



***Almaty Bishkek Economic Corridor (ABEC)
Strategic Planning Meeting, Kuala Lumpur,
March 1-2, 2017***

Session IV: ICT cutting across ABEC

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2 March 2017**

About Digital ABEC

- ABEC is about **efficient connectivity and digital economy**
- ICT as an **enabler** in
 - Agriculture
 - Health
 - Education
 - Tourism
- An ICT **packaged approach** for reaping benefits of economies of scale, and better knowledge management
- USD 40 million ICT investments proposed in **first phase**

Proposed snap shot of Recommendations

Application Services	Capacity Development	Infrastructure Services	Institutional Support	Policy Development
<ul style="list-style-type: none">• eAgriculture• eTourism• eHealth	<ul style="list-style-type: none">• ICT Incubators• CoE for Innovation• Training	<ul style="list-style-type: none">• Digital ABC Cloud• Wireless Zones• Command Center	<ul style="list-style-type: none">• Digital ABCI Committee• ICT Evangelist• Brand Building	<ul style="list-style-type: none">• Policy changes• New policy development
Budget \$ 29.25 Million	Budget \$ 3.1 Million	Budget \$ 6.62 Million	Budget \$ 0.6 Million	Budget \$ 1.0 Million

The total planned budget is \$40.57 Million

Application services – e-Tourism & e-Health

eAgriculture

Support agribusiness sector program by introducing and institutionalizing information technology solutions for value addition and increased competitiveness of agro products

eTourism

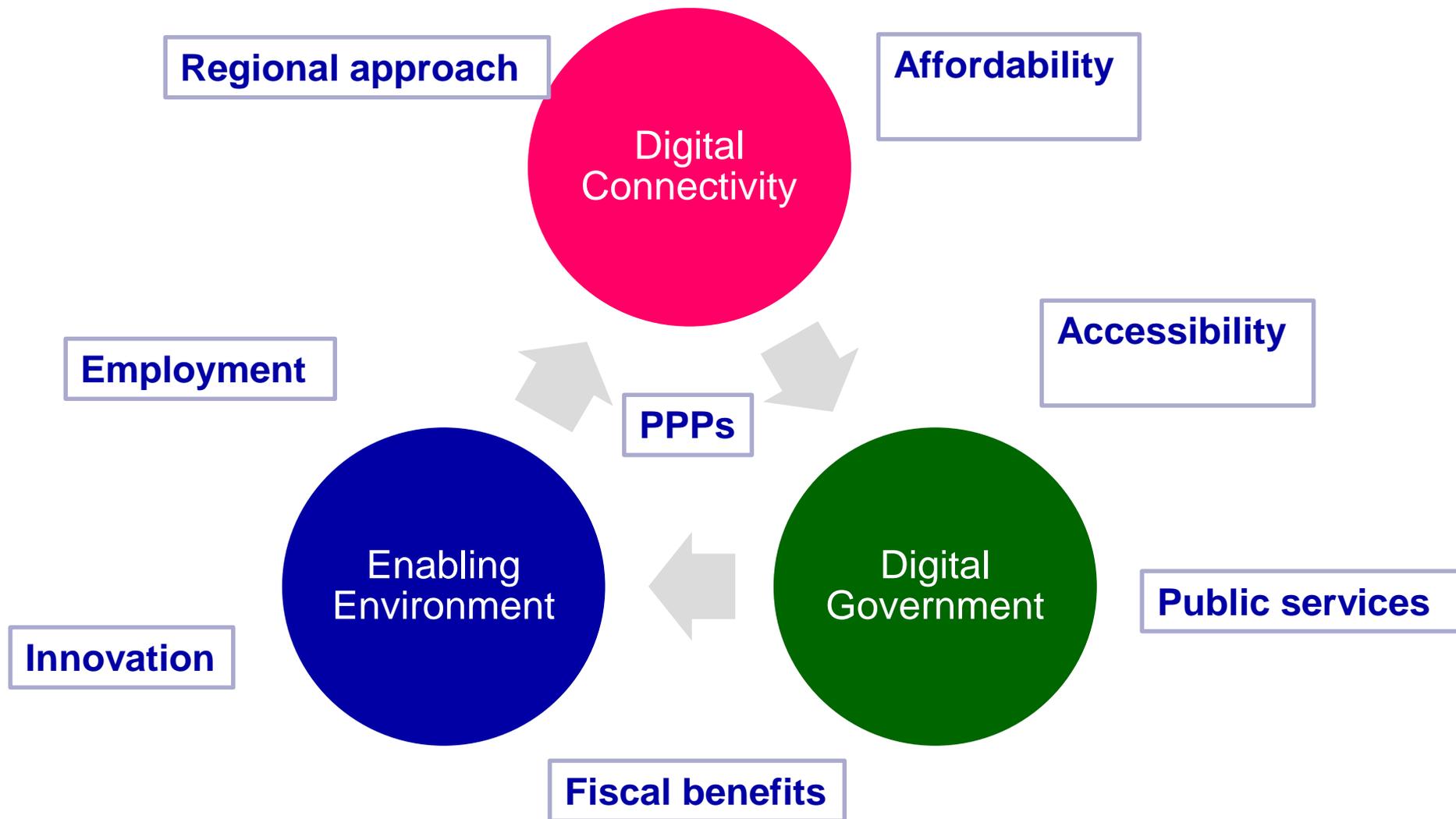
Direct interaction with tourist through online chat; help tourist to create a customized itinerary; integration with social media – Experiential tourism to bring more trade and commerce

e-Health

Enabling development of innovative and technology aided development of health and allied sectors such as tele radiology, medical subscription, and medical tourism

World Bank Digital Central Asia and South Asia (CASA) Project

CASA Proposition of World Bank



Why now ? – ICT hubs between East –West, North-South Reasons by the World Bank



Conditions are ripe:

- Open economy
- Competitive telecom sector
- Eurasian EU
- Links to China, Central and South Asia
- Qualified IT professionals
- Access to cheap green energy
- Strong political will

- BUT need to work collectively with regional partners

Proposed ADB ICT Actions for ABEC – 2017 & beyond

ICT enabled business processes in Agriculture

- Agribusiness value chain enhancements
 - Supply chain management
 - E-Commerce
 - Traceability of Agri products
 - Precision Farming

Increase productivity and efficiency,
Better price, market access, and
competitiveness of Agriculture products

ABEC Portal – An Idea for digital economy based integrated services in ABEC

Development Effect – Organized service economic activities

Joint branding
(scale economy)

Standardization
of industry Protocols / rates

New jobs &
skills

Single stop
shop

Service delivery

Technical Solutions
(frontend)

Business Process
(backend)

Health
Tourism
(Pillar 1)

Education
Tourism
(Pillar 2)

Mountain
Tourism
(Pillar 3)

Trade
Facilitations
(Pillar 4)

IT enabled Service base

Hotel
Accommodation

Transportation
logistics

E-commerce
Solutions

Financial
Services

Customized
Services

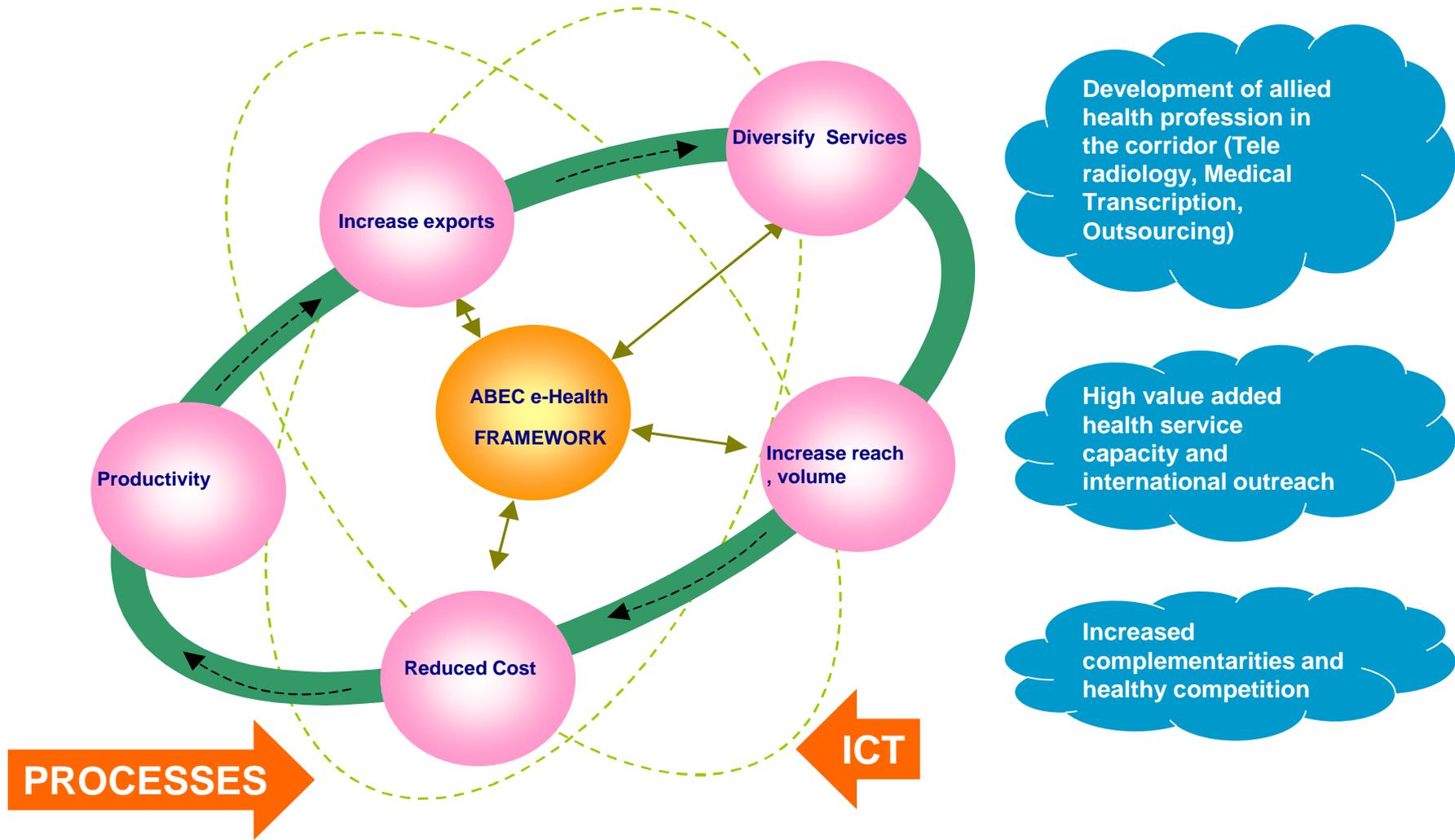
Proposed steps

- Conceive an investment program – Digital ABEC
 - **Step 1:** Develop **basic portal** and configure one set of services in an **end to end manner** (say mountain tourism linked to few hotels, transportation and customized service).
 - **Step 2:** Scale up services and roll out in **stages**.
 - Timeline : November 2017

Develop digital health capabilities

(better leverage of medical facilities and medical professionals in ABEC)

ABEC e-Health – Framework for high value added innovative service delivery



Proposed action(s)

- Develop an e-Health investment program for one of the city administration
 - identify service types
 - develop hard, and soft requirements
 - design e-health program activities
 - Implement comprehensive e-health investment program

- Timeline November 2017

Thank you