

Broadband policy and related activities in Turkey

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IMPORTANCE OF BROADBAND AND VERY FAST INTERNET

ICT, the most important driving force of economic and social modernization

Internet and broadband penetration, the most important tools in achieving the goal of economic and social development

High-speed internet access, provides productivity and competition.

Broadband triggers welfare of society and improves the quality of life



MINISTRY'S POLICIES ON ICT SECTOR

Extend of ICT infrastructure and usage, ensure effective competition

Extend of broadband infrastructure

Promote and finance of ICT R&D projects

Extend of Universal Service coverage

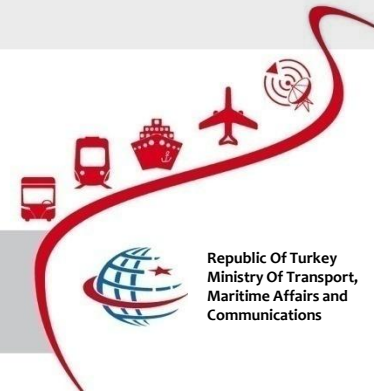
Increasing the number of services covered by the e-Government

Reduce tariffs

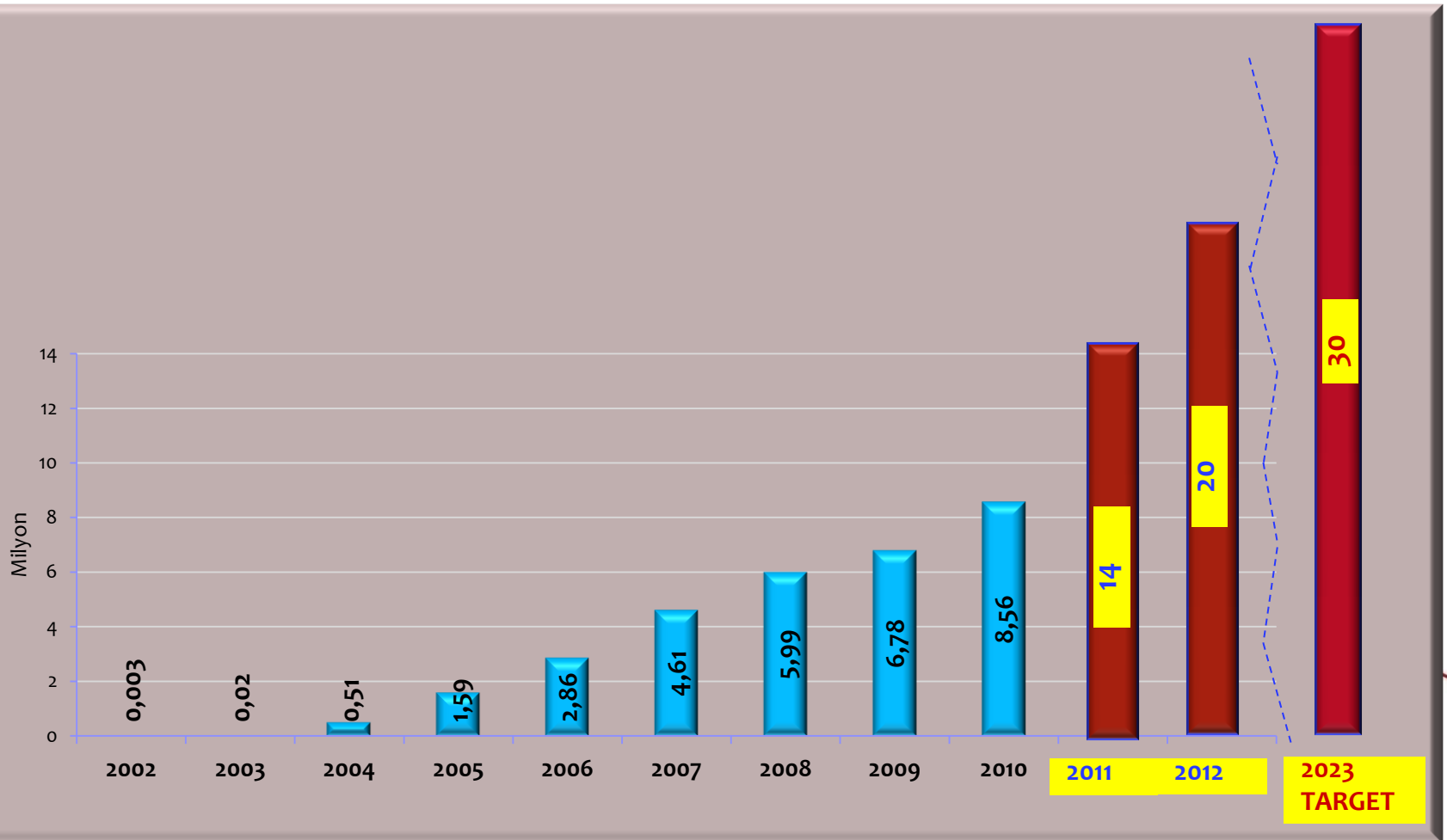
THE YEAR 2023 SOME TARGETS RELATED WITH BROADBAND

- Installation fiber optic networks all over the country and to be an inter-exchange point between countries of the region.
- Reach to %100 of household penetration with fiber and extend broadband wireless access infrastructure all over the country (LTE, 4G, WiMax).
- Each connection over 30 Mb/s, 60% of connections over 100 Mb/s, 10% of connections over 1 Gb/s.
- Provide broadband accessibility (fixed or wireless) internet services at anywhere, to anyone and at anytime (ubiquitous network) with reasonable prices.
- The number of broadband subscribers to over the 30 million.
- Provide e-signature or m-signature to the every citizen.
- Complete of actions for information society.

We have started revisioning of National Broadband Strategy and Action Plan Study with the Scientific and Technological Research Council of Turkey (TÜBİTAK).



INCREASING OF BROADBAND SUBSCRIBERS



CURRENT BROADBAND ACCESS SITUATION IN TURKEY

ACCESS TECHNOLOGY TYPE	2011-3	2012-2	2012-3	Growth Ratio (2011-3/ 2012-3)
xDSL	6.793.013	6.632.661	6.602.030	-2,8%
Mobile (with PC)	1.317.155	1.795.392	1.875.653	42,4%
Mobile (with mobile phone and smart phone)	4.007.546	8.791.994	9.685.926	141,7%
Cable	407.502	485.531	492.765	20,9%
Fiber	220.777	469.668	548.493	148,7%
Other	129,858	140.229	142.753	9,9%
TOTAL	12.874.851	18.315.745	19.347.620	50,3%

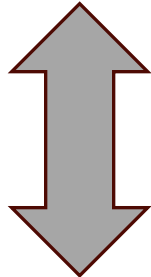
Total fiber length = 205.000 km, 155.000 km for backbone, 50.000 km for access.
Fiber capacity (length) in the Access Network have been doubled in one year.



BROADBAND REGULATION RESPONSIBILITIES

Passive Infrastructure

- Pipes,
- Ducts ,
- Digging



Rigth Of Way (Ministry)
Facility Sharing (ICTA)

Active Infrastructure

- Fiber Cable,
- Multiplex Sytems,
- Router
- Switch



Cable Sharing (ICTA)
Co-Location (ICTA)

THE TASK OF MINISTRY BY LAW NUMBER 655 (2011)

Defining and auditing procedural principles and price cap for right of way for every cable and similar instruments used in fixed and mobile communication networks infrastructure passing through immovable property.



SOME PRINCIPLES IN DRAFT RIGHT OF WAY REGULATION

- The effective use of available resources
- Protect environment
- Facility sharing
- Prevent re-digging
- Identification of implementation and control processes
- Determination of the rules of procedure and price cap
- Defining audits steps



THANKS FOR YOUR ATTENTION

