



Government of Romania



Romanian ICT achievements

*Presented by
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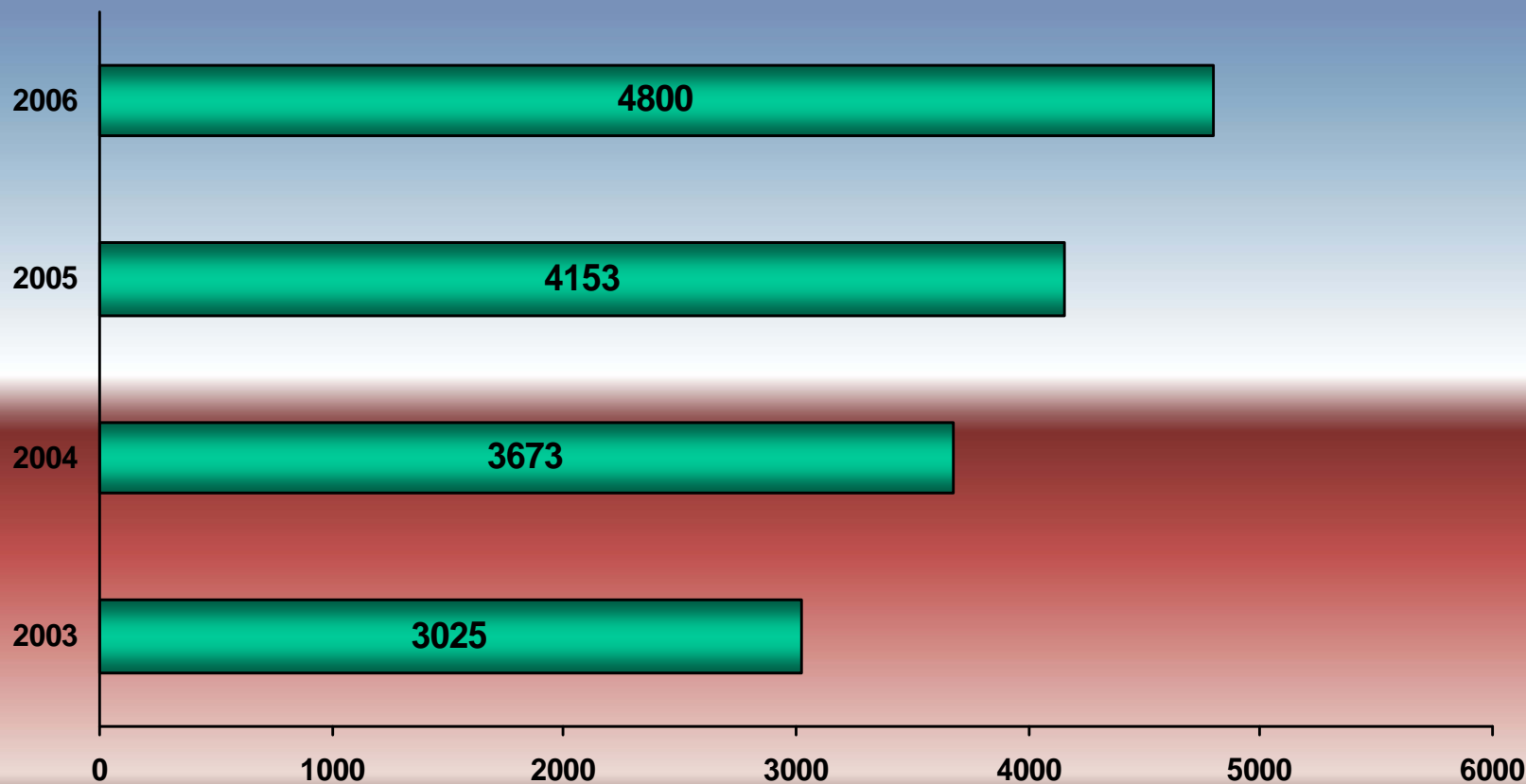
The Romanian ICT Market – where do we stand?



Romanian ICT market



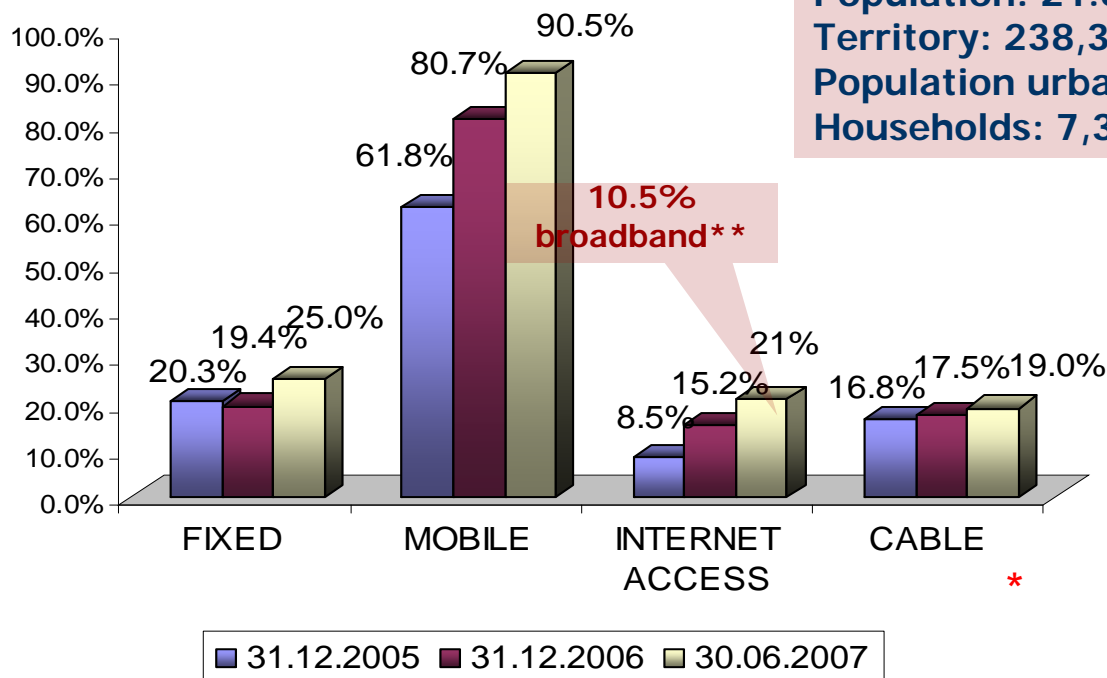
Value of the ICT market estimated by EITO (EUR)



Romanian electronic communications market 2007: Snapshot in figures



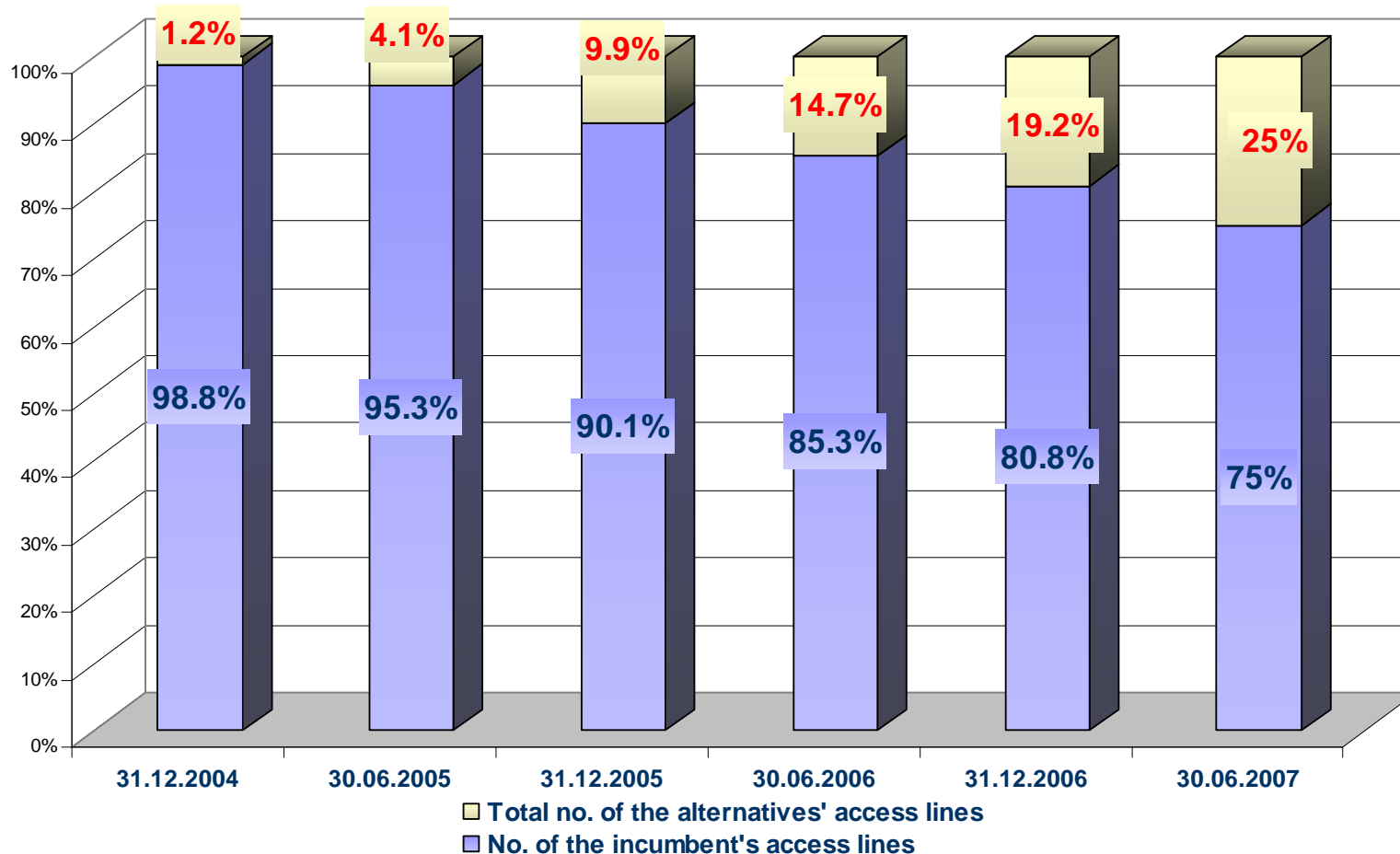
Penetration rates/100 inhabitants of the main electronic communications services and infrastructures



* Preliminary data

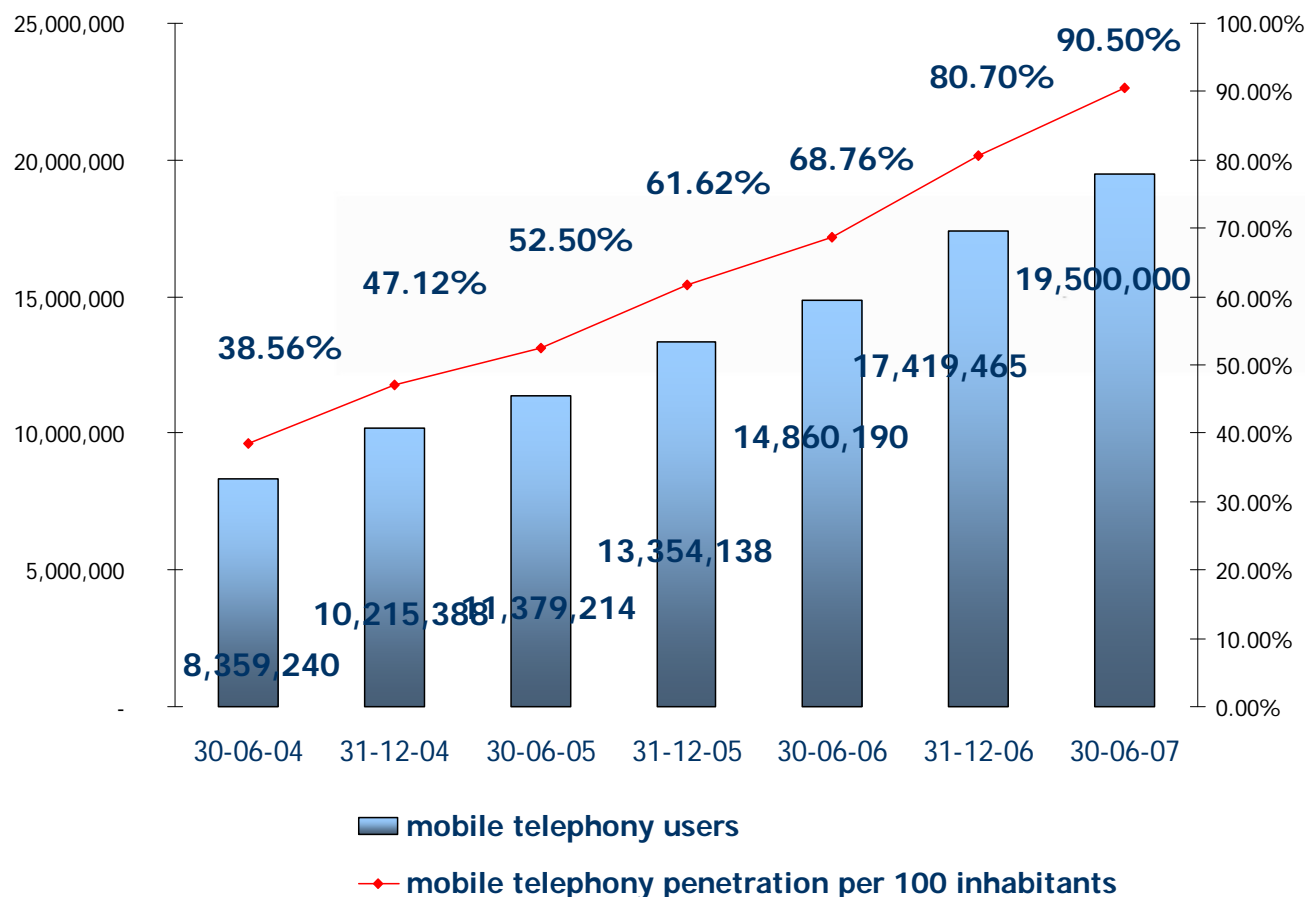
** Broadband includes fixed and mobile access of at least 128 kbps speed

The alternative providers' market share doubled in 2007 compared to 2006



Source: ANRCTI, according to the statistical data reported by the providers of electronic communications networks and services;

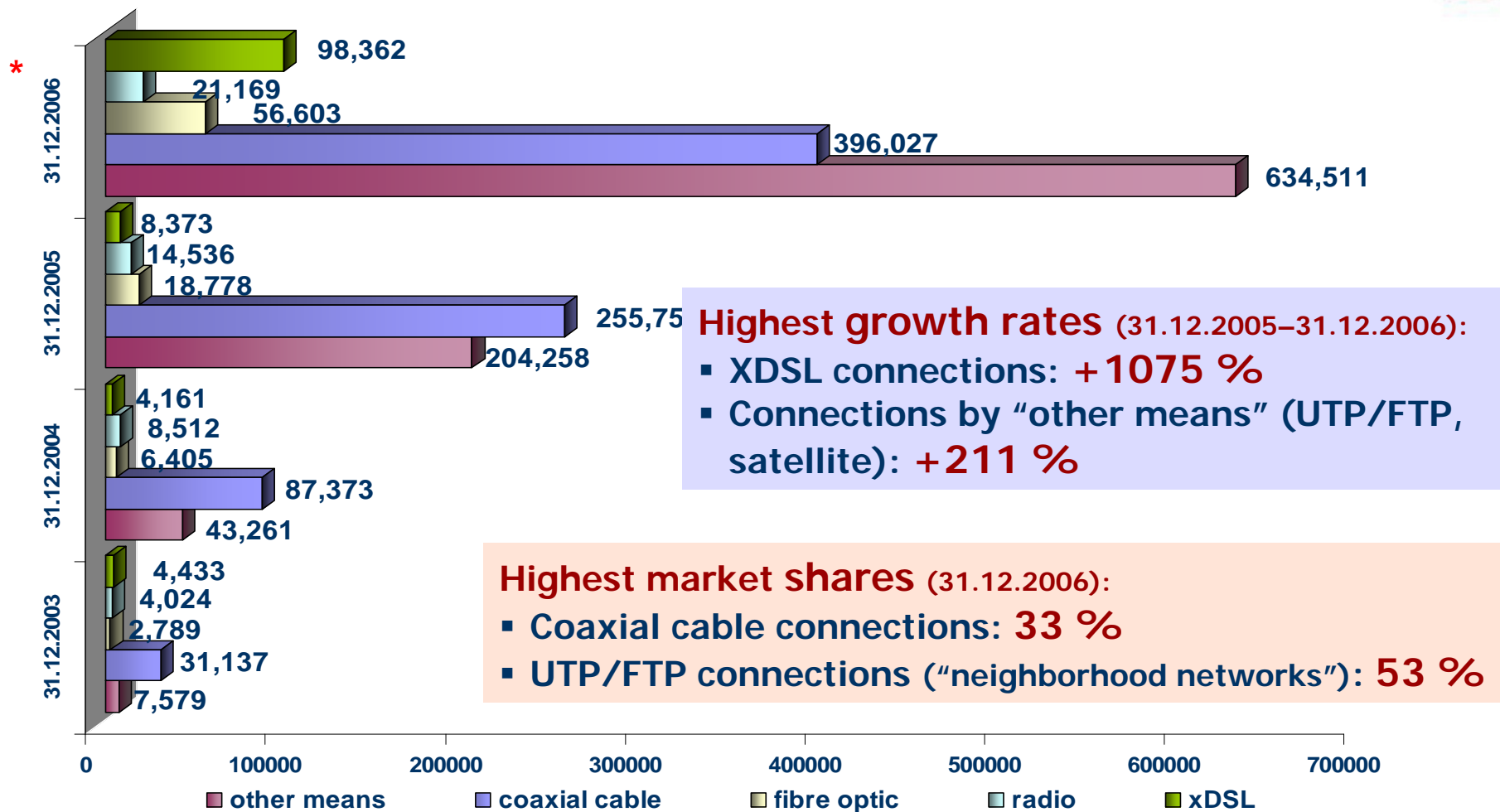
Mobile telephony – 31% more users than in June 2006



Annual penetration rate increased by **31 %**

Source: ANRCTI, according to the statistical data reported by the providers of electronic communications networks and services; penetration rate has been calculated as a percentage of the total population.

Significant growth of dedicated access Internet connections – 140% as compared to end-2005

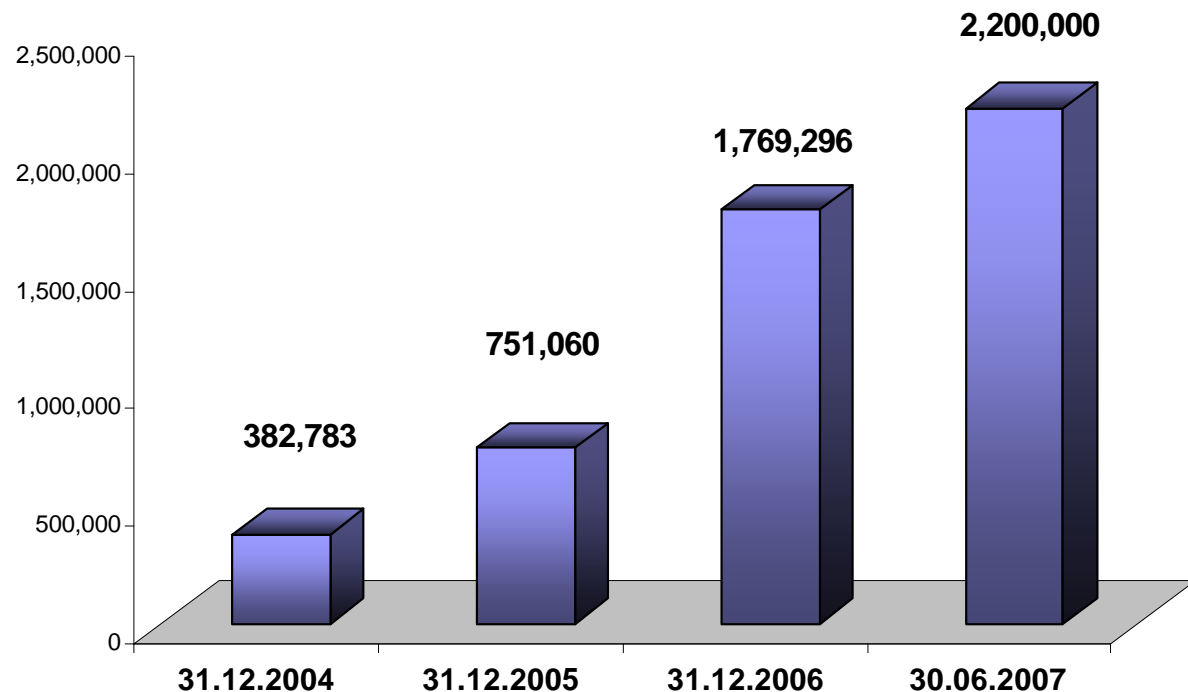


Source: ANRCTI, according to the statistical data reported by the providers of electronic communications networks and services; * preliminary data.

Broadband – leading segment of market growth



Penetration rate of
broadband Internet
access in ROMANIA
has reached
10.5%



June 2006 - June 2007: **90,4%** growth rate of broadband Internet connections

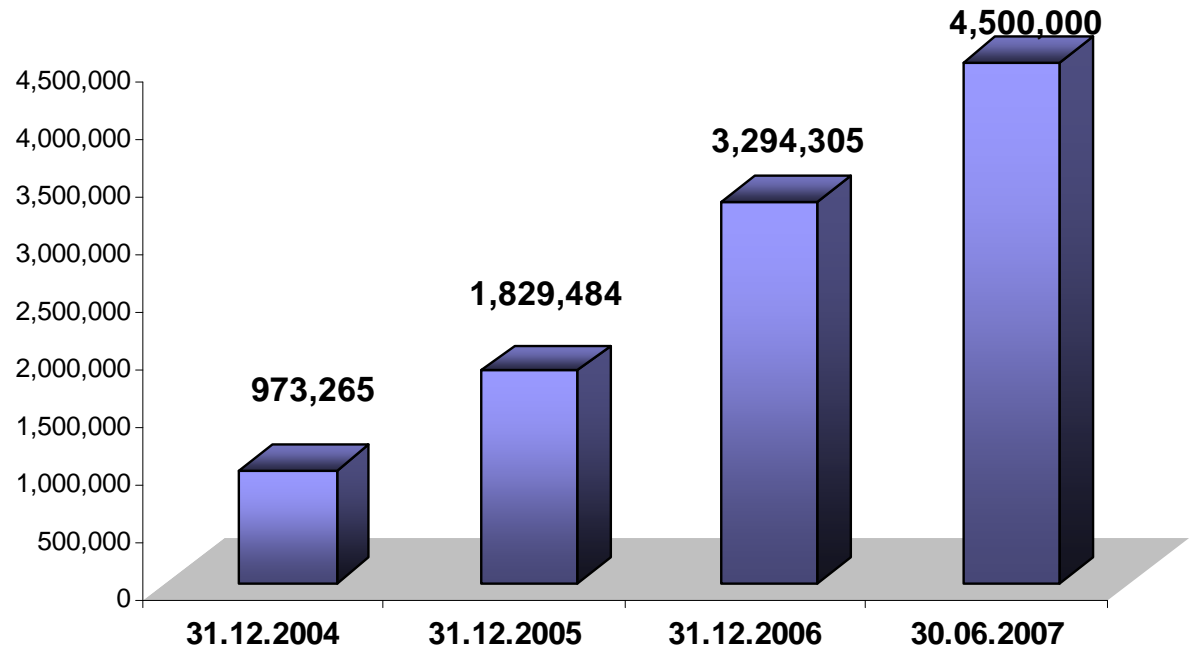
Source: ANRCTI, according to the statistical data reported by the providers of electronic communications networks and services; penetration rate is calculated as a percentage of the total population; broadband Internet access connections include mobile and fixed access connections with a connection speed of at least 128 kbps.



Internet connections



Penetration rate
21%



June 2006 - June 2007: **78.2%** growth rate of Internet connections

Source: ANRCTI, according to the statistical data reported by the providers of electronic communications networks and services; penetration rate is calculated as a percentage of the total population; broadband Internet access connections include mobile and fixed access connections with a connection speed of at least 128 kbps.





Policies and projects in the field of Communications and Information Technology



Developing broadband services



PLC – A Viable Technical Solution for the Rural Areas

- Considering the specific conditions from Romania, MCTI established the identification and the implementation of the best technologies for providing communications services in the rural areas as one of the main objectives
- In December 2005, the feasibility study for implementing the PLC technology has been finalized
- During the period Feb.-Aug. 2006, the PLC pilot project functioned in the village Band, Mures County
- An impact study followed the pilot project, which revealed the opportunity of implementing the PLC technology in certain conditions



Developing broadband services



“Leave your mark on the net” Campaign

- The target of this campaign is to increase the penetration rate of using the internet among population from 28% to 33% until the end of 2007, meaning approximately 7 million of internet users.
- The first 2 stages consisted in offering free-access internet areas: the MCTI caravan and the mobile informatics lab. The 3rd stage, Free Wireless Internet, consists in providing hotspots in public areas, where the population can have free access to a flexible mobile internet service.

“Hotspots in Public Areas for Internet Services to the Citizens” is an extension of the MCIT initiative called „Leave your mark on the net!“. We now have 3 highspeed hotspots in Romania; the technical characteristics of the outfits and the bandwidth allow a simultaneous access to Internet services by more than 30 users.



The Implementation of BWA Systems



- The strategic document on the implementation of the BWA Systems has been elaborated. The stages for the reorganization of the spectrum usage are:
- **One national license** will be put up to auction **in bands 3410 – 3600 MHz** in the first quarter of 2008;
- **Three licenses of minimum 2 x 25 MHz in bands 3600 -3800 MHz** will be put to auction;
- There will be taken into consideration the deregulation trend with a view to the **technologic neutrality**;
- The **personalization of the content will be encouraged**, in correlation with the transition from the passive to the interactive usage.



Main activities in the IT field



e-Government

Objective - to provide access to services and information, to the electronic system for public acquisitions using ICT tools

Key areas addressed by e-Gov:

- Public Services
 - Digital democracy – digital reform
 - Transition to the Information Society
 - Decrease of the digital gap
-
- In Romania 3 main eGovernment projects are operating:
 - www.e-licitatie.ro (e-procurement)
 - www.e-guvernare.ro (e-government)
 - www.autorizatiiauto.ro (auto-authorizations)



Expanding the Virtual Pay Office at national level



The “Virtual Pay Office” project aims to facilitate the interaction between the citizens and public administration. Benefits:

- Rapid way of paying citizens’ debts to the State (taxes, fines etc);
- Simplification of the administrative procedures;
- Promotion of the general access to public information and services particularly through Internet;
- Reduction of the public expenditures made usually through the classic procedures of taxes collection



Romania



Knowledge Based Economy Project





Project management

- Coordinator: Ministry of Communication & IT
- Partners:
 - Ministry of Education
 - Ministry of Interior and Administrative Reform
 - Ministry of Culture
 - National Agency for SMEs
- Budget: 69,4 mil. USD
 - 60 mil. USD – World Bank loan
 - 9,4 mil. USD – Romanian Government



The Local Community Electronic Network



Public Library



**Public
Administration**



Citizens



**Private
Entrepreneurs**



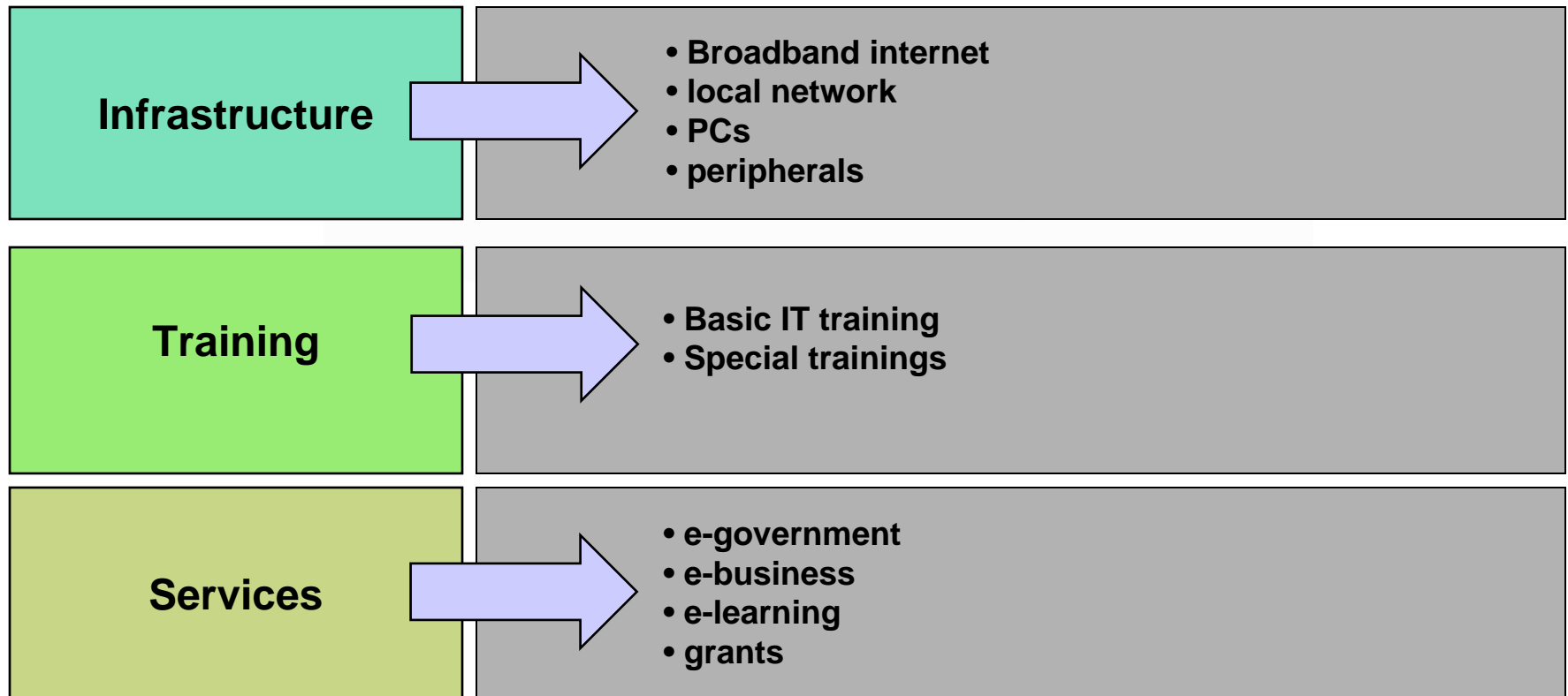
Local NGOs



School



Three-layer approach





The Project in numbers

- 255 communities (9 in pilot-phase)
- 472 schools
- 1,740,000 citizens
 - 18% of total rural population





Thank you for your attention!

***For further details, please visit:
www.mcti.ro***

