e-Transformation Turkey Project

State Planning Organization

March 17, 2005
Interoperability and Metadata Workshop
Ankara, Turkey
AGENDA

- Background Info
- External and Internal Change Dynamics
- Overview of e-Transformation Turkey Project
- Information about Interoperability Studies
Economic and structural changes in 1980’s
- Telecommunications infrastructure modernization
- Computer usage
- ICT investments (governments and business)
  - Telecommunication Infrastructure Investment leader among OECD Countries (1993 – 1.2 billion USD)
Information Society Studies / Initiatives
- 1998, eCommerce Council
- 1999, TUENA, Information Infrastructure Master Plan
- 2001, eTurkey Initiative
- 2003, e-Transformation Turkey Project
Where Turkey Stands in e-Transformation?

- Global Information Technology Report (World Economic Forum)

<table>
<thead>
<tr>
<th>Rank</th>
<th>2003-04</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USA</td>
<td>Singapore</td>
</tr>
<tr>
<td>2</td>
<td>Singapore</td>
<td>Iceland</td>
</tr>
<tr>
<td>3</td>
<td>Finland</td>
<td>Finland</td>
</tr>
<tr>
<td></td>
<td>Turkey (56.)</td>
<td>Turkey (52.)</td>
</tr>
<tr>
<td>102 counties</td>
<td>104 countries</td>
<td></td>
</tr>
</tbody>
</table>
CHANGE DYNAMICS

- External Dynamics
  - European Union
  - eEurope Initiative

- Internal Dynamics
  - Increasing Demand of Society
  - New Government in 2002
  - Public Administration Reform
Urgent Action Plan

- e-Transformation Turkey Project

State Planning Organization (SPO)
- Information Society Department
  (March 2003)
To clarify the objectives and principles of the project, a Prime Minister’s Circular, dated February 27, 2003 has been issued. According to this Circular, the objectives of e-Transformation Turkey Project are as follows:
Objectives(1/2)

- Policies, laws, and regulations regarding ICT will be re-examined and changed if necessary, with respect to the EU acquis,
- participation of citizens to decision-making process in the public domain via usage of ICT will be developed,
- enhancement of transparency and accountability for public management,
Objectives (2/2)

- Through increased usage of ICT, good governance principles in government services,
- Widespread usage of ICT,
  Coordination of public IT projects in order to avoid duplicating or overlapping investments,
- Guidance of private sector.
e-TRANSFORMATION TURKEY PROJECT

Organisational Structure

Deputy Prime Minister

Executive Board
5+8

State Planning Organisation

Advisory Board

Member (41)
- Ministries and public organisations
- NGOs
- Universities

Working Groups (8)

Members
- Deputy Prime Minister
- Minister of Transport
- Minister of Industry and Trade
- Undersecretary of SPO
- Chief Advisor to the Prime Minister
- Representatives from Government Agencies and NGOs
e-TRANSFORMATION TURKEY PROJECT

- Short Term Action Plan (STAP)
  - 8 sections
  - 73 actions
  - Consistent with eEurope2005
Short Term Action Plan (STAP)

- Technical infrastructure and information security,
- Education and human resources for planning of required human capital,
- Legislation regarding regulatory and legal framework,
- e-Government for introducing electronic services to citizens without bureaucratic barriers,
Short Term Action Plan (STAP)

Sections (2/2)

- Standards for integrated and interoperable services,
- e-Health, which is one of the important thematic issues in eEurope,
- e-Commerce for the development of e-Business environment, especially for SM,
- Developing new strategies for 2010
Legislation, alignment to EU Acquis

- Digital Signature Law
- Right to Information Law
- ICT crimes in Penal Code
- Personal Data Protection (Draft)
- Electronic Communications Law (Draft)
- Secondary telecoms legislation, almost full alignment
Stand-alone applications
Lack of integration
Actions for integration

- Interoperability framework, e-government portal, unique identifier for citizens and legal entities, e-Teams, guidelines for ICT projects
INTEROPERABILITY STUDIES

- Strategic Studies
  - Usage of unique ID numbers for e-Government applications
    - Unique ID number for citizens
    - Unique ID number for legal entities
    - Unique ID number for resident foreigners
INTEROPERABILITY STUDIES

- Application Integration Studies
  - e-Signature
  - Interoperability Framework
  - e-Government Portal
  - KPS (ID Information Sharing System) function of MERNIS
INTEROPERABILITY STUDIES

- Interoperability Framework
  - Policy
  - Standards
Interoperability Framework Policy (1/2)

- Compliance with IDA Programme
  - Use of Internet
    - Equal access opportunity everyone
  - Security
  - Privacy of personal data
Interoperability Framework Policy (2/2)

- Usage of open standards
- Common standards for semantic interoperability
- Market support and wide usage of standards
- Scalability
- Transparency and participation
INTEROPERABILITY STUDIES

- Interoperability Framework Standards
  - Data Presentation and Exchange
  - Interconnection
  - Data Integration and Content Management
  - Security
  - Life-cycle standards (systems, software, security)
INTEROPERABILITY STUDIES

- Interoperability Framework Standards
  - Data Integration and Content Management
    - BPM, Data Modeling Standards
  - Use of web services and XML
INTEROPERABILITY STUDIES

- E-Government Portal
  - Project owner is Turk Telecom
  - SPO is coordinator
  - Life-event oriented
FUTURE INTEROPERABILITY STUDIES

- e-Government metadata standards
- Guidelines for ICT project proposals
- e-Government data dictionary standards
- e-Records Management Framework
- XML Schemas Repository
- Business Processes Repository
Thank you..

www.bilgitoplastumu.gov.tr

demirtel@dpt.gov.tr

Hakan DEMİRTEL
State Planning Organization

March 17, 2005
Interoperability and Metadata Workshop
Ankara, Turkey