\* Fields marked this way are mandatory

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| --- | --- | --- | --- | --- | --- |
| 1. Entity submitting the case study | | | | | |
|  | | | | |  |
| \*1.1 Country of entity: | | |  | | |
|  | | | | |  |
| \*1.2 Name of entity: | | |  | | |
| 1.3 Type (one reply only): | | | | | |
| □ | Member State | | | | |
| □ | Sector Member | | | | |
| □ | Associate | | | | |
| □ | Academia | | | | |
| □ | Regional Organisation | | | | |
| □ | International Organisation | | | | |
| □ | UN Organisation | | | | |
| □ | Other | | | | |
| \*1.4 Website: | | |  | | |
|  | | | | | |
| 1.5 Contact name: | | |  | | |
|  | | | | | |
| 1.6 Contact title: | | |  | | |
|  | | | | | |
| 1.7 Contact phone: | | |  | | |
|  | | | | | |
| 1.8 Contact e-mail: | | |  | | |
|  | | | | | |
| \*1.9 Contact e-mail: | | | | | |
| □ | Case study only | | | | |
| □ | Case study and discussion at the next relevant meeting | | | | |
|  | Information on who will present the case study at the meeting(s) can be entered using the contribution submission form here (<http://www.itu.int/ITU-D/CDS/contributions/sg/index.asp>) | | | | |
| 2. Case study details | | | | | |
|  | | | | | |
| \*2.1 Title: | | |  | | |
|  | | | | | |
| \*2.2 Country: | | |  | | |
|  | | | | | |
| \*2.3 Study period: | | | 2010-2014 | | |
| \*2.4 Relevant ITU-D Study Group Question: | | | | | |
| □ | All Study Group 1 Questions | | | | |
| □ | Q07-3/1: Implementation of universal access to broadband services | | | | |
| □ | Q10-3/1: The impact of the licensing and authorization regime and other relevant regulatory measures on competition in a converged telecommunication/ICT environment | | | | |
| □ | Q12-3/1: Tariff policies, tariff models and methods of determining the costs of services on national telecommunication networks, including next-generation networks | | | | |
| □ | Q18-2/1: Enforcing national policies and regulations on consumer protection notably in a converging environment | | | | |
| □ | Q19-2/1: Implementation of IP telecommunication services in developing countries | | | | |
| □ | Q20-1/1: Access to telecommunication services and information and communication technologies (ICT) by persons with disabilities | | | | |
| □ | Q22-1/1: Securing information and communication networks: Best practices for developing a culture of cybersecurity | | | | |
| □ | Q23/1: Strategies and policies concerning human exposure to electromagnetic fields | | | | |
| □ | Q24/1: Strategies and policies for the proper disposal or reuse of ICT waste material | | | | |
| □ | All Study Group 2 Questions | | | | |
| □ | Q09-3/2: Identification of study topics in the ITU-T and ITU-R study groups which are of particular interest to developing countries | | | | |
| □ | Q10-3/2: Telecommunications/ICT for rural and remote areas | | | | |
| □ | Q11-3/2: Examination of terrestrial digital sound & television broadcasting technologies & sys.,interoperability of digital terrestrial sys. with existing analogue networks, & strategies & methods of migration from analogue terrestrial to digital techniques | | | | |
| □ | Q14-3/2: Information and telecommunications/ICTs for e-Health | | | | |
| □ | Q17-3/2: Progress on e-government activities and identification of areas of application of e-government for the benefit of developing countries | | | | |
| □ | Q22-1/2: Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response | | | | |
| □ | Q24/2: ICTs and Climate Change | | | | |
| □ | Q25/2: Access technology for broadband telecommunications including IMT, for developing countries | | | | |
| □ | Q26/2: Migration from existing networks to next-generation networks for developing countries: technical, regulatory and policy aspects | | | | |
| □ | Resolution 9: Participation of countries, particularly developing countries, in spectrum management | | | | |
| \*2.5 Status (one reply only): | | | | | |
| □ | Planned | | | | |
| □ | Ongoing | | | | |
| □ | Completed | | | | |
| □ | Other. Please specify | |  | | |
| 2.6 Type of initiative (one reply only): | | | | | |
| □ | Not applicable to this initiative | | | | |
| □ | Pilot/trial | | | | |
| □ | Initiative funded by USF | | | | |
| □ | Other. Please specify | |  | | |
|  | | | | | |
| 2.7 Start year: | |  | | | |
|  | | | | | |
| 2.8 Length (years) (one reply only): | | | | | |
| □ | < 1 | | | | |
| □ | 1 | | | | |
| □ | 2 | | | | |
| □ | 3 | | | | |
| □ | 4 | | | | |
| □ | 5 | | | | |
| □ | 6-10 | | | | |
| □ | > 10 | | | | |
|  | | | | | |
| 2.9 Seat location of the initiative/project: | | | |  | |
|  | | | | | |
| 2.10 Please indicate closest main city and GPS coordinates, if possible: | | | |  | |
|  | | | |  | |
| 2.11 Size of the population concerned by the initiative/project: | | | |  | |
|  | | | | | |
| 2.12 Website of the initiative: | | | |  | |
| 2.13 Beneficiary region: | | | | | |
| □ | Global | | | | |
| □ | Africa | | | | |
| □ | Arab States | | | | |
| □ | Asia & Pacific | | | | |
| □ | CIS | | | | |
| □ | Europe | | | | |
| □ | The Americas | | | | |
| □ | Not in any region | | | | |
| 2.14 Beneficiary countries (please list): | | | | |  |
| 3. Detailed description | | | | | |
| 3.1 Detailed description: | | | | |  |
| Description of the country’s geography, terrain, climate, demographics, and socio-economic situation: | | | | |  |
| 3.2 Objectives and implementation details: | | | | | |
| Objectives and implementation details of the initiative/project applications (basic telephony, e-business, e-administration, e-education, e-health, ICT training, etc.): | | | | |  |
| 3.3 Considerations: | | | | | |
| Consideration of indigenous communities, isolated and poorly served areas, small islands and their particular needs and situations: | | | | |  |
| 3.4 Financing: | | | | | |
| Financing and partnership aspects of the initiative, including the estimated total cost of the initiative and the types of funders (e.g. sponsors’ contribution, charitable donations and subsidies from USF): | | | | |  |
|  | | | | | |
| \*3.5 Financial scale of the initiative (one reply only): | | | | |  |
| □ | Not applicable | | | | |
| □ | Less than USD 100 000 | | | | |
| □ | Between USD 100 000 and USD 499 999 | | | | |
| □ | Between USD 500 000 and USD 999 999 | | | | |
| □ | USD 1 000 000 or more | | | | |
| 3.6 Type of initiative (in relation to financing) (one reply only): | | | | | |
| □ | Not applicable for this initiative | | | | |
| □ | Governmentally subsidized (sponsored) | | | | |
| □ | Privately subsidized | | | | |
| □ | Partnership between government and private sectors | | | | |
| □ | Funded by USF | | | | |
| □ | Other | | | | |
| \*3.7 Type of application/services provided: | | | | | |
| □ | Not applicable for this initiative | | | | |
| □ | Public voice and data services | | | | |
| □ | Radio or TV broadcasting | | | | |
| □ | E-governance, e-administration | | | | |
| □ | Support for small business, e-business | | | | |
| □ | E-health | | | | |
| □ | Tele-education, e-learning | | | | |
| □ | ICT training | | | | |
| □ | Disaster preparedness / emergency support / disaster mitigation | | | | |
| □ | Environmental monitoring / protection | | | | |
| □ | Other | | | | |
| 3.8 Type of technology used: | | | | | |
| □ | Not applicable for this initiative | | | | |
| □ | Wired local loop: Copper, optical fibre, etc. (cutomer’s loop) | | | | |
| □ | Wireless local loop (customer’s loop) | | | | |
| □ | Fixed wireless access (long distance) | | | | |
| □ | Mobile wiereless access | | | | |
| □ | Satellite two-way communications: VSAT, etc. | | | | |
| □ | Wireless LANS and IP-based related networks | | | | |
| □ | Terrestrial voice, data, sound or television broadcasting | | | | |
| □ | Satellite voice, data, sound or television broadcasting | | | | |
| □ | Hybrid or combined technologies | | | | |
| □ | Other | | | | |
| 3.9 Decision-making process to determine the initiative/project: | | | | |  |
| 4. Infrastructure and regulatory environment | | | | | |
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| 4.1 Infrastructure components (Pre-existing telecommunication facilities, transport access, electricity supply, distance to the nearest local exchange and/or IP network, human resources, security, etc.): | | | | |  |
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| 4.2 Regulatory components (Universal service obligations, licensing conditions, frequency availability (for radio-based porjects), other regulatory issues,etc.): | | | | |  |
|  | | | | |  |
| 4.3 Other factors which influenced the operating environment (Manufacturers, standards, etc.): | | | | |  |
| 5. Technical description and services provided | | | | | |
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| 5.1 Architecture, type of systems, main technical characteristics, frequencies (for radio-based projects), power consumption, performances (capacity, reliability, quality of service), network management, etc.: | | | | |  |
|  | | | | |  |
| **5.2 Installation and deployment** (Network planning, subscriber management, etc.): | | | | |  |
|  | | | | |  |
| 5.3 Interconnection to national networks/backbones: | | | | |  |
|  | | | | |  |
| **5.4 For each service delivered** (POTS, “IP telephony”, etc.)**: mode** (data type and bit rate) **and quality** (voice quality and bit error rate): | | | | |  |
| 6. Cost aspects | | | | | |
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| **6.1 Cost of the equipment, cost per line and cost of the operation of the system:** | | | | |  |
|  | | | | |  |
| **6.2 Cost of each terminal and cost of the service for the user:** | | | | |  |
|  | | | | |  |
| **6.3 New technologies deployed for providing reduced cost capital and operating cost solutions:** | | | | |  |
| 7. Effectiveness and sustainability of the initiative/project | | | | | |
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| **7.1 Effectiveness and benefits of the initiative/project for the targeted user groups:** | | | | |  |
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| **7.2 Profitability of the initiative/project and/or its contribution to local entrepreneurial activities:** | | | | |  |
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| **7.3 Specific strategies to respond to the needs of women, youth, handicapped, indigenous people and other marginalized or socially disadvantaged groups:** | | | | |  |
|  | | | | |  |
| **7.4 Aspects of the initiative/project, which could be strengthened to enhance its effectiveness or sustainability maximizing the benefits of telecommunication infrastructure in rural and remote areas:** | | | | |  |
| 8. Social and human development impact | | | | | |
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| **8.1 Overview of key social and human development needs of the population in the initiative/project area:** | | | | |  |
|  | | | | |  |
| **8.2 Role and commitment of the initiative/project to addressing these needs:** | | | | |  |
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| **8.3 Socio-economic benefits for, and impacts on the community(ies) and/or at a wider level, including support for gender equity, promotion of community participation and the needs of marginalized and disadvantaged populations:** | | | | |  |
|  | | | | |  |
| **8.4 Means foreseen to enhance the initiative’s/project’s future contributions to human and social development:** | | | | |  |
| 9. Other observations | | | | | |
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| **9.1 Unexpected results and lessons learned:** | | | | |  |
|  | | | | |  |
| **9.2 Anticipated near/long-term initiative/project challenges and reorientation:** | | | | |  |
|  | | | | |  |
| **9.3 Additional information considered useful:** | | | | |  |
| 10. Related documentation | | | | | |
|  | | | | |  |
| 10.1 Notes on any changes to case study or documents: | | | | |  |
|  | | | | | |
| 10.2 Description of attachments: | | | | |  |
|  | | | | | |
| 10.3 Attachments (please list the attachments to this contribution): | | | | |  |

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