



Sustainable Development in Central Asia and the Role of Digital CASA

Digital CASA Regional Program: Building the Foundations of Digital Economy

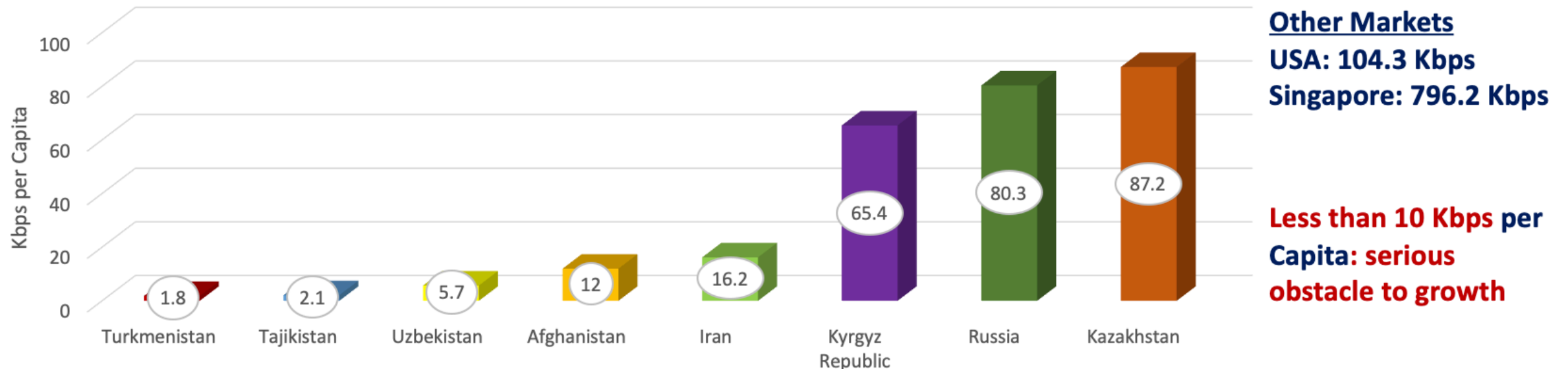
Central and South Asia: Disconnected in the digital age

Poor quality and expensive internet connectivity

General reasons:

- Incomplete policy and regulatory environments
- Landlocked, global Internet traffic bypassing CA
- Limited regional integration
- Limited use of ICT
- Low level of private investment

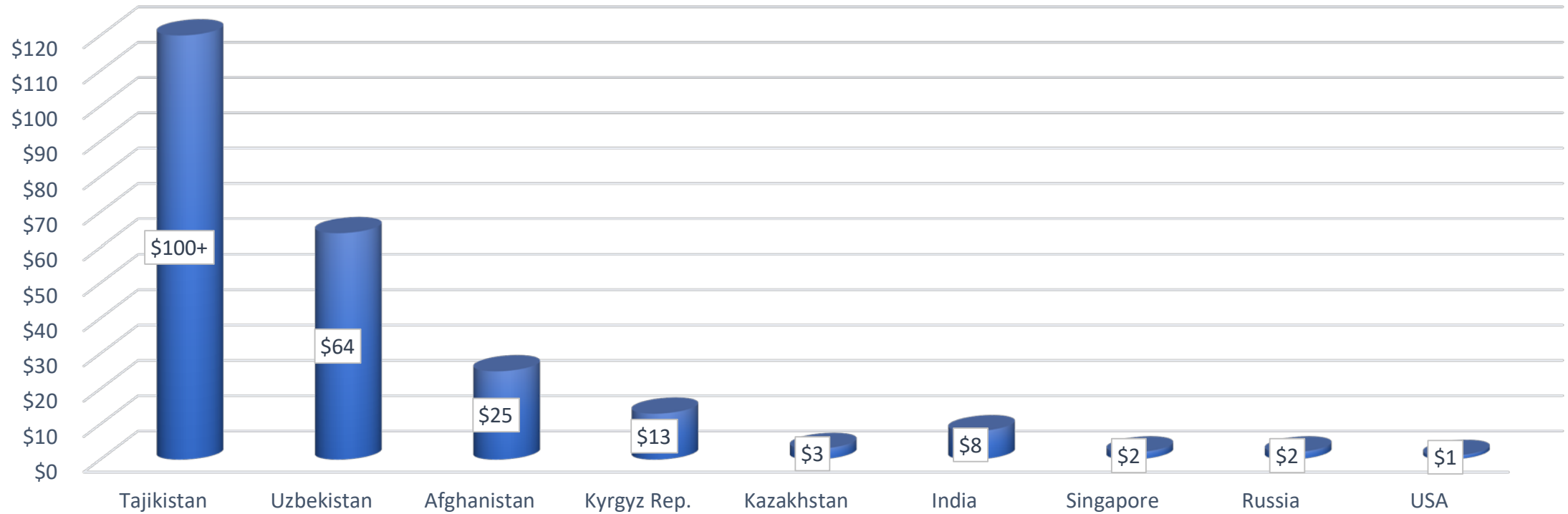
Bandwidth per Capita (Kbps, 2017)



Source: Terabit Consulting

Wholesale transit pricing per Mbps (\$USD, 2017)

YE 2017



Source: Terabit Consulting

Lack of Affordable Internet Impacts International Positioning

International Indices (2017/18) / # Countries	UZB	KAZ	KYR	TJK	TKM
ITU ICT Development (2017) / 176	95	52	109	--	--
UN E-Government Development /193	81	39	91	131	147
UN E-Participation /193	59	42	75	134	186
ITU Global Cybersecurity /175	52	40	111	107	143
UNCTAD B2C E-Commerce /151	86	53	114	--	--

Digital CASA Regional Program Objectives

Digital CASA Regional Program aims to increase access to more affordable internet, crowd-in private investment, and improve participating government's capacity to deliver digital government services in Central Asia and parts of South Asia, through the development of a regionally integrated digital infrastructure and enabling environment.

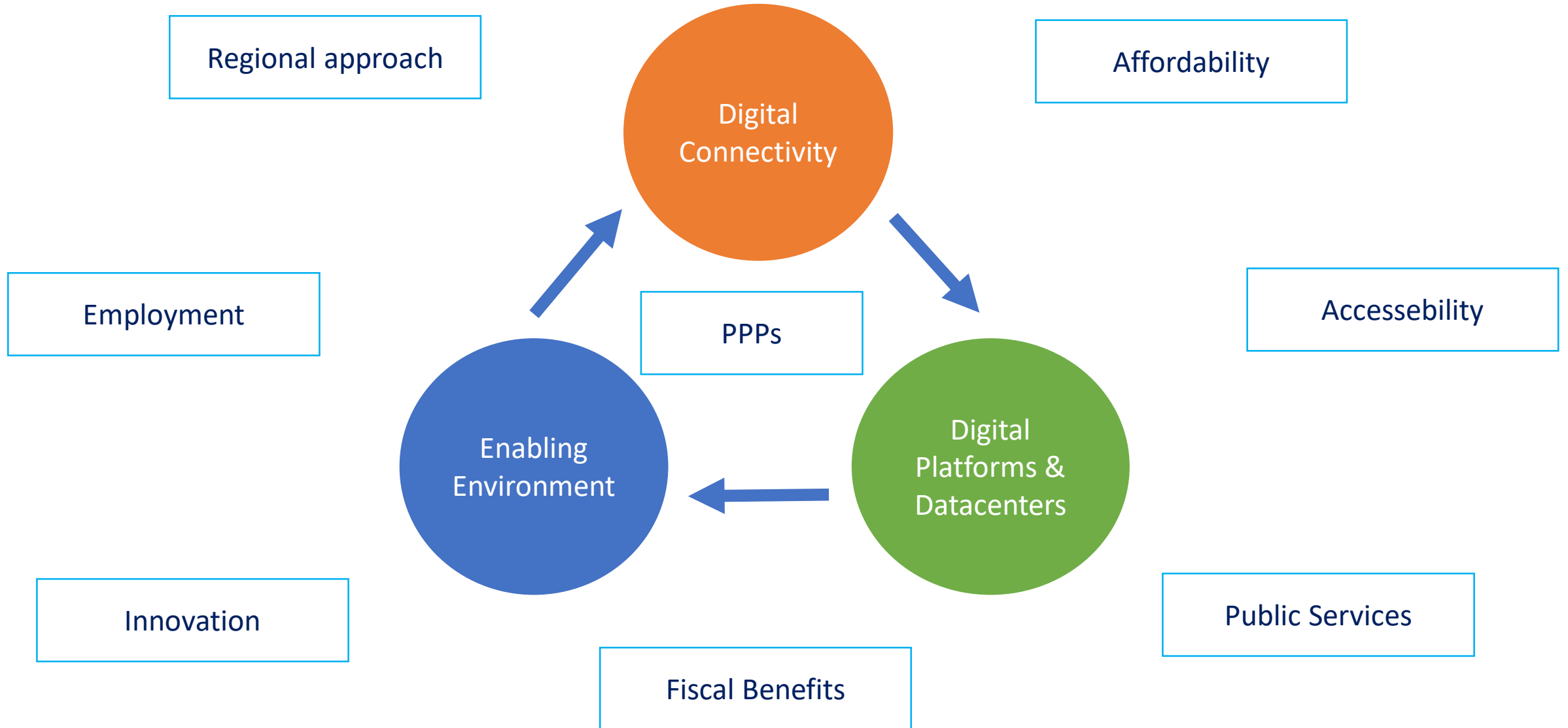
In line with the findings of the World Development Report 2016 “Digital Dividends”, the project is expected to lead to:

- increased economic growth,**
- improved employment opportunities**
- better service delivery by government and the private sector.**

First countries to join:

- Kyrgyz Republic (US\$50 million) – approved by World Bank Board on 20 March 2018**
- Afghanistan (US\$51 million) – approved by World Bank Board on 28 March 2018**
- Dialogue ongoing with Tajikistan, Uzbekistan**

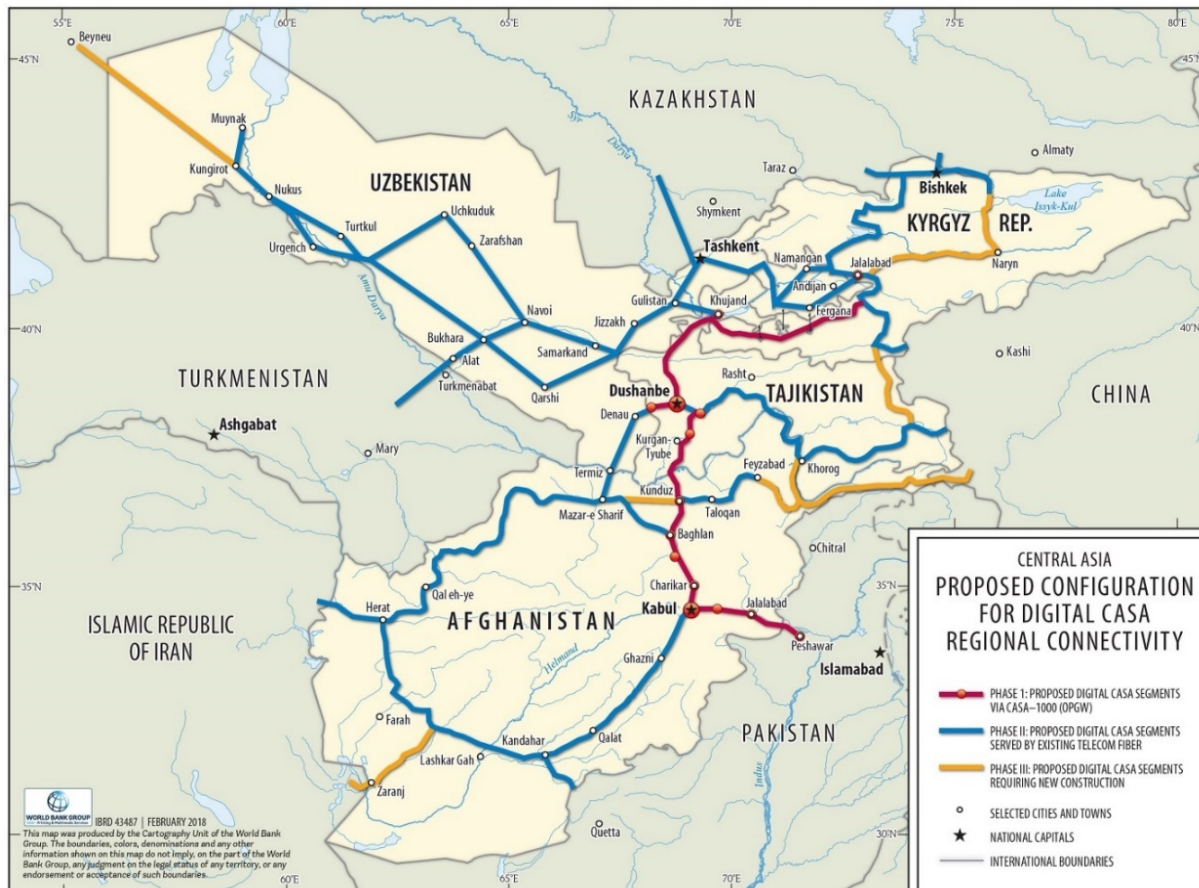
Digital CASA Regional Program Approach



Digital CASA Regional Program

Interrelated components of the Program

- Digital connectivity
- Enabling Environment
- Digital Platforms and Datacenters
- Priority digital services



The outcomes of Digital CASA Regional Program include:

1. Increase in the number of people provided with access to the Internet.
2. Significant social benefits related to more efficient delivery of services and enhanced citizen participation, including in health, education, among others.
3. Increase in the number of e-Services and Applications Utilizing the Shared Services Platform.
4. Development of the ICT sector and digital job opportunities through increased productivity of firms, technological innovations across industries.
5. Facilitation of cross-border trade of knowledge, products (e.g. e-commerce) services across the region.
6. Generation of indirect government revenue sources.

Digital CASA Kyrgyzstan Project Components

Component 1. Digital Connectivity Infrastructure

- Improving regional connectivity: Regional backbone networks and domestic fiber-optic networks
- Increasing the capacity and reach of the government network “G-Net”

Component 2: Regional Datacenters, Digital Platforms and Smart Solutions

- Digital government infrastructure and shared platforms (data centers, e-ID, data integration and portals) – Eurasia Cloud Regional Datacenter Network
- E-services and data innovations in key sectors

Component 3: Enabling Environment for Digital Economy

- Creation of a favorable legal, regulatory and institutional enabling environment for digital transformation
- Partnerships, ICT Skills Development and digital Innovations

Component 4. Project Management and Communications

- Project management activities, citizen engagement.
- Project Implementation Unit establishment, operating costs

Некоторые идеи для размышления

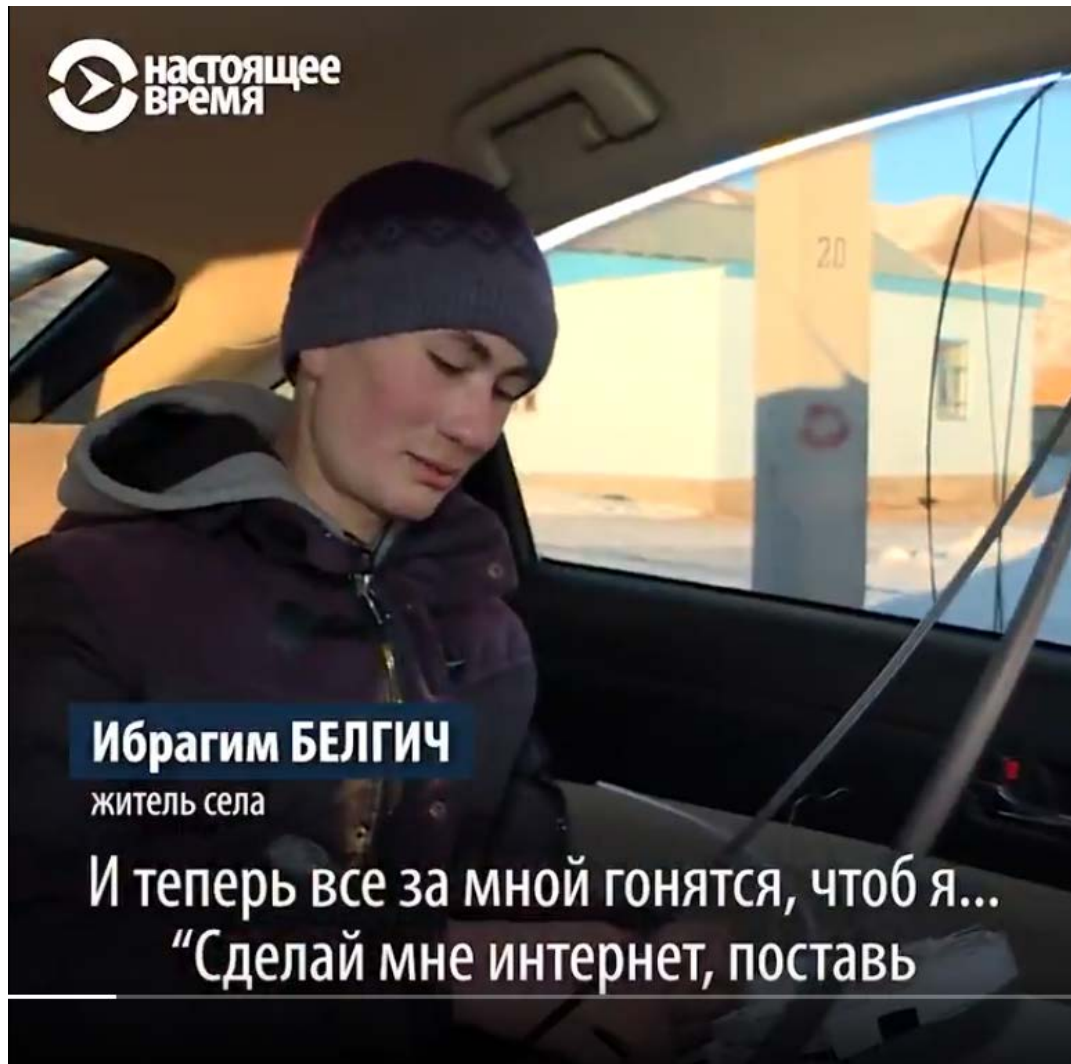
«МикроИнтернет Провайдеры»

Создать облегченные условия, как в свое время создали условия для микрокредиток



CC by
@stevesong

Общинные интернет сети подключают к интернету самые труднодоступные регионы



WORLD

World in Progress: Digitalization in Kyrgyzstan

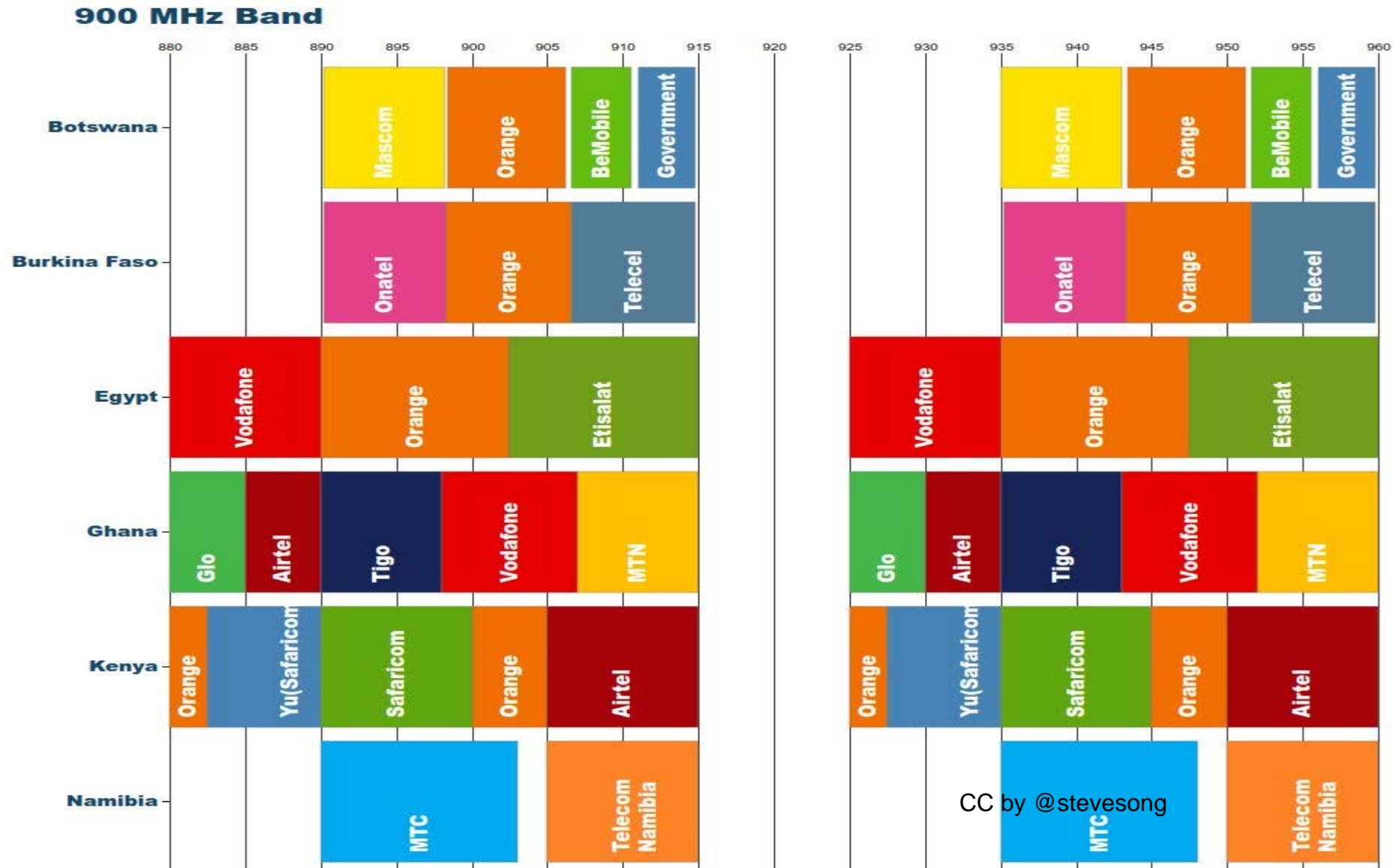
Kyrgyzstan is a landlocked mountainous country with only a few sizeable cities. More than half of the population lives in rural areas with limited access to modern technologies such as the Internet. As a result, less than 40 percent of people there use the internet. Now a group of entrepreneurs has begun to change that by introducing WiFi connections to remote villages.



Облегчить
доступ к
частотам

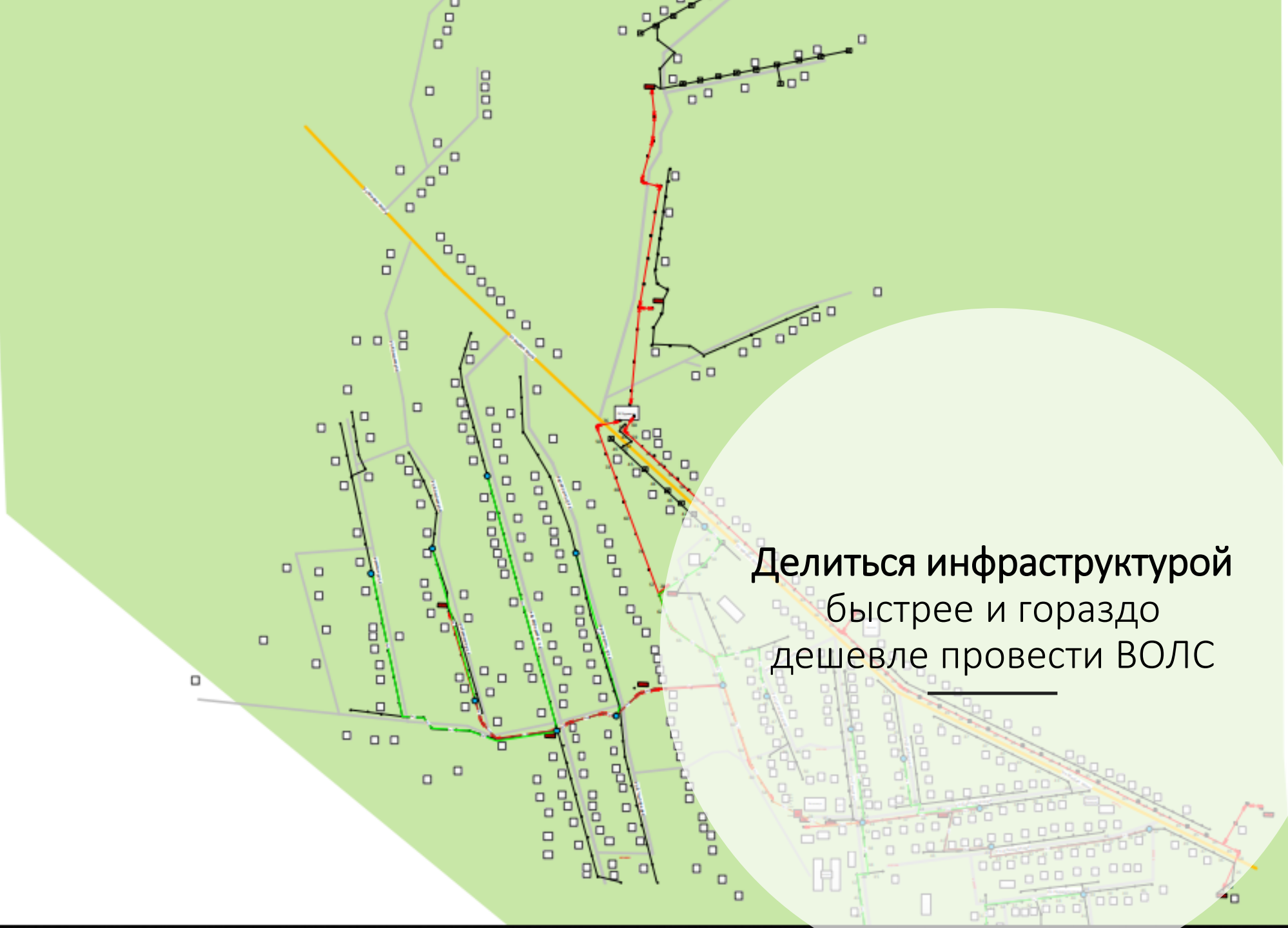


Облегчить доступ к частотам



Другие обозначения:

- ДУ** - Домовой узел связи
- КВУ** - Квартальный узел связи
- - Магистральная муфта - ММ
- - Абонентская Муфта+Сплиттер - МА
- - Муфта(UP Link)
- - нет прохода для монтажа кабеля
- ⊗** - Фонарь. опора
- ⊗** - Трол. опора
- - Элек. Опора деревянная
- - Элек. Опора бетонная
- - Дом в сети
- - Неподкл. дом
- - потенциальный абонент
- ⊕** - дом на стадии фундамента
- - Муфта в ящике
- - ЛЭП 10 кВ
- - ЛЭП 110 - 35 кВ
- тп** - Трансформаторная подстанция
- тп34
43** - Номер опоры
- Ф-1** - Опора на территории



Делиться инфраструктурой
быстрее и гораздо
дешевле провести ВОЛС

Увидеть
Париж и...





...и наладить коммуникации

Спасибо за внимание!

