



**PAKISTAN-OFC AND BROADBAND  
PROLIFERATION**

**ESCAP- EXPERT CONSULTATION ON THE  
ASIAN INFORMATION AND REGIONAL  
CONNECTIVITY  
BAKU 3-4 DECEMBER 2013**

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MINISTRY OF IT  
PAKISTAN**

# Background

- Telecom Sector was De-regulated in 2003
- Tele density has grown from 3% at that time to presently 77.5%
- Sector dominated by voice services particularly GSM mobile (approx 72 %)
- De-regulation resulted in deploying of OFC by private operators mainly for long haul connectivity
- Very low OFC deployment in access side other than highly populated urban centers
- Universal Service Fund was established in 2006

## Universal Service Fund

- Universal Service Fund promotes the development of telecommunication services in un-served and under-served areas throughout the length and breadth of the country.

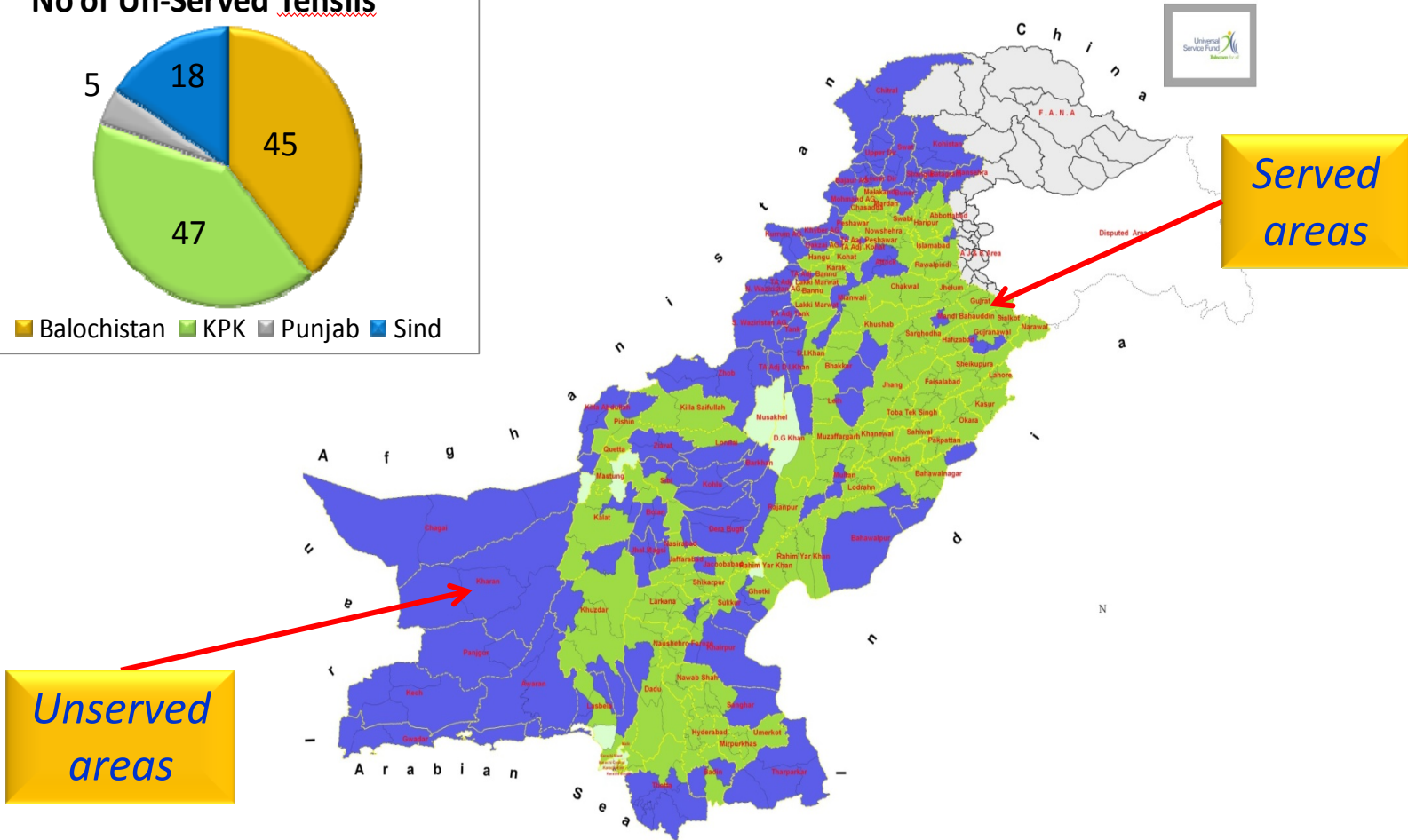
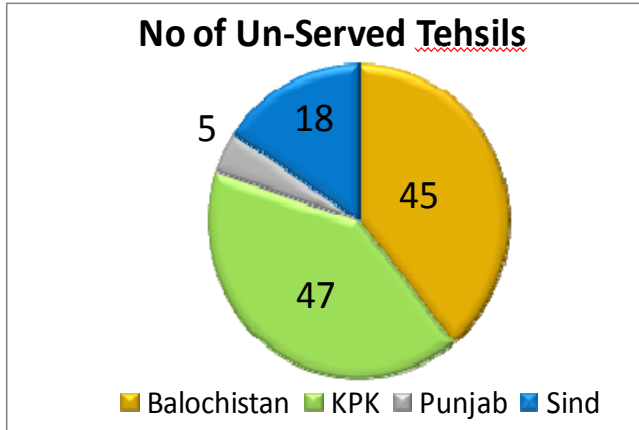
- Major programs:

- Rural telephony
- OFC
- Broadband Proliferation
- Tele-centers (Recent initiative)

# Challenges

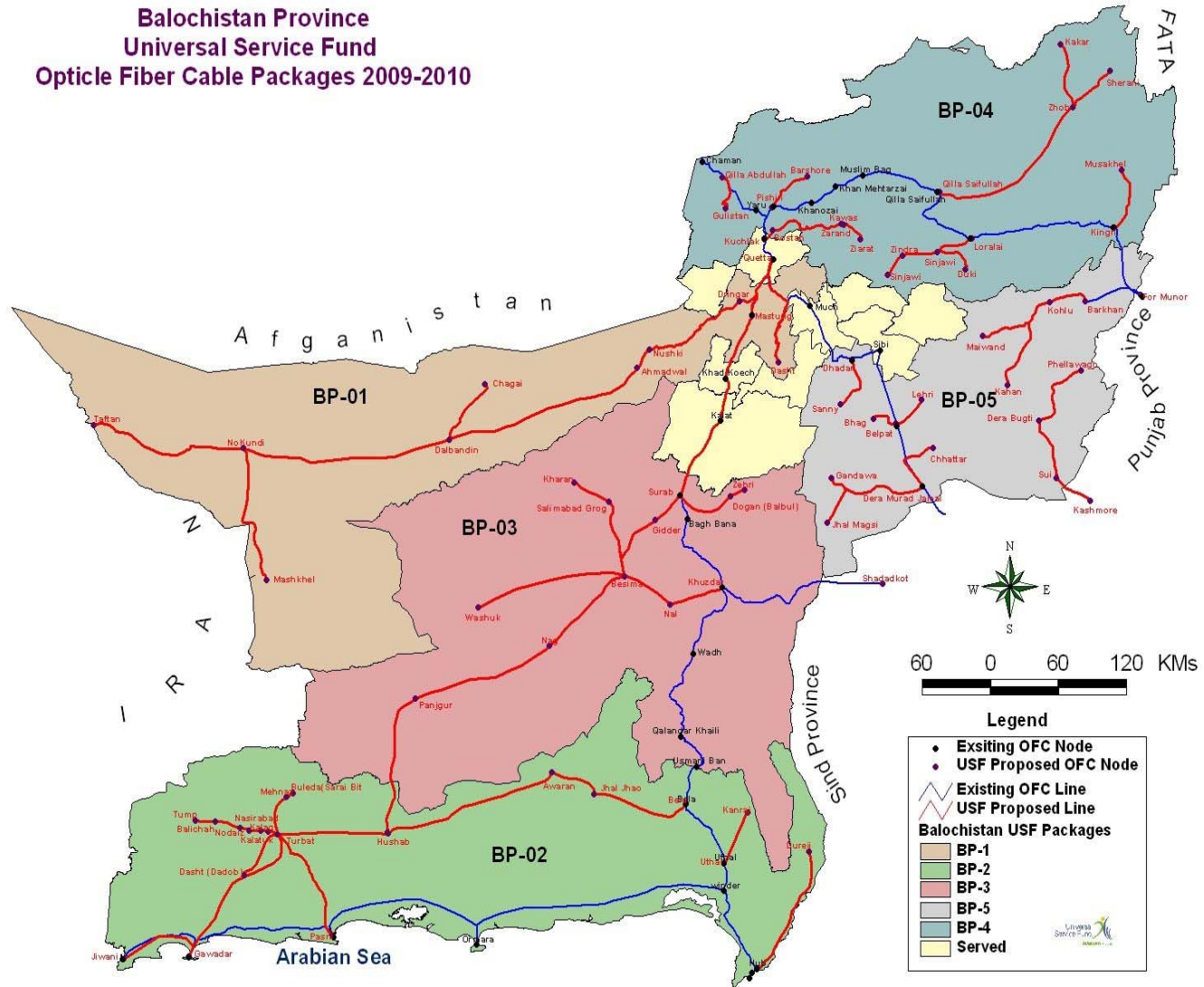
- Low Literacy Rate
- Uneven population density
- Lack of Local Content Development
- Infrastructure Development in Rural Areas

# Optic Fibers in unserved areas (2006)



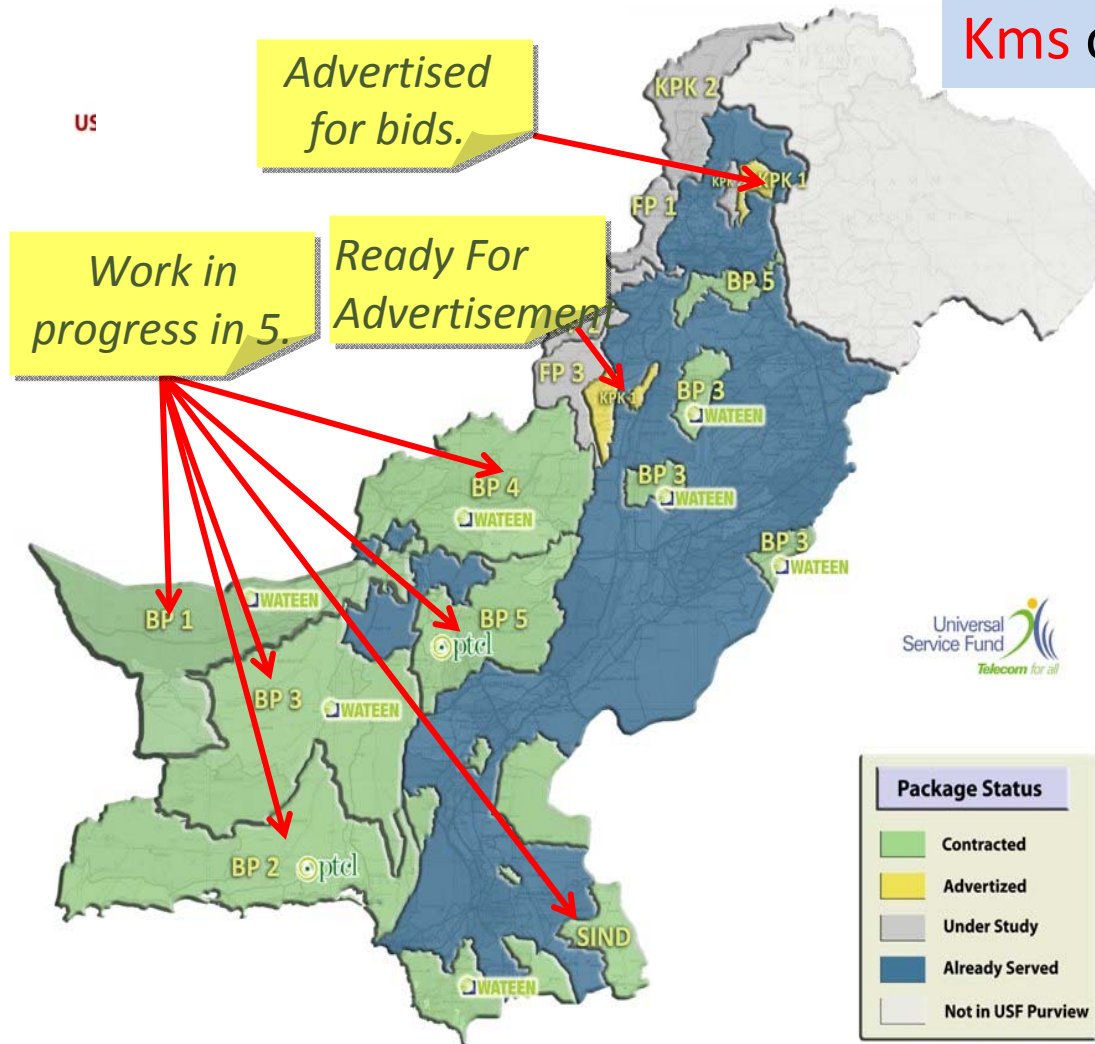
# Optic Fibers - mainly in Balochistan

Balochistan Province  
 Universal Service Fund  
 Opticle Fiber Cable Packages 2009-2010



# Optic Fibers - 11 'Packages'

So far 76 Tehsils and towns have been served with help of **4,983 Kms** of Cables



No	11 Packages of unserved Tehsils	Route in Kms
1	SIND	1038
2	BALUCHISTAN – 1	884
3	BALUCHISTAN – 2	1,291
4	BALUCHISTAN – 3	1,377
5	BALUCHISTAN – 4	1,313
6	BALUCHISTAN – 5	800
7	KHYBER-PAKHTUNKHWA– 1	309
8	KHYBER-PAKHTUNKHWA– 2	428
9	FATA—1	420
10	FATA—2	430
11	FATA—3	450
<b>Total</b>		<b>~ 8,740</b>



Package Status	
<span style="color: green;">■</span>	Contracted
<span style="color: yellow;">■</span>	Advertized
<span style="color: grey;">■</span>	Under Study
<span style="color: blue;">■</span>	Already Served
<span style="color: white;">■</span>	Not in USF Purview

## ber Optic Coverage in Pakistan

of Tehsils in Pakistan: 406

of Un-served Tehsils:115

age : 71 %

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_6019](https://www.yunbaogao.cn/report/index/report?reportId=5_6019)

