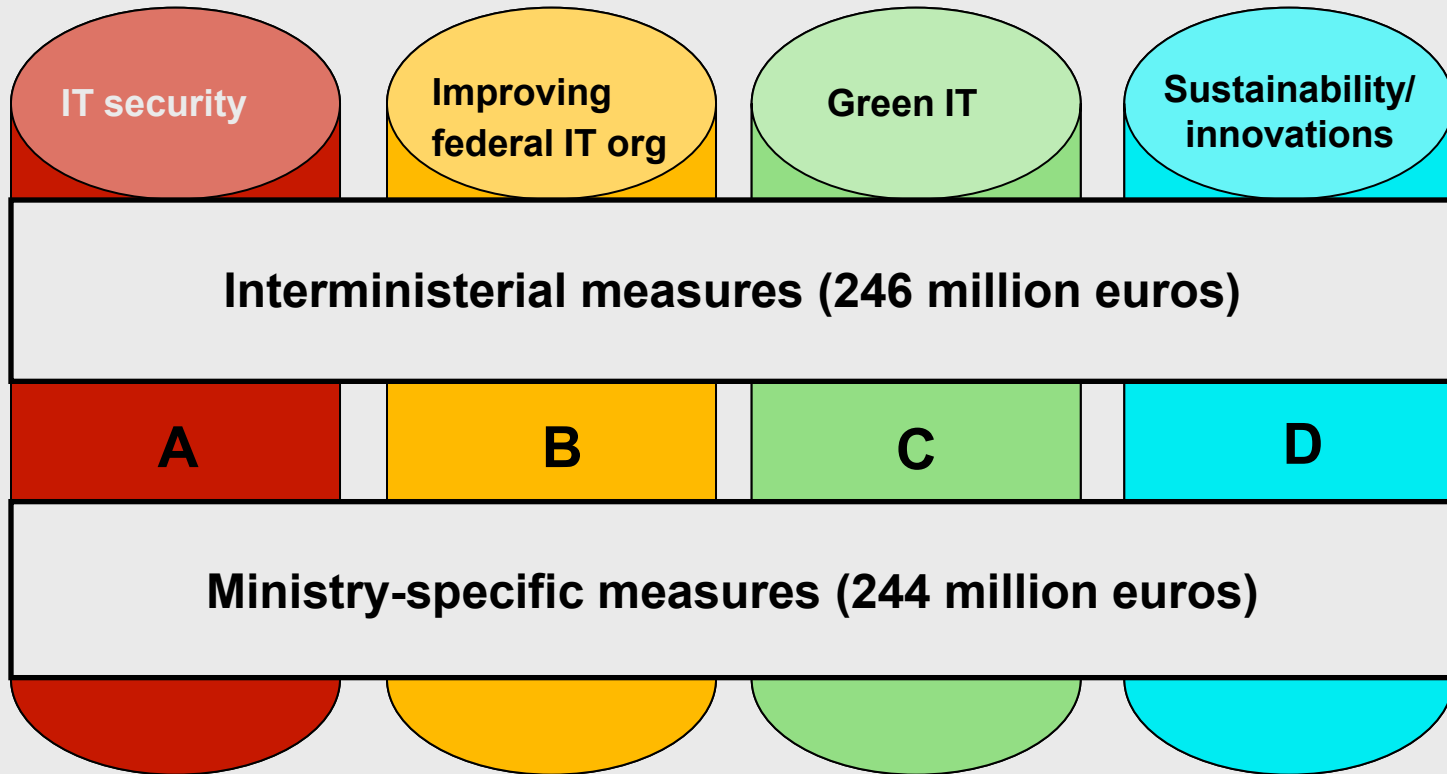


IT Investment Programme – Facts and Figures

- On 13 February 2009 the German Bundestag adopted the Act for employment and stability in Germany.
- On 20 February 2009 the Bundesrat approved the law.
- The law encompasses a package of 4 billion euros for federal investments.
- 500 million euros of this package will be used to modernize information and communications technology (ICT) → IT Investment Programme.
- The Federal Government Commissioner for Information Technology (State Secretary Beus) is responsible for managing the funds of the IT Investment Programme.



The IT Investment Programme – Structure



Further 10 million euros are available for central project management



Example in the field of Green IT

- Establishing a Green IT competence and sample data centre at two locations:
 - Modernizing and restructuring the existing data centre of the Federal Office for Information Technology at the Federal Office of Administration in Cologne
 - Building a new green data centre at the German Meteorological Service in Potsdam

- Overall budget € 24 million

- Aims: Pooling and providing expertise on Green IT in a single point within the federal administration and promoting local climate protection activities, e.g. energy-efficient IT procurement, gathering best practices



Example in the field of sustainability/innovation

- OSS projects for the entire federal administration. Individual measures include:
 - Introducing an OSS election support system at the Federal Statistical Office
 - Developing OSS to be used with the electronic ID card (responsible authority: Federal Ministry of the Interior)
 - Further developing and using OSS in the field of geodata management (responsible authority: Federal Transport, Building and Urban Affairs Administration)

- Overall budget: € 10 million

- Aims:
 - Strengthening the OSS industry (esp. small and medium-sized enterprises),
 - Increasing cost-effectiveness of the federal authority's IT because licence fees will no longer have to be paid
 - Pooling expertise: additionally establishing an OSS competence centre



Thank you for your attention!



Backup



New federal IT management – Key aspects

IT demand

- IT demand is based on **specific** requirements
- **Demand is pooled and prioritized within the ministries** across organizational levels
- **Gradual pooling of demand for basic IT** and central infrastructures

IT supply

- Gradual IT supply by **administrative service centres** (DLZ IT)
- **Coordination of IT services**

Budget estimate

- **Development:**
Estimate in the budget of the ministry determined by the CIO Council
- **Operation and further development:**
Decentralized estimate in the budgets of the requesting ministries



Overview of the new legal framework (II): Art. 91c GG



- Paragraph 1:
“The Federation and the *Länder* may cooperate in planning, setting up and operating information technology systems required for the discharge of their responsibilities.”
(General clause on IT cooperation)

- Paragraph 2:
“On the basis of agreements, the Federation and the *Länder* may determine standards and security requirements necessary for communication between their information technology systems.”
(IT cooperation in the field of standardization)



Overview of the new legal framework (III): Art. 91c GG



- Paragraph 3:
“In addition, the *Länder* may agree on jointly operating information technology systems and establishing the necessary facilities.”
(Additional IT cooperation of the *Länder*)
- Paragraph 4:
“The Federation shall set up a network linking the federal and *Länder* information technology networks.”
(IT cooperation in the field of networks)



IT planning council as a new body (I)

Members, Chair:

- **Federal Government Commissioner for Information Technology** as the federal representative
- One **representative responsible for IT from each *Land***
- **Three representatives of local authorities and local authority associations** (seconded by the local authorities' national associations) and the **Federal Commissioner for Data Protection** may participate in the meetings of the IT planning council to give advice
- **The chair annually alternates** between the Federal Government and the *Länder*





IT planning council as a new body (II)

Tasks:

- **Coordinating cooperation** between the Federal Government and the *Länder* on IT issues
- Deciding on general or interministerial **standards for IT interoperability and security**
- **Managing e-government projects** assigned to the IT planning council by the conference of federal and *Länder* heads of government
- Planning and enhancing the **linking network**

Tasks based on **majority decisions!**

