



Universal Service Fund

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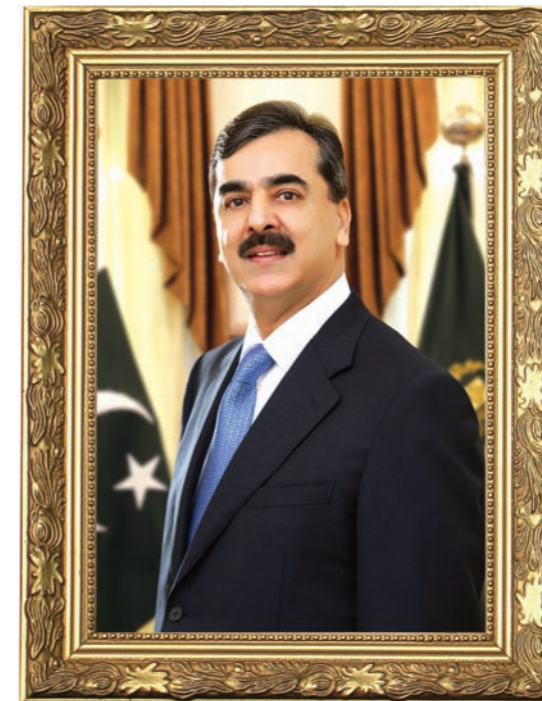
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Annual Report
2008-09



Asif Ali Zardari
President of Pakistan



Syed Yousaf Raza Gilani
Prime Minister of Pakistan

USF Team



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Directors' Report for FY 08-09

Directors' Report for FY 08-09

The Board of Directors of Universal Service Fund (USF) is pleased to present its report for the financial year 2008-09.

Overview

Fiscal year 2008-09 was a productive year for USF. During this year, USF, after successfully starting and sustaining the rural telecom programme, made the achievement of launching its Broadband and Optic Fiber Cable programmes as well.

In order to achieve the objectives of USF i.e. increasing ICT Services in rural areas, overall broadband penetration in the country and enhancement of e-services, following projects were initiated during the fiscal year 2008-09, which are presently under execution:

1. Rural Telecom Projects in the un-served areas of Dadu, Bahawalpur Mirpur Khas and Larkana divisions.
2. Achievement of three milestones in Sukkur division (telecom coverage in 190 muzas), third milestone in DG Khan division (telecom coverage in 405 muzas) and first milestone in Bahawalpur division (telecom coverage in 222 muzas) and Dadu division (telecom coverage in 107 muzas).
3. Broadband projects in the unserved urban areas of Faisalabad Telecom Region (07 districts, consisting of 56 towns), Southern Telecom Region-1(09 Districts, consisting of 77 cities & towns) and Multan Telecom Region (11 Districts, consisting of 38 cities & towns).
4. Optic Fiber projects to provide connectivity to unserved Tehsils in Sindh (700 kilometers to connect 18 Tehsils), Western Balochistan (900 Kilometers to connect 05 Tehsils) and Southern Balochistan (1,166 Kilometers to connect 14 Tehsils).
5. Two Special projects for enabling persons with disabilities to use ICT services

Financial Performance

Given below are details of the subsidies committed and the disbursed amounts for the projects:

	Programme	Subsidy committed	Disbursed Amount
1	Rural Telecom Programme		
	Projects awarded in FY 2008-09	1,656 Million	431 Million
	Projects awarded in FY 2007-08		81 Million
2	Broadband Programme	3,140 Million	627 Million
3	Optic Fiber Project	2,023 Million	404 Million
4	Special Projects		
	Connecting Persons with disabilities: ICT Opportunities for all	31 Million	28 Million
	Total	6.85 billion	1.57 billion

Through all these programmes, USF has shifted the focus of the telecom operators from urban towards rural population coverage and also come a long way to provide broadband and optic fiber services to areas yet unserved. USF plans to take more initiatives in the next financial year for proliferation of basic telephony, broadband internet, Multipurpose Community Telecenters and e-services.



Syed Hasan Shikoh
Company Secretary



Mr. Naguibullah Malik
Chairman

CEO's Message

CEO's Message



Mr. Parvez Iftikhar

Universal Service Fund proudly presents its first annual report, for the financial year 2008-09. It was definitely a prolific year for USF, during which, after starting and sustaining the rural telecom programme, we successfully launched our Broadband and Optic Fiber Cable programmes. Broadband programme is the first of its kind and we have the honour of being the pioneers to fund such projects in Pakistan.

Under the Rural Telecom Programme, despite setbacks in 3 projects (operators staying away due to prevailing security situation) USF still managed to award four contracts to PTCL and Telenor. These projects aim towards providing basic telephony and data services in remote areas of Pakistan thus creating opportunities for the individuals in rural areas to get equal access to ICT. Apart from starting new rural telecom projects, there has been a good progress in our on-going projects as well. These projects have started bearing fruits and telecom services have started in previously unserved areas of D.G.Khan and Sukkur divisions.

The second program, Broadband for Un-served Urban Areas, has been launched aiming at improving broadband penetration in those urban areas that are un-served from the Broadband perspective. The broadband programme is also giving boost to provision of other e-services like e-health, e-government, e-commerce etc. In this regard, three projects were initiated during this fiscal year in Faisalabad Telecom Region (Central Punjab), Multan Telecom Region (Southern Punjab) and Southern Telecom Region-1 (Lower Sindh).

Another highlight of the financial year 2008-09 was the launch of the 'Optic fiber connectivity to un-served Tehsils' Programme. There are around 400 Tehsils in the country and presently 30% Tehsils do not have any fiber connectivity. Extending fiber cables to all Tehsils will help the telecom service providers in extending all kinds of telecom services to those areas. It is like building information motor-ways to all

Tehsils. Contracts for 03 projects under the Optic Fiber Programme were initiated during the year under review – one in Sindh and two in Balochistan.

In the near future USF will also be launching projects pertaining to Telecentres aimed at introducing and promoting e-services in the country especially where availability of PCs and computer literacy are the main issues.

USF is also trying its bit to contribute in other fields. The special project 'ICT for Persons with Disabilities' involves providing ICT related equipment to organisations dealing with the blind, like Al-Shifa Trust Eye Hospital and Pakistan Foundation Fighting Blindness. The basic objective is to help people with disabilities and overcome their disability by using Telecom and e-services.

USF is also encouraging its contractors to go for Alternative Energy Solutions like solar so that, to start with, at least a few hundred radio base stations start running with alternate sources of energy.

One of the most important principles of USF is to adopt complete transparent policy. All bidding documents are placed on website while carrying out the bidding procedures. All procurements are made in conformity to PPRA Ordinance 2004. USF has also prepared a financial manual which covers principles, policies and procedures for recognition, recording, classification and presentation of financial transactions in light of Companies Ordinance, IAS, IFRS, Relevant Tax Laws etc.

At the end, I would like to add that we are blessed to have a very dedicated and self-motivated staff, otherwise with only 30 employees (including drivers and secretaries) all the above was not achievable. I am also indebted for the guidance provided by Ministry of Information Technology and Pakistan Telecom Authority. We promise & commit to excel even more in the coming years.

Board of Directors

Board of Directors

Public Sector	Private Sector
<p>Mr. Naguibullah Malik Chairman USF Board Secretary, IT & Telecom Ministry of Information Technology</p> 	<p>Mr. Jon Eddy Abdullah Nominee of mobile cellular licensees</p> 
<p>Mr. Mushtaq Ahmed Bhatti Member (Telecom) Ministry of Information Technology</p> 	<p>Mr. Salmaan Taseer Nominee of fixed lines licensees</p> 
<p>Dr. Muhammad Yaseen Chairman Pakistan Telecommunication Authority</p> 	<p>Mr. Azfar Manzoor Nominee of data licensees</p> 
	<p>Ms. Frieda Essa Representative of consumer groups</p> 
	<p>Mr. Parvez Iftikhar CEO Universal Service Fund</p> 

An Overview of Universal Service Fund

An Overview of Universal Service Fund

USF was established by the Government of Pakistan (Ministry of Information Technology) to spread the benefits of telecom revolution to all corners of Pakistan. The fund consists of contributions (1.5% of adjusted revenues) by the Telecom Operators with no government funding involved. To utilize this fund for achievement of the targets, it was decided to follow a "Public Private Partnership" Model. This led to establishment of Universal Service Fund (USF) Company under Section 42 of the Companies Ordinance 1984.

The main objectives of Universal Service Fund (USF) are to:

- Increase the level of telecom penetration significantly in the rural areas
- Improve Broadband penetration in the country
- Enhancement of e-services, both in rural as well as urban areas of the country.

Universal Service Fund (USF) finances spread of telecom services to previously un-served or under-served areas and makes it possible for licensed telecom operators to provide services to those areas, on normal commercial (read: competitive) terms. Telecom services include basic telephony, broadband internet, infrastructure for these services (like Optic Fiber) and Community Tele-centers (for those who cannot afford the necessary instruments/devices). Challenge before USF is to achieve the targets through an efficient and transparent process. Therefore, all disbursements of the fund are done through open competitive bidding, encouraging full

competition among telecom licensees.

When USF was established, only 80% of Pakistan's total population was covered by the fixed line, WLL, and cellular operators jointly. Only approximately 70% of the rural population in Pakistan was covered by at least one telecom service provider, and in many areas there was a lack of capacity so even if a subscriber requested service, he/she would not immediately be satisfied. Rural tele-density including fixed, WLL and mobile services, was estimated at about 1%.

Since its inception, USF has come across various challenges to achieve its objectives. Problems such as security issues, accessibility (physical/electronic), power crisis, increase in costs (inflation, rupee exchange rate), high taxes coupled with high operational expenses and low revenues have been arising during the implementation of the programmes.

In spite of the issues narrated above, USF, in a period of two years, has shifted the focus of the telecom operators from urban towards rural population coverage and also came a long way to provide broadband and optic fiber services. Through the projects launched in FY 2008-09, basic telephony and data services will be provided to 1,605 Muzas in the country and a population of 2.19 million will benefit from them. In addition to this, broadband services will be provided to around 170 cities/towns and optic fiber connectivity to 27 unserved tehsils. The details of these projects have been covered in the subsequent sections of the report.

Programmes

Rural Telecom Programme

Broadband Programme

Optic Fiber Programme

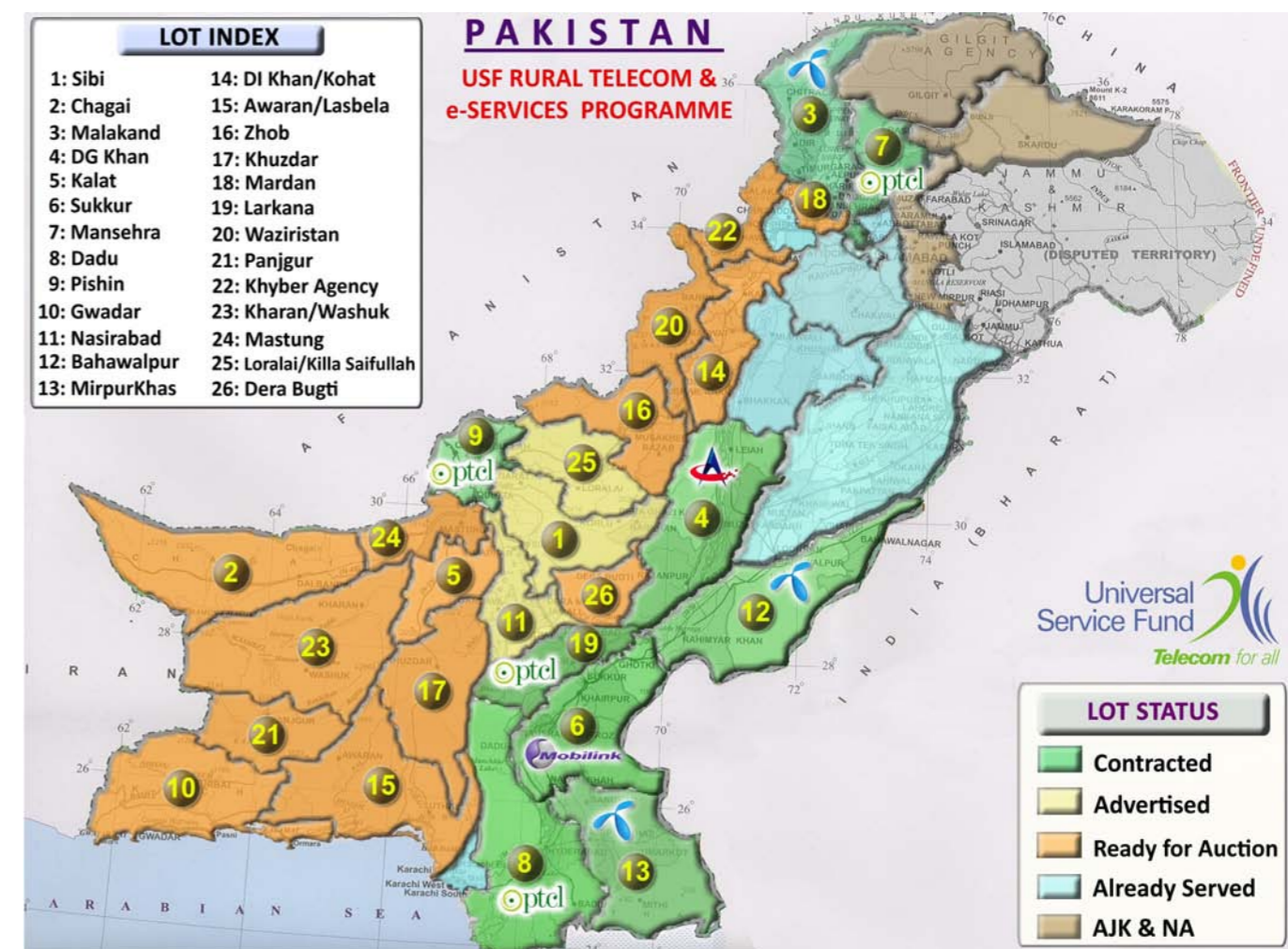
Special Projects

Programmes

i. Rural Telecom Programme

USF has been running rural telecom projects to provide basic telephony and data services in several remote areas of Pakistan thus creating opportunities also for the individuals in rural areas to get equal access to ICT facilities.

This section covers the projects initiated during the FY 2008-09 and the overall progress of rural telecom projects during this financial year. It may please be noted that that the security conditions in the country greatly affected the progress of USF projects during FY 2008-09.



a. New Projects



Basic Telephony and Data Services in Dadu Lot – July 2008

Dadu Lot consisting of 4 districts (Badin, Dadu, Hyderabad and Thatta) and 12 tehsils has an un-served population of around 648,361. This population lives in 427 muzas.

Universal Service Fund and PTCL entered in a contract under Rural Telecom Programme to provide basic telephony and data services in the un-served

areas of Dadu on July 25, 2008. A subsidy of Rs. 250 Million is being provided to PTCL for providing these services.

By the end of this financial year, first project implementation milestone (25%) for USF Dadu Lot has been achieved covering a total of 101 muzas in Dadu, Badin, Hyderabad and Thatta.



Basic Telephony and data services in Bahawalpur Lot –September 2008

Bahawalpur Lot consisting of Bahawalnagar, Bahawalpur and Rahim Yar Khan Districts has an un-served population of around 242,144 people. This population lives in 888 muzas.

The contract to provide basic telephony and data services in the un-served areas of Bahawalpur was signed on September 22,

2008. A subsidy of Rs.248 Million is being provided to Telenor for providing these services.

By the end of this financial year, first project implementation milestone (25%) for Bahawalpur Lot has been achieved covering a total of 72 muzas in Bahawalnagar, Bahawalpur and Rahim Yar Khan.



Basic telephony and data services in Mirpur Khas Lot – March 09

Mirpur Khas "Lot", consisting of Sanghar, Tharparkar, Umerkot and Mirpur Khas districts has an un-served population of around 1.13 million (13% of the total population of Sindh). This population lives in 218 muzas,

spread over 18,000 square kilometers.

USF and Telenor entered into a Rs. 930 Million contract to provide basic telephony and data services to the population in the yet un-served areas of on March 13, 2009.



Basic telephony & data services in Larkana Lot – May 2009

Larkana lot consisting of Larkana, Jacobabad and Shikarpur districts has an un-served population of 165,000. This population lives in 72 muzas. This lot covers 7% of the area and 10% of the total estimated population of Sindh.

In order to provide basic telephony and data services in un-served areas of Larkana and Shikarpur districts, Universal Service Fund awarded the contract to PTCL on May 17, 2009. A subsidy of Rs. 228 Million is being provided to PTCL for this project for providing these services.

b. Progress of the projects awarded in FY 07-08



Technical Audit of 3rd Milestone in DG Khan Lot in progress

Technical audit of 3rd project implementation milestone (75%) for DG Khan is in progress in the

districts of DG Khan, Rajanpur, Layyaaah and Muzaffargarh.



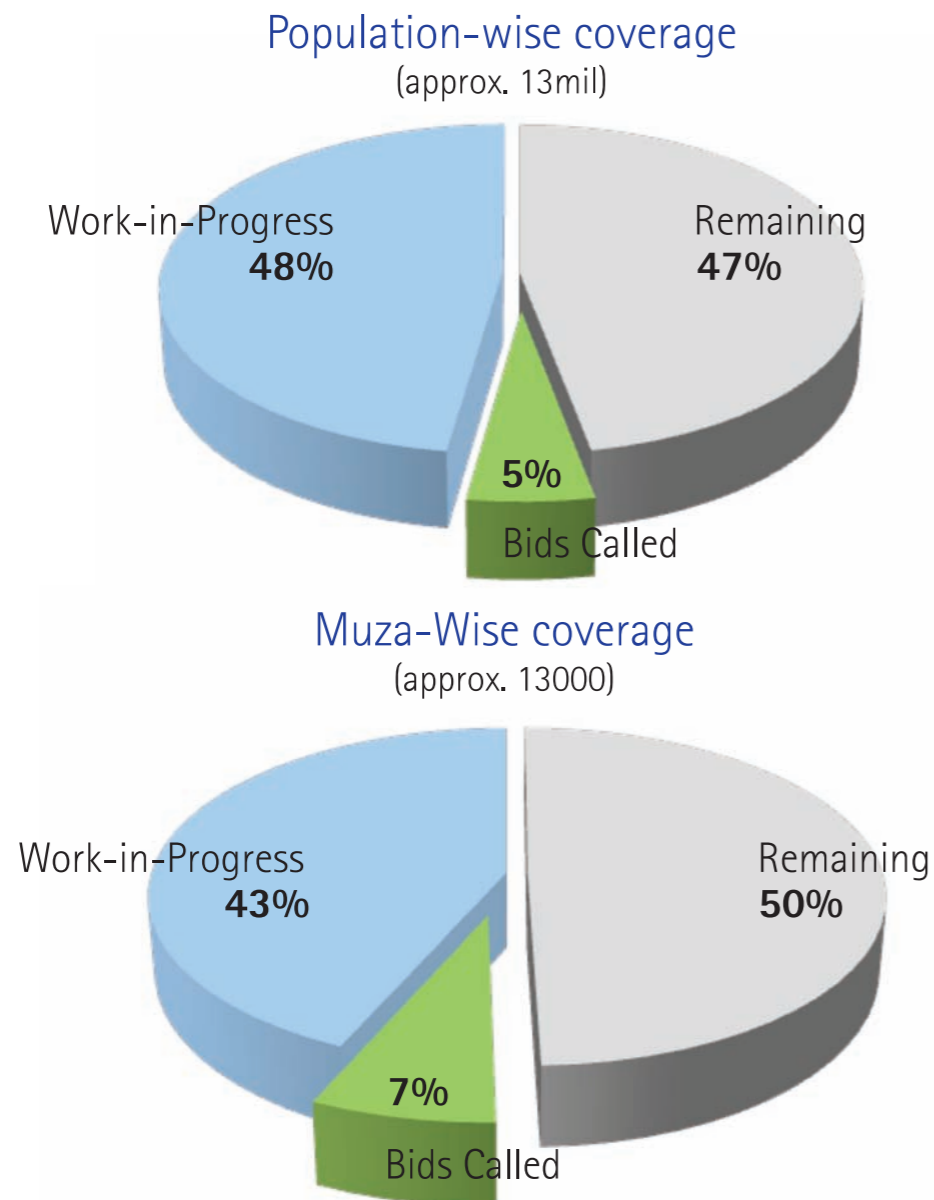
Technical Audit of final milestone in Sukkur Lot

Technical audit for final implementation milestones (100%) for Sukkur Lot is under progress. Once the final milestone is completed, Mobilink would have

covered all the unserved muzas in the districts of Sukkur, Ghotki, Khairpur, Nawabshah and Naushehro Feroze.

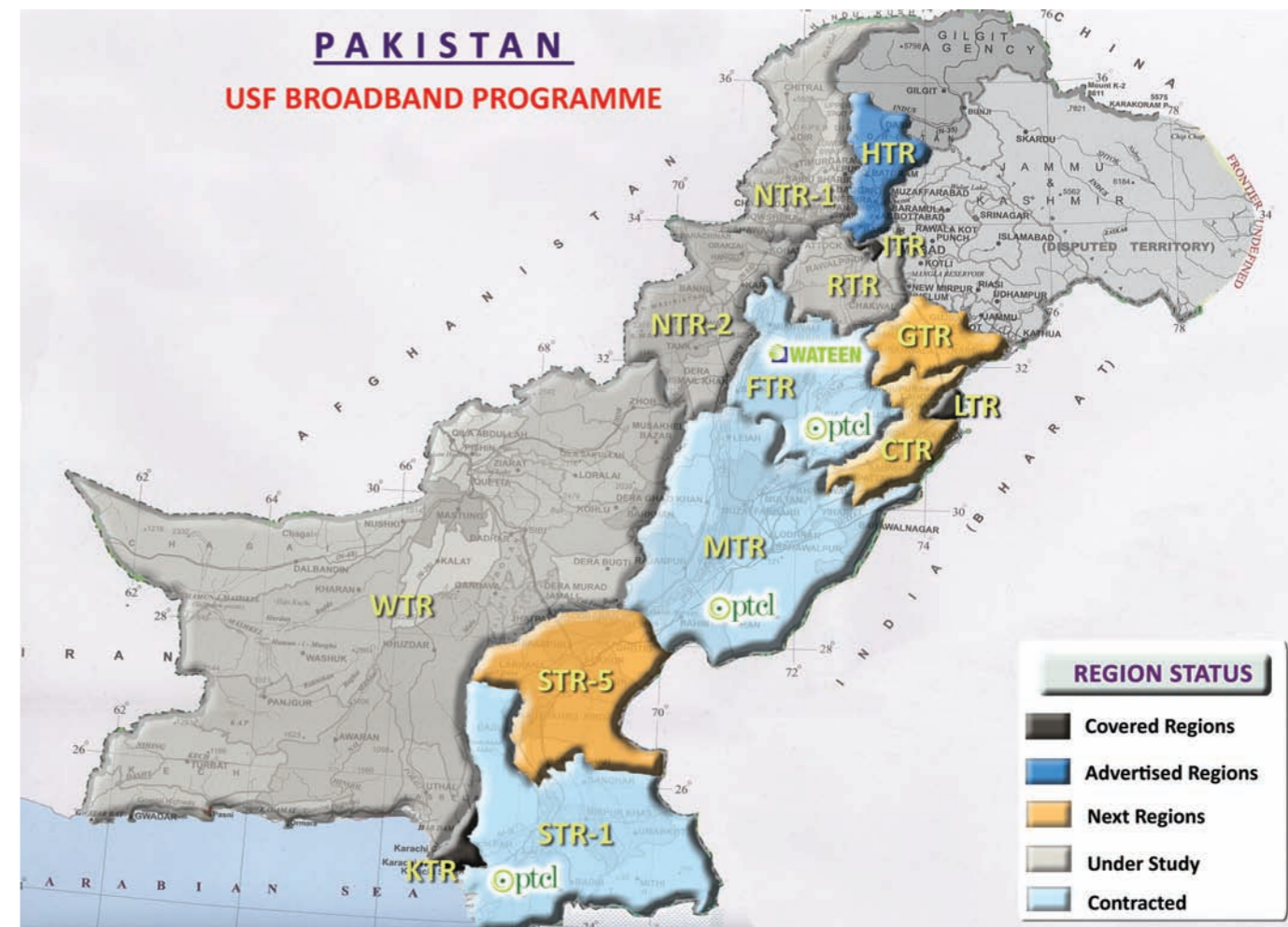
c. Achieved in Rural Telecom Projects till 30th Jun 2009

The pie-charts given below highlight the achievements made under the rural telecom programme in terms of covering population and muzas till June 30, 2009. Almost half of the country's population and muzas have been covered through the projects for providing basic telephony and data services so far.



ii. Broadband Programme

USF Broadband programme aims to deliver the social and economic benefits of ICTs to the masses through affordable broadband, thus helping to achieve Government's objective of breaking the poverty cycle and eliminating the social divide. USF plans to run this programme all over the country for providing broadband in un-served urban areas of Punjab, Sindh, Balochistan and NWFP.



a. Broadband in un-served urban areas of Faisalabad Telecom Region – April 2009



Faisalabad Telecom Region (FTR) comprises the districts of Faisalabad, Jhang, Sargodha, Toba Tek Singh, Khushab, Bhakkar and Mianwali. Universal Service Fund awarded first contracts, worth Rs. 1.4 Billion in total, for providing Broadband Services in the Un-Served Urban areas of FTR (excluding the city of Faisalabad) to PTCL and Wateen Telecom on April 27, 2009. Through this project, initially 72,500 broadband connections will be provided by PTCL and 16,500 by Wateen Telecom. FTR (excluding the city of Faisalabad) has 56 towns and cities of various sizes with numerous potential broadband

users like: hospitals, distance learning centers of Open University, Banks, NADRA centers/kiosks, Government Offices, Libraries, Courts, Industries and various other institutions, in addition to a population of more than 3 Million that could benefit from broadband services. A major highlight of this project will be the establishment of more than 250 Educational Broadband Centres in all the High-Schools and Colleges in these towns and cities, besides more than 100 Community Broadband Centres will be set up which will provide Broadband to those who cannot afford their own computers.

b. Broadband services in the un-served urban areas of Multan Telecom Region – June 2009

Multan Telecom Region (excluding the city of Multan) has 37 cities/towns in 11 districts of Bahawalnagar, Bahawalpur, D.G. Khan, Khanewal, Leyyah, Lodhran, Multan, Muzaffargarh, Rahim Yar khan, Rajanpur and Vehari. Universal Service Fund signed contract worth Rs. 1.16 Billion for the project to provide broadband in un-served

urban areas of Southern Punjab (Multan Telecom Region) with PTCL. This project also includes establishment of Educational Broadband Centres (EBCs) in 206 high-schools, colleges and libraries plus 58 Community Broadband Centers (CBCs) for those who cannot afford PCs.

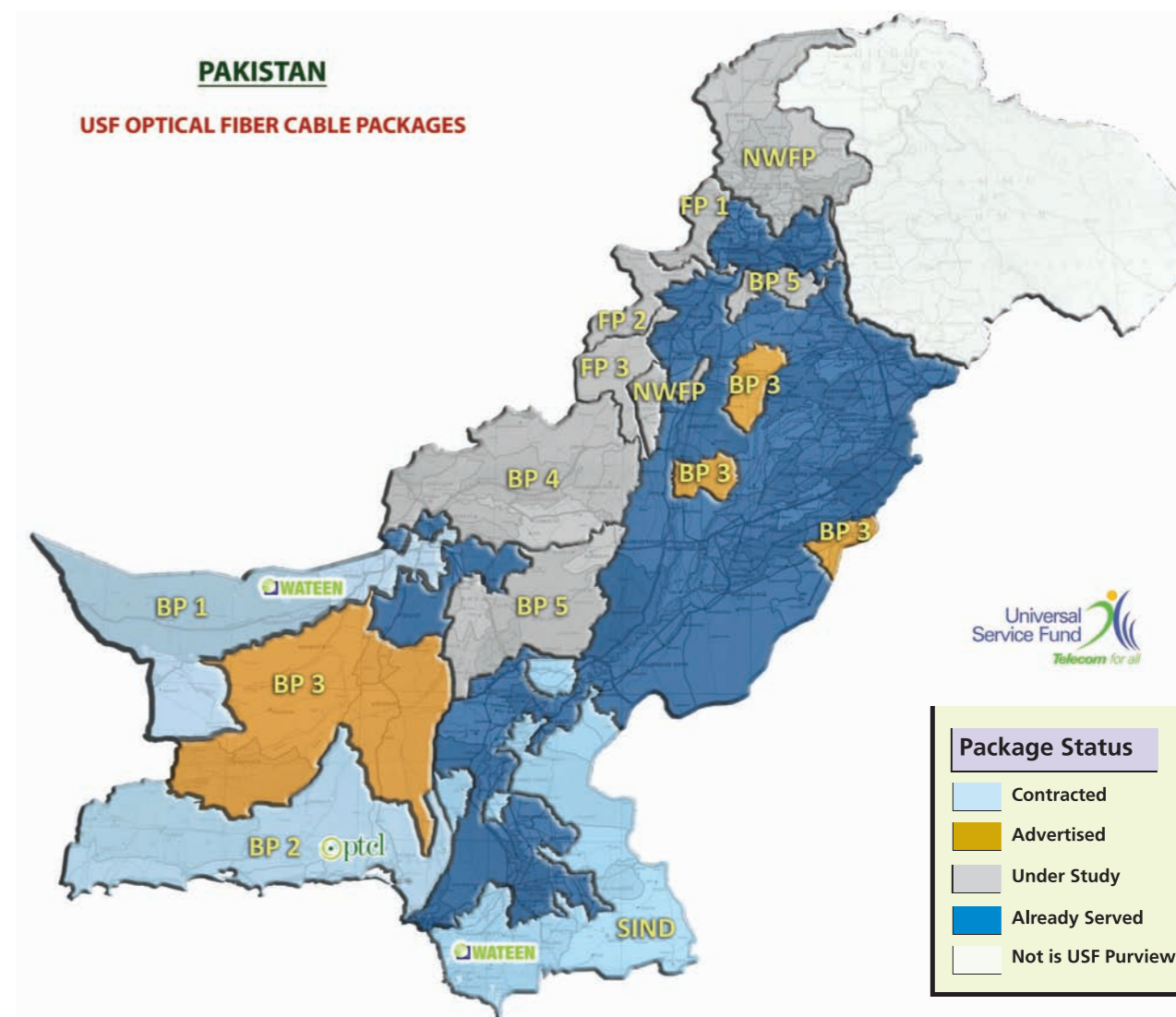
c. Broadband services in Southern Telecom Region-I – June 2009

STR-1 comprises the districts of Badin, Dadu, Hyderabad, Jamshoro, Mirpur Khas, Sanghar, Tharparkar, Thatta and Umerkot. Contract worth Rs. 550 Million for providing broadband in Lower Sindh (Southern Telecom Region-1) was

awarded to PTCL for providing broadband in STR-1 (minus the city of Hyderabad). 82 Educational Broadband Centres (EBCs) and 43 Community Broadband Centers (CBCs) will also be established in 77 un-served towns/cities of STR-1.

iii. Optic Fiber Connetivity to un-served Tehsils

USF aims to promote development of telecommunication services in un-served and under-served rural areas of Pakistan to make available and affordable the voice telephony and basic data services, throughout the length and breadth of the country. This requires also the establishment of a stable and reliable Optic Fiber Network in all corners of the country. This project aims to extend the Optic Fiber connectivity to the un-served Tehsil HQs in Pakistan, for meeting the growing requirements of Voice, Data and Video in these areas.



a. Optic Fiber Connectivity to un-served Tehsils in Sindh-Feb 2009



USF signed a Rs. 449 Million contract with Wateen Telecom to provide Optic Fiber Connectivity to every un-served Tehsil in Sindh on February 11, 2009. The estimated total cost of the project is around Rs. 700 million. Through this contract, 18 out of a total of 91 Tehsils in Sindh which have no access to Fiber Optics, will be connected to rest of the country with Fiber. The approximated route length of cable to connect these 18 Tehsils comes to more than 700 Kms and will benefit an un-served population of 3.5 million.

This initiative will reap tremendous benefits, like facilitating:

- Basic Telephony (Cellular, fixed) especially for very remote areas
- Broadband internet (wired and wireless)
- All kinds of E-services (Tele-medicine, tele-centres, e-governance, e-commerce etc)

This project was awarded by conducting a reverse auction bidding process for the award of a one time subsidy.

Till June 30, 2009, 25% of the cable has been laid by Wateen Telecom under this project.

b. Optic Fiber Connectivity to un-served Tehsils in Western Balochistan- May 2009



Universal Service Fund awarded another contract worth Rs. 374 million to Wateen Telecom to provide Optic Fiber connectivity to 5 un-served Tehsils of Western Balochistan (Dasht, Noshki, Dalbandin, Mashkhel and Taftan)

touching also the cities of Dringar, Ahmadwal, Nokundi and Chaghi) on May 17, 2009. Wateen Telecom shall be laying 900 kilometers of Optic Fiber Cables to connect these Tehsils.

c. Optic Fiber Connectivity to un-served Tehsils in Southern Balochistan-June 2009

Contract worth Rs. 1.2 billion was awarded to PTCL for laying 1,166 Km Optic Fiber cables in Southern Balochistan. This will provide connectivity to the Tehsils of Bela, Pasni, Turbat and Hub Tehsil Head Quarters including Jhal Jao, Awaran,

Dureiji, Peerdrk, Dasht, Mehnaz, Buleda, Kalag, Jiwani, Kalatuk, Nodaiz, Hoshab, Nasirabad, Bilecha, Tump, Gwadar, Uthal, Duddar, Kanraj cities. In addition, this cable will provide additional link to Gawadar and other coastal towns of Balochistan.

No	Province	Tehsils without Fiber	In Percent
1	Punjab	05	04%
2	Sindh	18	19%
3	N.W.F.P	16	31%
4	Baluchistan	42	64%
5	FATA	32	76%
Total		113	31%

iv. Special Projects

Connecting Persons with Disabilities: ICT opportunities for all

● Project with Al-Shifa Trust – July 2008



In line with World Telecom and Information Society Day (WTIS) Day 2008, USF signed contract worth Rs. 25 million of its Special Project with Al-Shifa Eye Trust to 'Enable Persons With Disabilities to Use Telecom services' which aims to increase accessibility of IT and telecom for people with low vision on July 08, 2008.

Given below are the objectives of the project:

- To strengthen the Low Vision Center at Rawalpindi to make it a comprehensive Low Vision Unit of the country and a Center of Excellence through expansion of infrastructure, facilitating induction of

trained professionals and provision of modern computerized low vision equipment.

- To up-grade and replicate the Low Vision Center at Sukkur through provision of modern computerized low vision equipment
- To establish a Low Vision Center at Kohat Et Sukkur, on the lines of Rawalpindi Low Vision Units.

The low vision centre in Rawalpindi was inaugurated in May 2009.

● Project with Pakistan Foundation Fighting Blindness- September 2008



USF entered in a Special Project contract worth Rs. 6.7 Million with Pakistan Foundation Fighting Blindness (PFFB) in September 2008 to run a project with persons with disabilities with the following objectives:

- Digitalization of Audio World Library

Establishing Internet Café at Darakhshan Rehabilitation Centre

The contract was signed by the head of PFFB, Ms. Saima Ammar, who is herself a courageous visually impaired lady.

Financial Highlights of FY 08-09

Financial Highlights of FY 08-09

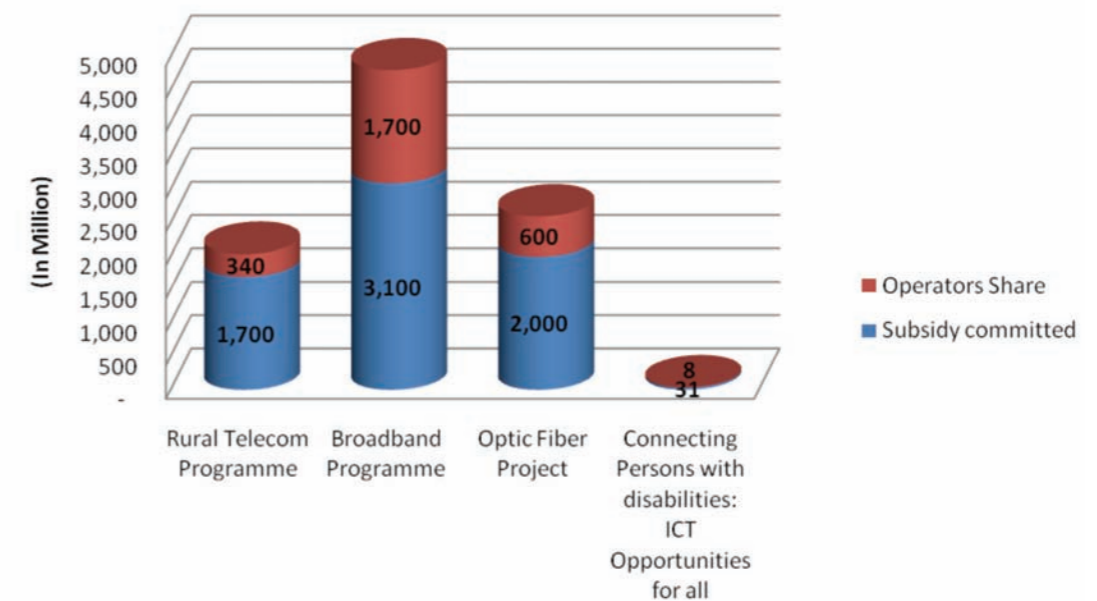
a. Subsidy for the Programmes

Programme	Subsidy committed	Estimated Cost	Disbursed Amount
1 Rural Telecom Programme	1.7 billion	2.04 billion	512* million
2 Broadband Programme	3.1 billion	4.8 billion	628 million
3 Optic Fiber Project	2.0 billion	2.6 billion	404 million
4 Special Projects			
Connecting Persons with disabilities: ICT Opportunities for all	31.5 million	39.7 million	28 million
Total	6.8 billion	9.48 billion	1.57 billion

* Out of Rs. 512 M, Rs. 81 M, has been disbursed against projects awarded in FY 07-08

It is estimated that Rs. 9.48 billion is being invested including Rs. 1.57 billion against USF investment of Rs. 6.8 billion

USF Subsidy and Operator's Share

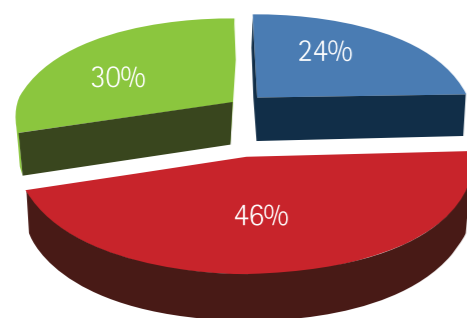


In fiscal year 08-09, relatively more funds have been committed to Broadband, as bidders in Rural Programme hesitated to bid for difficult areas like Chaghi, DI Khan and Kalat etc. However the total overall committed Funds for Rural Telecom Projects are still higher.

Subsidy Break up

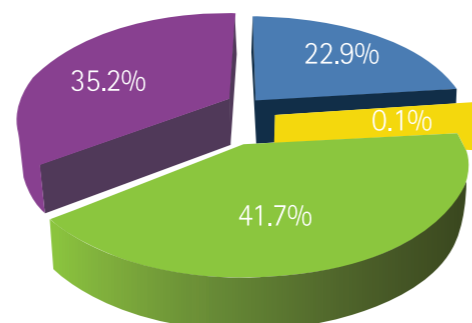
S.No.	Project	Subsidy
1	Rural Telecom Programme	
i	Dadu	250 Million
ii	Bahawalpur	248 Million
iii	Mirpurkhas	930 Million
iv	Larkana	228 Million
2	Broadband Programme	
i	FTR-I (Pilot Region)	1430 Million
ii	MTR-1	1161 Million
iii	STRI-1	550 Million
3	Optic Fiber Programme	
i	Sind (Pilot Package)	449 Million
ii	Balochistan PKG-1	374 Million
iii	Balochistan PKG-2	1200 Million
4	Special Projects	
i	Connecting Persons with Disabilities: ICT Opportunities for all	
a	Project with Al-Shifa Eye Trust	24.8 Million
b	Project with Pakistan Foundation Fighting Blindness	6.7 Million
Total subsidy committed during 2008-09		6.85 Billion

Programme Wise Subsidy Breakup
FY 2008-09



■ RTes ■ Broadband ■ Special Project

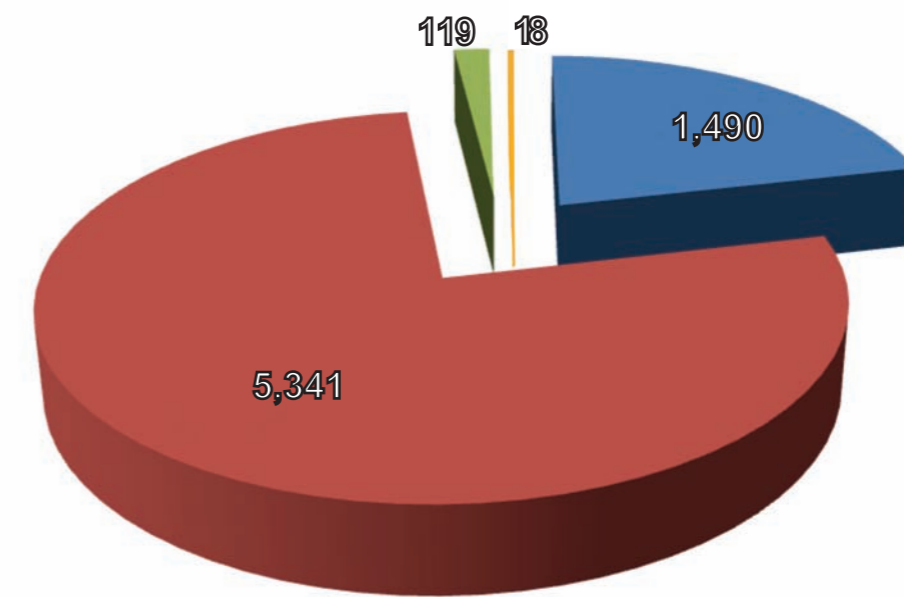
Province Wise Subsidy Breakup
FY 2008-09



■ Balochistan ■ NWFP ■ Punjab ■ Sind

NWFP's relatively small share is due to the security situation in the province during FY 08-09

Disbursements (in million)



■ Disbursed Amount for the projects awarded in FY 08-09 ■ Subsidy Committed but Not Disbursed
■ Company Expense ■ Technical Audit Fees

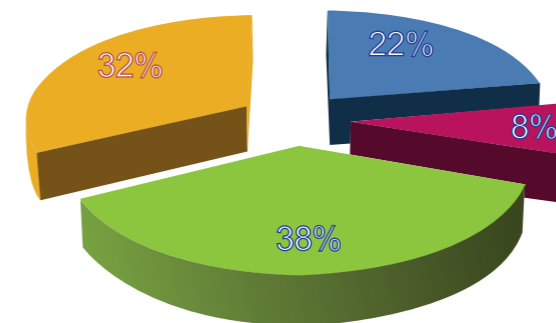
b. Technical Audits

Technical Audit	Amount (Rs in Million)
Technical Audit Services In Malakand Lot	28.6
Technical Audit Services In DG Khan Lot	12.6
Technical Audit Services In Sukkur Lot	11.3
Technical Audit Services In Bahawalpur Lot	8.9
Technical Audit Services In Pishin Lot	6.7
Technical Audit Services In Dadu Lot	6.4
Total	74.5 Million

Financial Highlights from inception till June 30, 2009

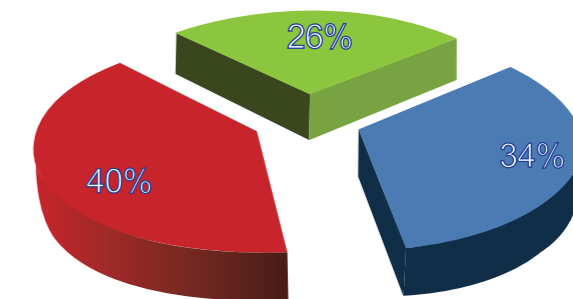
Financial Highlights from inception till June 30, 2009

Province Wise Subsidy Breakup



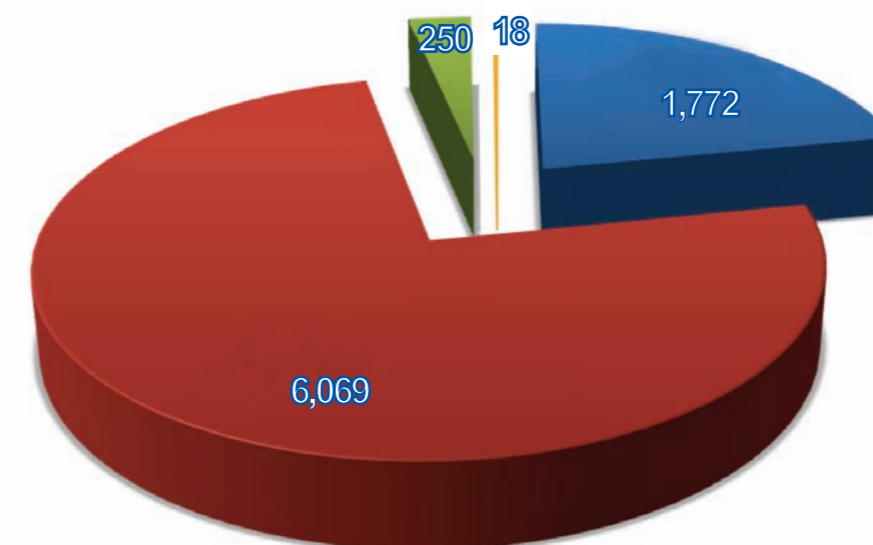
■ Balochistan ■ NWFP ■ Punjab ■ Sind

Programme Wise Subsidy Breakup



■ Rural Telecom Programme ■ Broadband Programme ■ Special Projects

Disbursements from inception till June 30, 2009 (in million)



■ Disbursed Amount for the on-going projects ■ Subsidy Not Disbursed ■ Company Expense ■ Technical Audit

Future Outlook

Future Outlook

i. Rural Telecom Programme

In the next financial year i.e. 2009-10, Universal Service Fund will be awarding contracts for the following projects:

a. Nasirabad	Nasirabad consists of 4 districts (Bolan, Jaffarabad, Jhal Magsi and Nasirabad) and 7 tehsils. 648 Muzas	and un-served population of around 487,000 people will benefit from this rural telecom project.
b. Killa Saifullah/Loralai Lot	This Lot includes Killa Saifullah, Loralai districts. 258 un-served muzas and	population of around 223,000 people will benefit from this rural telecom
c. Khuzdar	This Lot comprising the district of Khuzdar, consists of 766 un-	served Muzas and population of 240, 816 people
d. Kalat	This Lot comprising the district of Kalat consists of 468 un-served	Muzas and population of 119,956.
e. Mastung-Nushki	This Lot comprises the districts of Mastung and Nushki and consists	of 201 unserved Muzas and population of 153,279.
f. Sibi	This Lot comprises the District of Sibi and consists of 57 un-served	Muzas and population of 55,902.
g. Lasbela	This Lot comprises the district of Lasbela and consists of 258 un-served	Muzas and population of 178,234.
h. Awaran	This Lot comprises the district of Awaran and consists of 133 un-	served Muzas and population of 72,651.
i. D.I.Khan	This Lot comprises the districts of D I Khan, Tank, Lakki Marwat and	Bannu and consists of 57 un-served Muzas and population of 111,122.

ii. Broadband Programme

a. Hazara Telecom Region (HTR)	This region consists of Abbottabad, Batagram, Dassu, Haripur and Mansehra Districts. This project targets an urban population of 0.6M in 17 Cities/Towns of HTR.	The project includes establishment of Educational Broadband Centres (EBCs) in 148 high schools, colleges and libraries and 21 Community Broadband Centres (CBCs).
b. Gujranwala Telecom Region (GTR)	GTR comprising the districts of Gujranwala, Gujrat, Mandi Bahauddin, Narowal, Hafizabad and Sialkot has 48 towns and an	un-served population of 3.3 million. USF plans to establish an estimated 300 EBCs and 70 CBC's in GTR.
c. Southern Telecom Region-V (STR-V)	STR-V comprising the districts of Nawabshah, Naushero Feroze, Larkana, Shikarpur, Sukkur, Ghotki, Jacobabad and Khairpur has	61 towns and an un-served population of 3.2 million. USF plans to establish an estimated 300 EBCs and 77 CBCs in STR-V.
d. Central Telecom Region (CTR)	CTR comprising the districts of Kasur, Okara, Pakpattan, Sahiwal and Sheikhupura has 36 towns and an	un-served population of 3.3 million. USF plans to establish an estimated 224 EBCs and 61 CBCs in CTR.
e. Rawalpindi Telecom Region (RTR)	RTR comprising the districts of Attock, Chakwal, Jhelum and	Rawalpindi, has an unserved population of 1.4 million.
f. Northern Telecom Region-1 (NTR-1)	NTR-1 comprises selected areas of Districts of Charsadda, Chitral, Mardan, Nowshera, Peshawar,	Swabi excluding the city of Peshawar. This region has an unserved population of 1.1 million.

iii. Optic Fiber Project

a. Balochistan-Punjab Package-3	The Balochistan-Punjab-Package 3 will be launched for bidding to provide Optic Fiber Connectivity to Surab, Kharan and Bahawalnagar Tehsils including towns of Basima, Awaran Saleemabad, Khuzdar, Nal, Gidder, Nag, Panjgoor, Zehri, Dogan,	Hoshab, Chowkizam, Chobara, Quaidabad, Addhi Surgul, Aadhi Kot, Rangpur Bakhor, Nurpur, Minchinabad cities. The un-served tehils have a population of 692,365 and it will benefit from this project with 1,069 kms of Optic Fiber Cable.
b. Balochistan-Punjab Package-4	Balochistan Package 4 consists of un-served Tehsil headquarters and towns in Districts of Killa Abdullah, Killa Saifullah, Loralai,	Musakhel, Pishin, Zhob Et Ziarat. Optic fiber cable with the approximate length of 670 kms will be laid in this project.
c. Balochistan-Punjab Package-5	Balochistan Et Punjab Package consists of the un-served Tehsil headquarters and towns in Districts of Attock, Barkhan, Bolan, Dera Bugti,	Kacki, Kohlu, Nasirabad Et Rawalpindi. Optic fiber cable with the approximate length of 716kms will be laid in this project.

iv. Special Projects

a. Special Project for Conversion of Computer Centres into Tele-centres	USF in the next fiscal year will be launching a Special Project for Conversion of Computer Centres into Telecentres which will aim at offering internet connectivity to those who are running "Computer Centers" (Public places	for use/training of computers) in rural or semi urban areas. After evaluation, verification and necessary formalities, USF will arrange for the internet connectivity to the qualified "Computer Centers".
b. Establishment of Sustainable Multi-purpose Community Tele-centres (MCTs) in Pakistan March 2009	Setting up of Multipurpose Community Tele-centers (MCTs) offering broadband internet connectivity and access to e-services tailored for urban/rural communities along with voice and other services, is considered to be an important component of the USF Policy. Therefore, USF plans to launch a programme	to establish Multi-purpose Community Telecenters (MCTs) aimed at introducing and promoting e-services throughout the country, mainly where availability of PCs and computer literacy are the main issues. USF is also acquiring consultancy services for conducting a study for covering possible ways/models



c. Project to Setup Tele-medicine Network

Considering the lack of health-care facilities in Pakistan and the need to improve them through ICTs, Universal Service Fund intends to fund the pilot projects for setting-up tele-medicine-networks at following:

- Nishtar Medical Hospital-Multan with DHQ hospitals at Vehari, Khanewal, Lodhran and Muzaffargarh
- Jinnah Postgraduate Medical Centre (JPMC) with DHQ hospitals at Badin, Thatta, Dadu and Nowshera Feroze.
- Holy Family Hospital Rawalpindi with

District Headquarter (DHQ) Hospital Chakwal, Tehsil Headquarter (THQ) Hospital -Talagang, THQ Hospital -Murree, Rural Health Centre (RHC) -Domail (Basaal), Rural Health Centre (RHC) - Balkasar

Through this project, specialized medical care and support will become available to the patients at an affordable cost. Moreover, the quality of medical decisions will also be improved by making existing information about patients more easily available.

Glimpses of technical audits conducted during FY 08-09

Glimpses of technical audits conducted during FY 08-09

Sukkur



Dera Ghazi Khan



Dera Ghazi Khan



Dadu



Dadu



Bahawalpur

