ROYAUME DU MAROC Le chef du gouvernement



ITU Regional Workshop on the Future Utilization of UHF Band in Arab Region Marrakech, Kingdom of Morocco April, 12th, 2018

- Morocco case -

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The ICT Sector in Morocco Overview



- ✓ The ANRT was established in 1998 in accordance with the Law n°24-96 that reorganized the telecommunications sector.
- ✓ ANRT aims to promote a high level of fair competition in the telecommunications sector for the benefit of Moroccan citizens.
- ANRT plans and implements regulatory actions to support the development of the telecommunications sector in Morocco.
- ✓ Build a competitive market by granting new licenses and ensuring the observance of fair competition rules.
- ✓ Build a relevant legal and economic framework through the elaboration of law projects, decrees and departmental orders.
- \checkmark Manage frequency spectrum.
- \checkmark Reduce digital gaps by contributing in national programs for enhancing ICT use.
- Support research & training in ICT sector through the National Institute for Post and Telecommunications (INPT).

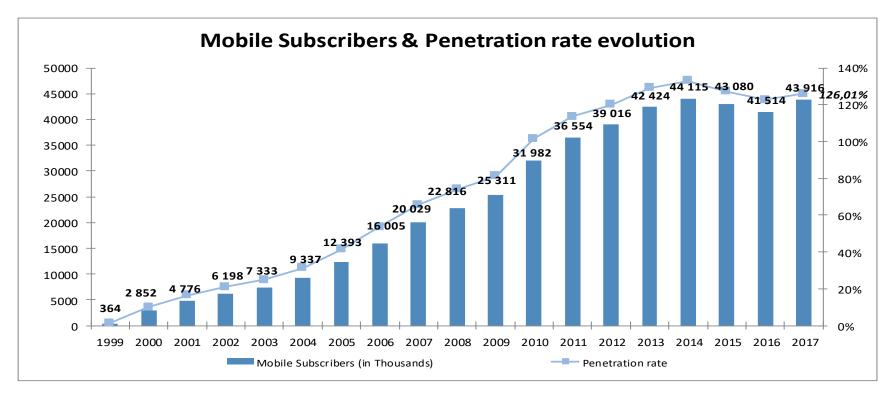
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The ICT Market



Mobile Telephony: Subscribers & Penetration



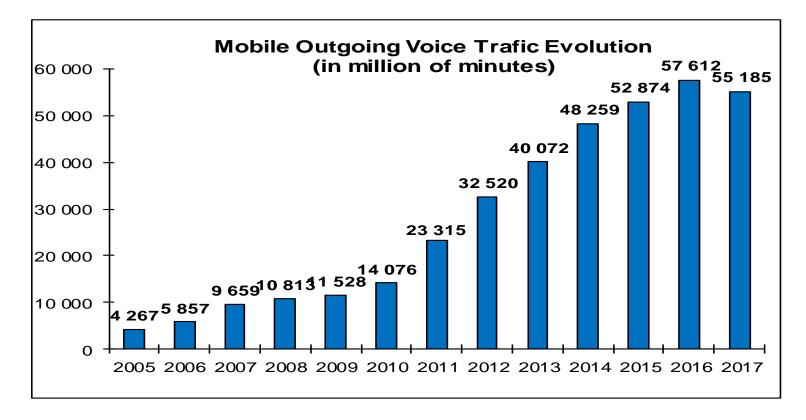
• The mobile penetration rate reaches 126% at the end of 2017.

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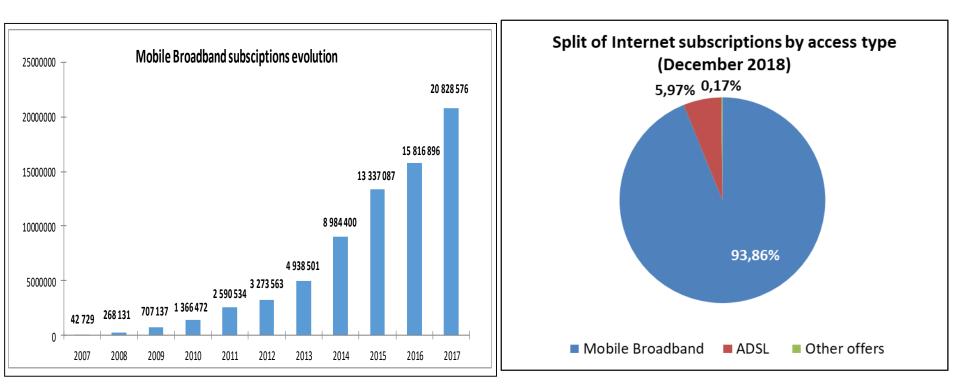
Mobile Telephony: Voice Trafic



The Mobile outgoing voice trafic exceeded 55 billions of minutes in 2017.



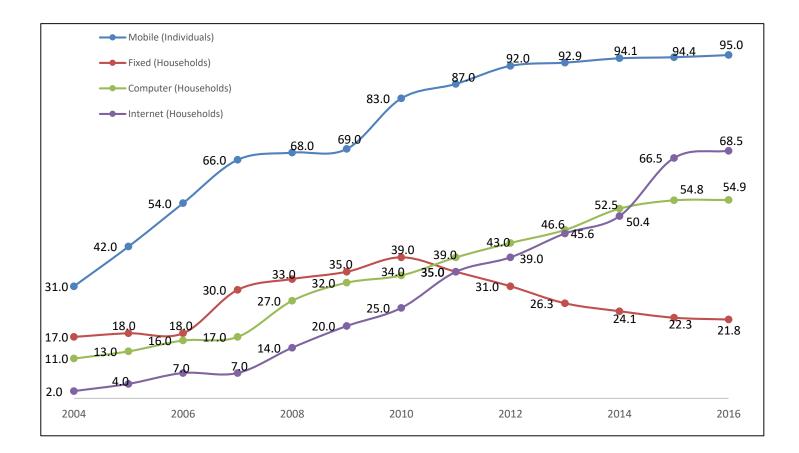
Internet : Subscribers, Penetration, Type of Access



 Progressive evolution of the Internet market in Morocco with subscribers consisting mainly of mobile broadband (94%). ROYAUME DU MAROC



Households and Individuals' ICT Equipment

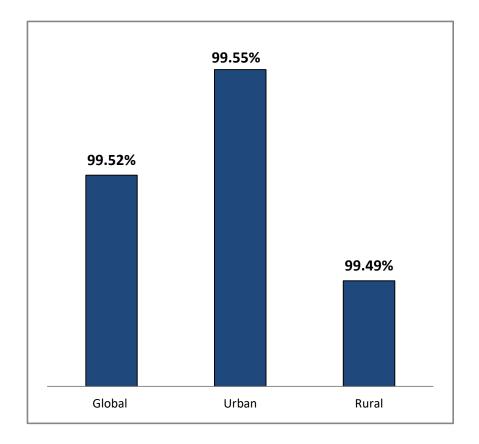


% individuals 12-65 years % households in electrified areas



Households' Equipment with Mobile Telephony

Mobile telephony is widespread in almost all the households in both urban and rural areas.

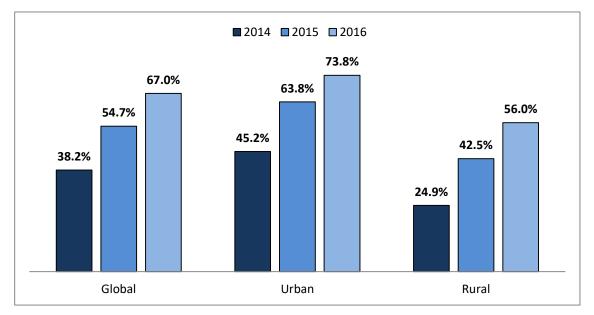




- 67% of individuals (12-65 years) equipped with mobile phone own at least one smartphone in 2016, showing a significant growth compared to previous years.
- In rural area, the Smartphone equipment shows a significant increase moving from 24.9% in 2014 to 56% in 2016.

INDIVIDUALS EQUIPPED WITH SMARTPHONE

(% of individuals aged 12 to 65 years equipped with mobile phone in e.a.)





UHF Band





- \checkmark 4G licenses were attributed, in 2015, to 3 existing mobiles operators.
- \checkmark At the end of the refarming process of the 800 MHz band, ANRT will allocate 2x10 MHz in 800 MHz band to each operator.
- \checkmark In the end of 2017, each 4G operator was allowed to use 2x5 MHz in the 800 MHz band.
- Actually, the 800 MHz band are operated by the LTE technologies, CDMA network and some specific mobile use.
- ✓ In December 2017, Morocco adopt, after a coordination process with different Departments, including the Broadcasting Authority, a new National Frequency Plan which allocate, for a short term (starting from 2019), part of UHF band to mobile services. The new Plan was published this week.
- \checkmark The refarming process is now ongoing.
- \checkmark The replanification of the DVB-T is ongoing in coordination with the concerned Authority.
- Morocco is actually studying and preparing a specific allotment plan for 700 MHz band to respond to the national specific use.



Thank you

