State Planning Organization
Information Society Department

e-TRANSFORMATION TURKEY PROJECT
Short-Term Action Plan

2003-2004

October 2003

Information Society Strategy

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration / Deadline	Financial Requirement (USD)		Pro-Action No	Post-Action No
						2003 Obtained	2004 Estimated		
1	Formulating the Information Society Strategy	State Planning Organization	All Public Institutions NGOs Universities	Research Project	2004	1.000.000	2.000.000	-	-
2	Contemplating policies regarding the transformation of Turkey to a Center of Excellence in Software Development	State Planning Organization	Ministry of Finance Undersecretariat of Treasury TUBITAK NGOs Universities	Report	2004	-	-	-	-

Technical Infrastructure and Information Security

Action No	Pro- Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration / Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
							2003 Obtained	2004 Estimated		
3		Investigating measures for widespread diffusion of Internet infrastructure and usage -including broadband access- all around the country	Ministry of Transportation	Telecommunications Authority, Turk Telekom, NGOs, Ministry of National Education	Report	2003	-	-	-	-
4		Performing a preliminary study for license allocation in Third Generation (3G) telecommunication services	Telecommunication Authority	Ministry of Transportation UMTS National Coordination Committee	Report License Plan	2003-2004	-	-	-	-
5		Investigating Smart Card, Public Key Infrastructure and Security Testing standards	The Scientific and Technical Research Council of Turkey (TUBITAK) National Electronic and Cryptology Research Institute (UEKAE)	Turkish Standards Institution	Report	2004	-	-	-	-
6		Developing pilot applications regarding the testing and sustaining of Network Security	The Scientific and Technical Research Council of Turkey (TUBITAK) - National Electronic And Cryptology Research Institute (UEKAE)	Telecommunication Authority Other related public institutions	Pilot Application	2004	-	-	-	-
7		Investigating economics and feasibility of Internet Data Center Applications	Ministry of Transportation	Working Group for Technical Infrastructure and Information Security	Report	2003	-	-	-	-

Education and Human Resources

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration / Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
8	"Connect a School to the World" Campaign	Ministry of National Education	State Planning Organization Volunteers of Education Foundation of Turkey NGOs Volunteer individuals and institutions	Application	2003-2004	-	-	-	-

Main Project: Facilitating appropriate level of access of students and teachers to Internet and multimedia resources at schools (2003-2005)

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration / Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
9	Establishment of 4000 Information Technology Classrooms at primary schools (PHASE 2)	Ministry of National Education	State Planning Organization	Investment Project	2003-2004	126.000.000 - 90.000.000 (Hardware) - 36.000.000 (Software)	-	-	-

Main Project: Establishing an Education Portal for the purposes of providing resources, e-Education platforms, and providing online support services for teachers, students and parents including the handicapped (2003-2006).

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration / Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
10	Building a prototype of the Education Portal	Ministry of National Education	State Planning Organization NGOs	Investment Project	2004	-	2.500.000	-	-
11	Renewing curricula for increasing quality and productivity of education through efficient and effective use of information technologies	Ministry of National Education	Ministry of Justice Ministry of Internal Affairs Ministry of Health Ministry of Agriculture and Village Affairs Ministry of Work and Social Security	Research Project Report Teaching-Training Committee Decree	2003-2004	-	-	-	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration / Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
12	Training of teachers for developing innovative and practical teaching applications, organizing internal training programs for increasing their skills in using new technology	Ministry of National Education	Ministry of Justice, Ministry of Internal Affairs Ministry of Health, Ministry of Agriculture and Village Affairs, Ministry of Work and Social Security	Internal Training	2003-2004	23.500.000	-	-	-
13	Performing preliminary studies and necessary arrangements for initiating public access to IT resources of educational institutions	Ministry of National Education	Prime Ministry Ministry of Justice, Ministry of Internal Affairs (Governorships) Ministry of Health Ministry of Agriculture and Village Affairs Ministry of Work and Social Security	Report Enactment	2003	-	-	-	-
14	Increasing the quality of Course and Certification education, provision of equivalence of certificates and diplomas to EU Standards	Ministry of National Education	NGOs	Administra-tive and legal arrange-ment	2003-2004	-	-	-	-
15	Planning human resources as per the requirements of Information Society	State Planning Organization	Council of Higher Education Universities NGOs	Research Project	2004	-	-	-	-

Legal Infrastructure

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
16	Enactment of the draft law for Electronic Signature	Ministry of Justice	Prime Ministry	Enactment	2003	-	-	-	-
17	Enactment of the draft law for Protection of Personal Data	Ministry of Justice	Prime Ministry	Enactment	2003	-	-	-	-
18	Enactment of the draft law for National Information Security	Ministry of National Defense	Prime Ministry	Enactment	2003	-	-	-	-
19	Enactment of the draft law for change in Turkish Criminal Law designating crimes and punishments specific to the field of ICT	Ministry of Justice	Prime Ministry	Enactment	2003	-	-	-	-
20	Enactment of the draft law for the Right to Access Information	Ministry of Justice	Prime Ministry	Enactment	2003	-	-	-	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Action No	Post- Action No
						2003 Obtained	2004 Estimated		
21	Investigating the recognition of electronic contracts and making legal arrangements if needed	Ministry of Justice	Prime Ministry State Planning Organization Undersecretariat of Foreign Trade	Report Enactment	2003	-	-	**16**	**-**
22	Enacting a law for protection of Intellectual Property Rights in electronic media	Ministry of Justice	Prime Ministry Ministry of Culture and Tourism Ministry of Industry and Trade Radio and Television Supreme Council Turkish Patent Institute, NGOs, Related Professional Organizations	Report Enactment	2003	-	**-**	**-**	-
23	Enacting the necessary laws arranging the functions, authority, responsibility and auditing of Internet Service Providers	Ministry of Justice	Prime Ministry Ministry of Transportation Ministry of Culture and Tourism Telecommunication Authority, NGOs	Enactment	2003	-	**-**	**-**	-
24	Structuring the appropriate environment for e-Commerce	Undersecretariat of Foreign Trade	Prime Ministry Ministry of Industry and Trade Ministry of Finance Undersecretariat of Treasury Small and Medium Industry Development Organization Export Promotion Center of Turkey Union of Banks Turk Eximbank	Report Enactment	2003-2004	-	**-**	**-**	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Action No	Post- Action No
						2003 Obtained	2004 Estimated		
25	Increasing the utilization of e-document applications in foreign trade	Undersecretariat of Customs	Prime Ministry Ministry of Industry and Trade Ministry of Finance Undersecretariat of Foreign Trade State Institute of Statistics Other related public and private sector institutions NGOs	Enactment	2004	-	-	**73**	-
26	Enactment of the New Telecommunications Law	Ministry of Transportation	Prime Ministry State Planning Organization Undersecretariat of Treasury State Personnel Administration Privatization Administration Telecommunications Authority Related NGOs	Enactment	2003	-	-	-	-
27	Making secondary legislations in the field of telecommunications	Telecommunications Authority	Prime Ministry Ministry of Transportation State Planning Organization Related NGOs	Regulation Bulletin	2003	-	-	-	-
28	Enactment of Universal Service Regulation	Ministry of Transportation	Prime Ministry Telecommunications Authority	Enactment	2003	-	-	-	-

Standards

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration / Deadline	Financial Requirement (USD)		Pro-Action No	Post-Action No
						2003 Obtained	2004 Estimated		
29	Preparing the standards published by international and EU Standards Organizations as Turkish Standards	Turkish Standards Institute	Public Institutions Universities NGOs Private Sector Institutions	Standard	2003 – 2004	-	-	-	34

e-Government

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro-Action No	Post-Action No
						2003 Obtained	2004 Estimated		
30	Forming teams responsible for transformation to e-Government in public institutions	State Planning Organization	Prime Ministry Public Institutions	Circular Briefings	2003	-	-	-	-
31	Determining the minimum information to be presented and the presentation principles on public websites, provision of the application as per Web Accessibility Initiative (www.w3.org/WAI)	State Planning Organization	Prime Ministry Public Institutions Administration of the Handicapped e-Government Working Group, NGOs	Report Circular	2003	-	-	-	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro - Action No	Post- Action No
						2003 Obtained	2004 Estimated		
32	Determining e-Government applications and ICT inventory	State Planning Organization	State Institute of Statistics Related Public Institutions Related NGOs	Report	2003	-	-	-	-
33	Determining the financing model for e-Government applications	State Planning Organization	Ministry of Finance Undersecretariat of Treasury	Report	2003	-	-	-	-
34	Determining principles of interoperability and publishing a framework	State Planning Organization	Prime Ministry Related Public Institutions NGOs	Research Project Circular	June 2004	-	-	29	-
35	Preparing guides for preparation and evaluation of public ICT investment projects and determining principles and methodologies for the monitoring of these projects	State Planning Organization	Prime Ministry Related Public Institutions NGOs	Research Project Enactment	May 2004	-	-	-	-
36	Determining the principles for procurement specifications and contracts of public ICT projects	Public Procurement Authority	Prime Ministry State Planning Organization Related Public Institutions NGOs	Enactment	2003	-	-	-	-
37	Determining measures for information society and preparation of the related statistics	State Institute of Statistics	State Planning Organization NGOs	Report Pilot Application	2003 - 2004	-	-	-	-
38	Accomplishing pilot applications for public Internet access centers	Ministry of Internal Affairs (Governorships and Local Administrations)	State Planning Organization	Pilot Application	2004	-	100.000	-	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
39	Spreading best practices of e-Government services	State Planning Organization	Public Institutions NGOs	Report	2004	-	-	-	-
40	Preparing a strategy for the provision of public services through a portal and improving the services	State Planning Organization	Public Institutions NGOs	Research Project	March 2004	-	-	-	41
41	Forming a project for improving public services and their provision through a portal	State Planning Organization	Public Institutions	Research Project	June 2004	-	-	40	-
42	Merging Tax, Citizenship and Social Security ID numbers	Ministry of Internal Affairs	Ministry of Finance Ministry of Work and Social Security State Planning Organization Other related public institutions	Application Project	2003	-	-	-	-
43	Assigning a single identification number to foreigners living in Turkey	Ministry of Internal Affairs	Prime Ministry Ministry of Finance Ministry of Work and Social Security State Planning Organization Other related public institutions	Circular	2004	-	-	-	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
44	Joining juristic persons under a single identification number system	Ministry of Industry and Trade	Prime Ministry Ministry of Internal Affairs Ministry of Finance State Planning Organization State Institute of Statistics GD of Foundations Union of Chambers and Exchanges of Turkey Other related public institutions	Report Circular	2004	-	-	-	-
45	Sharing citizenship information from the MERNIS Identification Sharing System with other e-Government applications	Ministry of Internal Affairs (GD of Population and Citizenship Affairs)	Public Institutions	Application Project	2003 - 2004	-	-	-	-
46	Integrating and sharing all real estate address information under an Address Registration System regardless of the end-user	Ministry of Internal Affairs (GD of Local Administrations)	State Institute of Statistics GD of Land Survey and Registration Local Administrations Middle East Public Administration Institute of Turkey Other related public institutions	Application	2003	-	-	-	-
47	Performing a preliminary study for establishing the Turkish Geographical Information System	GD of Land Survey and Registration	State Planning Organization Turkish Standards Institute General Commandership of Map Other Related Public Istitutions	Report	2004	-	-	-	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
48	Sharing the Public Personnel Registration System with related institutions	State Personnel Administration	Ministry of Finance Related Public Institutions Certification Institutions (pending enactment of the Electronic Signature Draft Law)	Research Project	2003	-	-	-	-
49	Developing an Agricultural Information System	Ministry of Agriculture and Village Affairs	State Planning Organization State Institute of Statistics Other related public institutions	Application Project	2004	-	-	-	-
50	Informing and increasing the awareness of public and private institutions and citizens about the e-Transformation Turkey Project	State Planning Organization	NGOs	Conference Seminar Booklets, brochures, etc.	2003 – 2004	33.000	130.000		
51	Providing taxpayers with online declaration and payment options for realized taxes	Ministry of Finance	Prime Ministry State Planning Organization	Enactment	2003	-	-	-	-
52	Providing online services for access to cataloguing information and images of documents which have been classified in historic archives	Prime Ministry	Related Public Institutions	Application	2004				

e-Health

Action No	Post-Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
							2003 Obtained	2004 Estimated		
53		Investigating the standards and standard-development practices in health information and communication technologies	Ministry of Health	State Planning Organization Turkish Standards Institute NGOs Academic institutions providing medical ICT education	Report	Nov. 2003	-	-	-	54 55 57 58 60 63
54		Researching applications of Classification of Medical Supplies and Barcode Labeling Standards	Ministry of Health	Turkish Standards Institute Union of Chambers and Exchanges of Turkey NGOs Public and private institutions which pay for health services	Report Research Project	2003-2004	-	6.000	53	-
55		Investigating the applications of Blood and Blood Products Barcode Labeling standards	Ministry of Health	Turkish Standards Institute Red Crescent NGOs Blood Bank administrations	Report	Jan. 2004	-	-	53	-
56		Provision of electronic health registry in first layer health institutions	Ministry of Health	-	Investment Project	2003	1.250.000	-	-	-
57		Researching development of the standards for modeling, content and structure of Electronic Patient Records	Ministry of Health	Turkish Standards Institute NGOs Academic institutions providing medical ICT education	Report Research Project	April 2004	-	-	53	-
58		Developing standards for patient information message communication (proposed for the development of Integrated Health Information Systems)	Ministry of Health	Turkish Standards Institute NGOs Academic institutions providing medical ICT education	Report	Jan. 2004	-	-	53	59

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
59	Developing standards for electronic communication of clinical and administrative data among institutions which provide and pay for health services	Ministry of Health	Turkish Standards Institute Public and private institutions which provide health services Public and private institutions which pay for health services	Research Project	March 2004	-	-	58	-
60	Determining controlled medical terminology for coding clinical data that are to be included in the *National Electronic Patient Records*	Ministry of Health	Turkish Standards Institute NGOs Academic institutions providing medical ICT education	Report	Jan. 2004	-	-	53	61 62
61	Developing plans for application and spreading of controlled medical terminology for coding clinical data that are to be included in the *National Electronic Patient Records*	Ministry of Health	Academic institutions providing medical ICT education NGOs	Research Project	July 2004	-	45.000	60	-
62	Development of *National Case Composition Classification Systems* for inpatients and outpatients	Ministry of Health	State Institute of Statistics Public and private institutions which provide health services Public and private institutions which pay for health services	Research Project	March 2004	-	-	60	-
63	Determining Health Information Management standards for the applications of health service provider institutions	Ministry of Health	Turkish Standards Institute Turkish Accreditation Council Other related institutions which provide quality certification in the field of health NGOs University Hospitals	Report	Jan. 2004	-	-	53	-

Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
						2003 Obtained	2004 Estimated		
64	Determining access control (e-signature) and confidentiality requirements of individual health information	Ministry of Health	State Planning Organization NGOs	Report	2003	-	-	-	-
65	Performing Data Model Analysis for modeling health information, determination of applicability of these models and formation of contextual, conceptual and logical national health data models	Ministry of Health	State Institute of Statistics Academic institutions providing medical ICT education NGOs	Report Research Project	2004	-	195.000	-	-
66	Determining National Minimal Health Data Sets which will be collected on individual basis, and preparation of a Dictionary of National Health Data	Ministry of Health	State Institute of Statistics NGOs Academic institutions providing medical ICT education Academic institutions providing public health education	Report Research Project	2004	-	60.000	-	-
67	Designing and modeling an Education Tree for the purposes of determining and covering the need for Health Information Technology Education in Turkey, and providing support for curricular programming in this field	Ministry of Health	Academic institutions providing medical ICT education NGOs	Consulting	May 2004	-	60.000	-	-

e-Commerce

Action No	Post-Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
							2003 Obtained	2004 Estimated		
68		Formation of a Corporate Registration System	Ministry of Industry and Trade	Prime Ministry Ministry of Finance Ministry of Internal Affairs State Institute of Statistics Union of Chambers And Exchanges of Turkey	Application Project Enactment	2003	-	-	-	-
69		Informing and increasing the awareness of SMEs about e-commerce and e-business	Small and Medium Industry Development Organization	Undersecretariat of Foreign Trade Union of Chambers And Exchanges of Turkey Export Promotion Center of Turkey Exporters Assembly of Turkey Confederation of Tradesmen And Craftsmen of Turkey	Pilot Application Seminar	2004	-	55.000	-	-
70		Providing e-Commerce preparedness evaluation services to companies	Small and Medium Industry Development Organization	Undersecretariat of Foreign Trade Export Promotion Center of Turkey Exporters Assembly of Turkey	Pilot Application	2004	-	-	-	-

Action No	Post- Action No	Action	Responsible Institution	Related Institutions	Application Tool	Duration/ Deadline	Financial Requirement (USD)		Pro- Action No	Post- Action No
							2003 Obtained	2004 Estimated		
71		Formation of a joint e-Commerce information pool as a portal	Undersecretariat of Foreign Trade	Ministry of Industry and Trade State Institute of Statistics Small and Medium Industry Development Organization Export Promotion Center of Turkey Private Sector Institutions NGOs	Application Project	June 2004	-	-	-	-
72		Online sharing of information and documentation used in foreign trade	Undersecretariat of Customs	Ministry of Finance Ministry of Industry and Trade Undersecretariat of Foreign Trade State Institute of Statistics Union of Chambers and Exchanges of Turkey Exporters Assembly of Turkey Union of Banks Other related public and private sector institutions	Application Project	2004	-	-	-	-
73		Provision of international exchange of e-Documents in foreign trade	Undersecretariat of Foreign Trade	Undersecretariat of Customs	Report	2004	-	-	-	25