



Ministry of Information Technology
& Telecommunication

DIGITAL PAKISTAN

Pakistan's Perspective; Progress & Requirements of Implementing CAREC Digital Strategy 2030

2nd CAREC Digital Strategy Steering Committee (DSSC), 19th April 2024

Our Commitment

- The Government of Pakistan reaffirms its full commitment to the CAREC Digital Strategy 2030's vision to create a Common CAREC Digital Space and promote a Data-Driven Digital Economy across the region.
- Pakistan is undergoing a remarkable technological revitalization, driven by a commitment to innovation which is evident in its emphasis on skills development, investment in infrastructure, digital inclusion, and building a secure digital environment.
- The government strives to create an enabling environment and an ecosystem through a broad range of legislative, policy, regulatory, and operational initiatives focusing on digital inclusion to help reap the full benefits of digitalization.

DIGITAL PAKISTAN VISION

DIGITAL PAKISTAN

Privacy & Security



E-Governance



ICT Infrastructure



**Human Resource
Development**



**Innovation &
Entrepreneurship**



**IT & ITes
Development & Export**



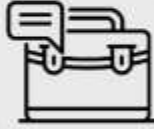
**Fintech, E-Commerce
& Digital Platforms**

Collaboration & Partnership

Pakistan's Digital Landscape



50K+
ICT Graduates / year



600K+ IT & ITeS
Professionals



20K+ SECP Registered IT
& Allied Companies



100+ STPs, ITPs and
Incubators



2nd largest Freelance
pool in Software
& Technology



170+
Exporting Countries



\$ 400M+ Raised
by Startups last year

USF



Telecom Towers: 2,600+
OFC laid: 10,260+ Km
Population served: 24.2 m

Broadband subscribers
& mobile data usage grew
by 124% & 220%
respectively
since 2017



8
International
cables



20+
Data Centers



6
Cloud Service
Providers

Initiatives aligned with CAREC Digital Strategy 2030

Pillar 1: Leadership Governance Investment

- Through the robust mechanism of the Universal Service Fund in Pakistan, more than 10,260 Km of Optic Fiber Cable has been laid in the unserved and underserved areas of the country, serving ~24.2 m people in 12,600+ Mauzas
- Installed an integrated digital platform 'Pakistan Single Window', transforming cross border trade
- Launched no. of initiatives to digitize public service delivery, enhancing government's ability to address the needs of citizens:
 - E-government ERP (E-office)
 - Prime Minister's Youth Programme App & Portal
 - Flood Response Management Executive Dashboard
 - Automation of Excise Taxes with City App
 - National Jobs Portal
 - Automation of Cabinet proceedings
 - Hajj App



Initiatives aligned with CAREC Digital Strategy 2030

Pillar 2: Digital Policy Enablers and Safeguards

- National Cyber Security Policy- 2021
- Cyber Security Strategy 2023-2028 for the telecom industry
- Establishment of National & Sectoral CERTs to combat cyber-attacks
- Legislation on Personal Data Protection & National AI Policy (underway)

Initiatives aligned with CAREC Digital Strategy 2030

Pillar 3: Broadband Infrastructure Resilience Digital Platforms

- Initiated process for rolling out 5G technology
- Establishment of Telecom Tribunal
- Right of Way (Facilitation)
- Telecom Infrastructure Sharing Framework
- Deployment of National Roaming Platform
- National Plan for Fiberization (underway)
- Pakistan Cloud First Policy 2022
- National Space Policy
- Digital Economy Enhancement Project (DEEP)

Initiatives aligned with CAREC Digital Strategy 2030

Pillar 4: Digital Skills & Competencies

- Digiskills Training Program: 1.3 m freelancers trained
- Specialized IT Skills training targeting 200,000 university graduates
- Graduate level courses through HEIs/Universities
- Vocational level courses through TVET institutes & school/colleges

Initiatives aligned with CAREC Digital Strategy 2030

Pillar 5: Innovation, Entrepreneurship, and ICT Competitiveness

- Establishment of a network of National Incubation Centers (NICs)
- Creation of Pakistan Startup Fund
- BridgeStart Pakistan Program
- Efforts to facilitate digital payments
- Establishing Co-working centers for freelancers

Way Forward

- Transnational ICT infrastructure, interlinking CAREC member countries.
- Joint efforts to establish Data Centers, Internet Exchange Points (IXPs) and Cloud Computing facilities and Smart Cities across the region.
- Establishment of a dedicated platform for technical policy consultations and exchange of lessons learnt & best practices.
- Joint research and capacity building programs in emerging technologies/concepts (such as Digital Public Infrastructure (DPI), Smart Government, Blockchain, AI, IoT, Cloud Computing and Robotics etc.) and enhancing the utility of CAREC Institute.

Thank You