

Internet Speed Testing Issues and Challenges of small ISPs

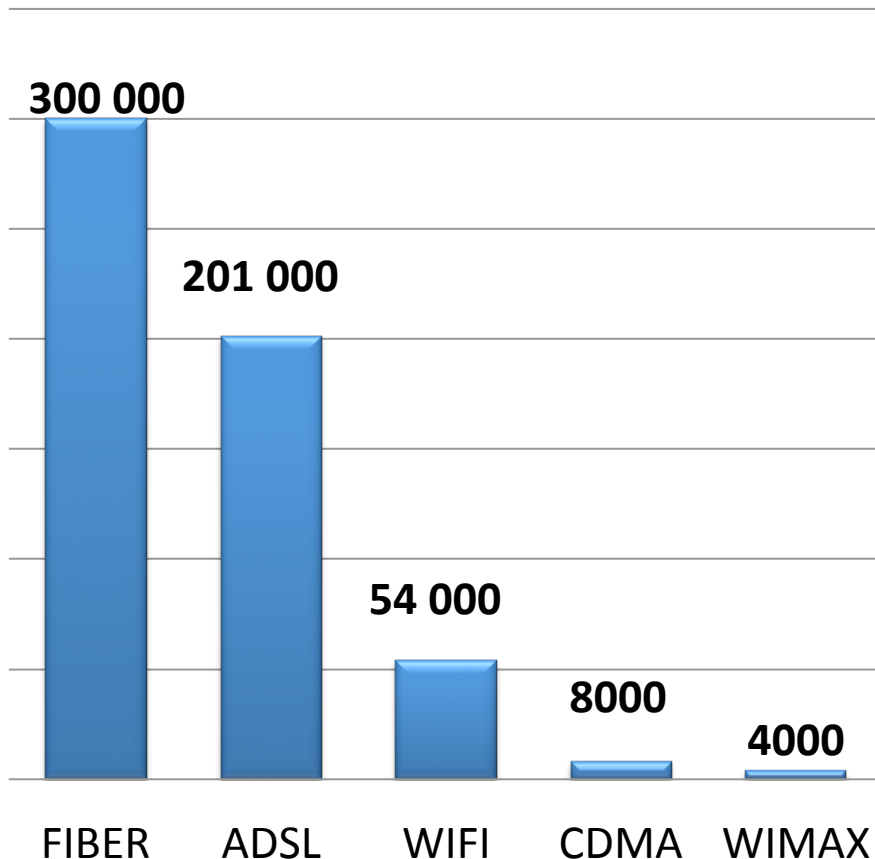
IDFI

UCHA SETURI

Tbilisi 2015

Brief Overview of Fixed Internet Market

Subscribers by Technologies



Concentration by Areas

TBILISI– 80%
SHIDA KARTLI REGION– 30%
ADJARIA REGION – 25%
IMERETI REGION– 20%
IN OTHER REGIONS – less than 9%

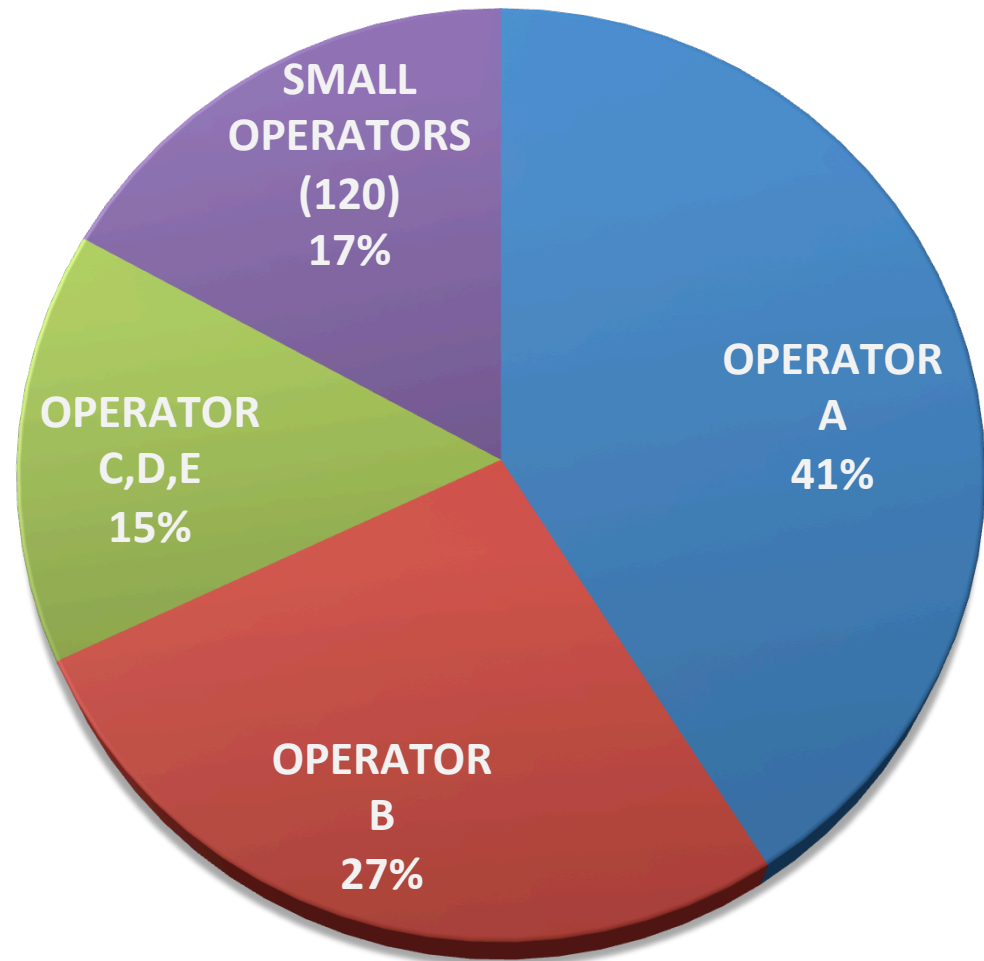
Shears of Fix Subscribers by Main Technology

FIBER

- 2013 JAN - 190 000
- 2014 JAN - 236 000
- 2015 JAN - 297 000

XDSL

- 2013 JAN - 214 000
- 2014 JAN - 213 000
- 2015 JAN - 203 000



ISPs Duties and GNCC Liabilities

The Law of Georgia on Electronic Communications

GNCC must ensure good quality and wide range of services and affordable of the tariffs

GNCC Regulations in respect to the Provision of Services and Protection of Consumer Rights

ISPs

- must render to consumer the services as provided for under the Georgian Legislation and the Contract
- There will be presented the mechanisms for ensuring the quality of service as provided for by the Contract

ITU and ETSI Guidelines for Measuring Systems

- Importance of measuring for End-users
- Clear and easily understandable
- Measuring problematic periods of the internet uses
- cheapest solution

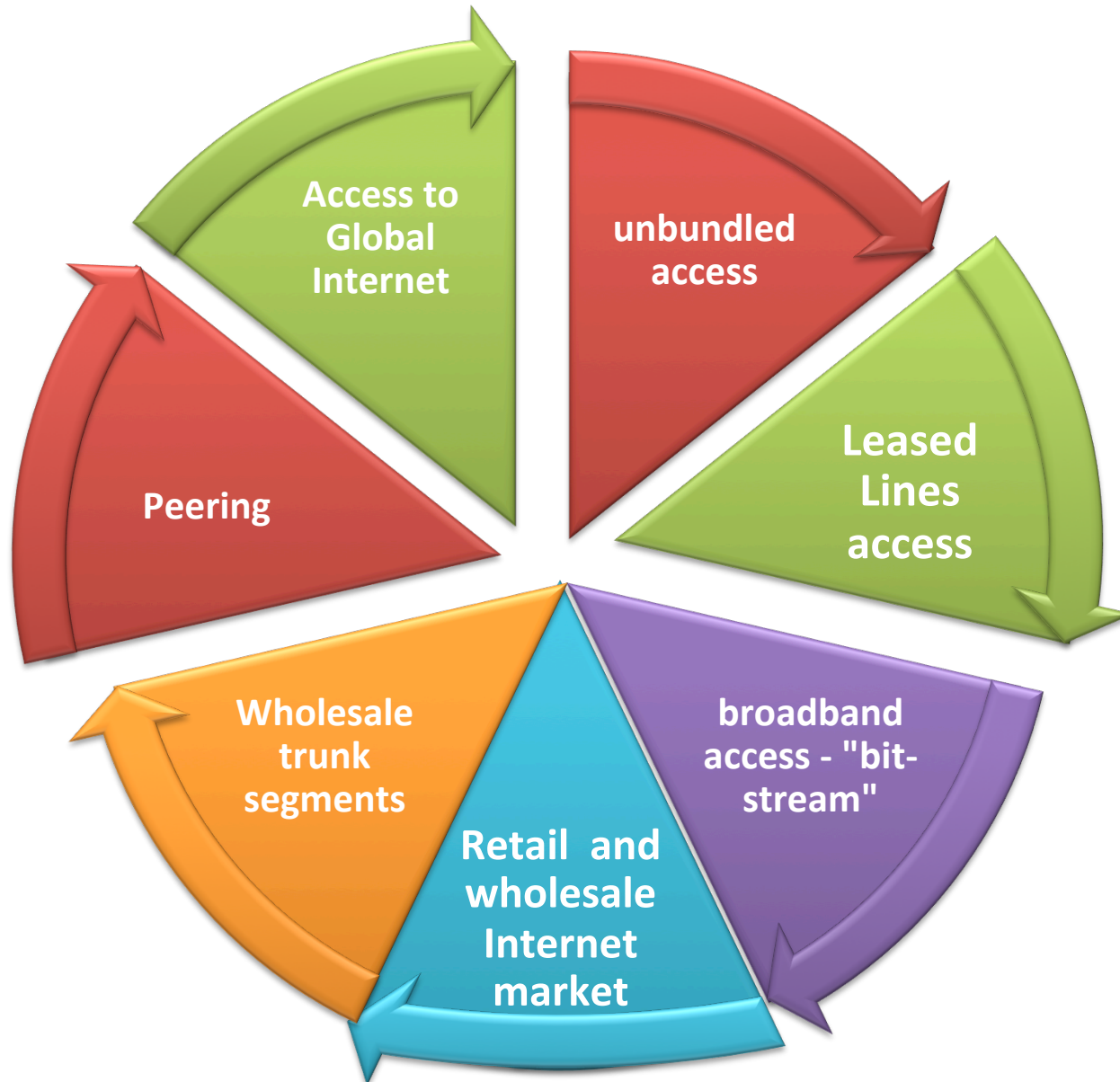
Broadband Performance Testing Issues -GNCC

- Budget – 702 000 GEL for two years
- Special Devices and Software for Measuring -400 units

Technical Problems

- Measuring non-real and not in Peak Loaded Period
- Decreasing internet using speed for end-user for Wi-Fi connection testing

Related Wholesale Markets



Main Challenges of Small ISPs

- Low economies of scale
- Wholesale market bottlenecks
- High startup expenses
- Lack of the competition and existing problems of vertically integrated operators
- Unclear and discriminated access terms
- Lack of Internet exchange points in rural areas

What is supposed to do?

- Increasing competition value and regulated all related market segments

Or

- Measuring Internet Speed and refine the operators

Recommendations

FIRST STAGE

- Full ex-ante regulation of wholesale markets related to ISPs
- Appropriate transmission capacity for broadband data in both direction enabling new entrants to offer their own, value-added services to end users
- Openness of high bit stream access market
- Separation of vertically integrated SMPs

SECOND STAGE

- Measuring and publishing internet speed testing results
- Punishments of ISPs

Thank you

Questions?

Suggestions?

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