SATRC

**QUESTIONNAIRE 1 OF WORKING GROUP Policy, Regulation and Services**

***Name of country: ……………………………***

**General Questions**

1. What is the minimum data rate that the national authorities consider as constituting broadband service? (in kbit/s, Mbit/s or hertz)

       kbit/s

       Mbit/s

       hertz

1. Physical subscriber network

 Fibre-optic       %

 Copper       %

 Coaxial       %

 Wireless       %, including       % terrestrial and       % satellite

 \_\_\_\_\_\_\_\_\_

 100%

 for a total of       broadband subscribers.

1. For each category of subscribers above, indicate the speed in kbit/s or Mbit/s.

 Fibre-optic       kbit/s       Mbit/s

 Copper       kbit/s       Mbit/s

 Coaxial       kbit/s       Mbit/s

 Wireless, terrestrial       kbit/s       Mbit/s

 Wireless, satellite       kbit/s       Mbit/s

1. Are there public forms of broadband access?

 YES [ ]  NO [ ]

 If Yes, indicate which ones.

1. Within the authorized frequency bands, what are the permitted bandwidths (in kilohertz)? Speed, in kbit/s?

       kHz

       kbit/s

**Regulatory Aspects**

1. Do your regulations use the concept of broadband in the context of universal access?

 Yes [ ]  No [ ]

 NOTE – For the purposes of this questionnaire, broadband is defined for rates of at least 256 kbit/s.

1. Is there legislation on interconnection between operators to facilitate broadband universal access making it possible to provide services to the end-user?

 YES [ ]  NO [ ]

1. Are there incentives, particularly those involving tax or duty, intended to promote broadband universal access?

 YES [ ]  NO [ ]

1. Do national regulations take into account regional directives regarding broadband

 universal access?

 YES [ ]  NO [ ]

1. Do national regulations take into account, for broadband universal access, the specific needs of disadvantaged people, in particular the disabled?

 YES [ ]  NO [ ]

1. In cases where legislation permits broadband subscriptions, what are the amounts and the durations?

1. Are there regulatory incentives for operators to make investments in the infrastructure with a view to extending broadband to rural communities?

 YES [ ]  NO [ ]

**National experiences**

1. Can the administration or the national operator provide a significant case study on the installation in the country of a broadband system for end-users, either via direct connection or through a telecentre? (Should include regulatory, financial and economic information.)

1. Can the administration provide forecasts or prognosis for the future development of broadband universal access?

\_\_\_\_\_\_\_\_\_\_\_

 **Technology related Questions**

1. What wire-line technologies are utilized to provide broadband services?

\_\_\_\_ ISDN

 \_\_\_\_ xDSL

 \_\_\_\_ Cable (excluding fiber)

 \_\_\_\_ E1/T1

 \_\_\_\_ Fiber

 \_\_\_\_ Power Line

 \_\_\_\_ Other (please describe)

1. What wireless technologies are utilized to provide broadband services?

 \_\_\_\_ Satellite, and if so what type of system/s

 \_\_\_\_ Terrestrial IMT-2000 standards based solutions and if so which variant/s

 \_\_\_\_ IEEE 802.16-2004 standard based Fixed and Nomadic Broadband Wireless Access (BWA)

 \_\_\_\_ IEEE 802.16-2005 standard based Fixed Nomadic and Mobile (BWA)

 \_\_\_\_ IEEE 802.11 Wireless Local Area Network based systems

 \_\_\_\_ Proprietary BWA systems

 \_\_\_\_ Other (Please Describe)

**Competition**

1. Is competition permitted in the provision of Internet Access services?

 YES [ ]  NO [ ]

1. Is there competition in the local loop (local loop unbundling)?

 YES [ ]  NO [ ]

1. Is there competition among differing broadband technologies in the same geographic area? (ex. xDSL, cable, broadband wireless, etc...)

 YES [ ]  NO [ ]

1. Are there any gender barriers to broadband access (i.e. political, economic, social, etc.)?

 YES [ ]  NO [ ]

 If yes, please describe.

**Pricing and Usage**

1. What is the average price[[1]](#footnote-1) for Internet dial up access (please specify per time unit or data unit)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the average monthly price1 for broadband service (including Internet access)?

 between 64-500 kbit/s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 in excess of 500kbit/s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Do operators offer unlimited usage plans? (YES/NO)?
2. Describe the most common usage/pricing1 plan for broadband. (Please specify per time unit or data unit)
3. Do you have any preference to any scheme for pricing and why?

**Barriers to Broadband Access Deployment**

1. What are the major barriers to the deployment of broadband service? (Mark all that apply)

 \_\_\_\_Regulatory issues in general

 \_\_\_\_Access to spectrum

 \_\_\_\_Lack of existing infrastructure

 \_\_\_\_Network deployment capital cost issues

\_\_\_\_High cost for the subscriber either in terms of up front or monthly charges for access

 \_\_\_\_Not enough demand to justify infrastructure cost

 \_\_\_\_High cost of user terminals

 \_\_\_\_Technical issues such as network loading

 \_\_\_\_Lack of suitably skilled people for network construction, maintenance, operation and training

 \_\_\_\_Lack of personal computers

 \_\_\_\_Lack of power supply (electricity) to operate broadband systems

 \_\_\_\_Other (please describe)

1. Are there affordable loans/ other financial assistance for operators to provide broadband to last mile customers?

 YES [ ]  NO [ ]

 If yes, please describe (government, private, other organizations).

1. How difficult (scale of 1-5; 5 being the most difficult) is it for operators to receive licences for broadband build out?

**Miscellaneous**

28. Is there a plan for coverage of those areas where broadband is not available? If yes, please explain.

29. Do public centers (schools, libraries, hospitals, government office building complexes, telecenters, etc) offer broadband service? (YES/NO)

 If yes, are the services generally free of charge?

 YES [ ]  NO [ ]

30. If services are not free, is there a special price?

 YES [ ]  NO [ ]

31. Which broadband technology is growing the most quickly? (Wireless, xDSL, cable modem or other)

 Please insert the additional information related to the Broadband in your country:

1. Preferably in US dollars [↑](#footnote-ref-1)