

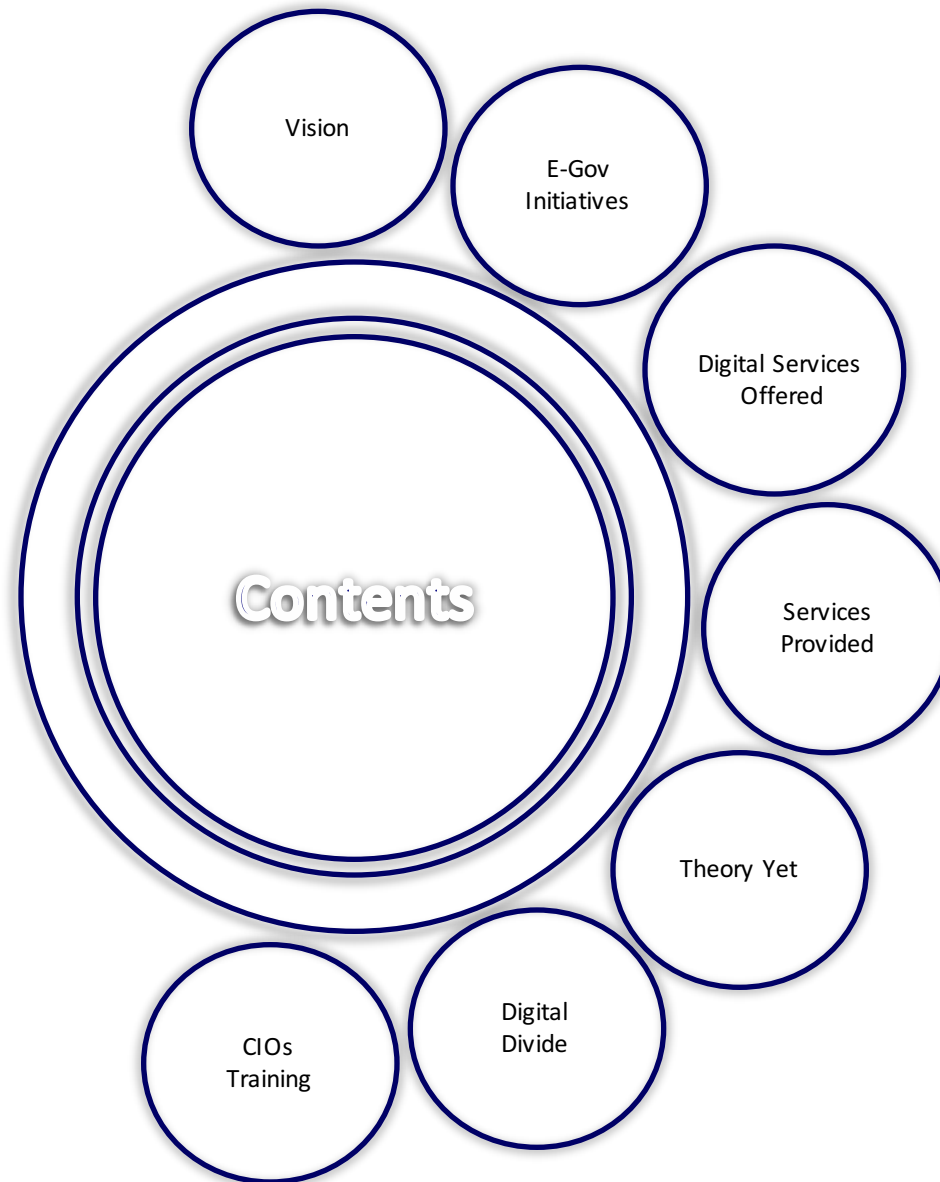
Ministry of Communications and IT

(Digital Government and Digital Public Services)

Chief Information Officer

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Things to do





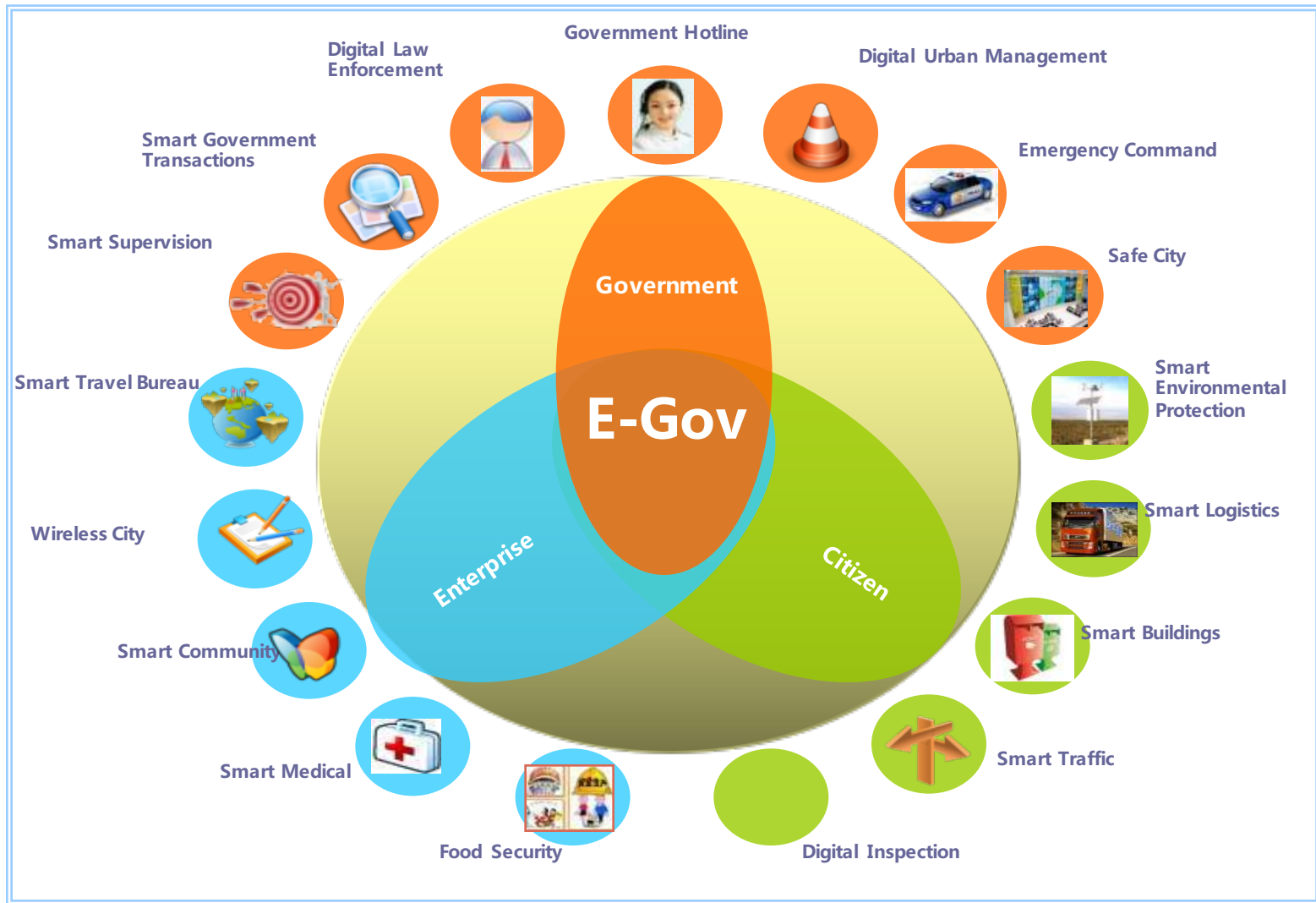
VisiOn

To Promote the ICTs in order to move towards a secure, confident, Sustainable and transparent information based society, which will play a vital role in socio-economic development of Afghanistan.



E-Government Initiatives

E-Gov is a Comprehensive Combination



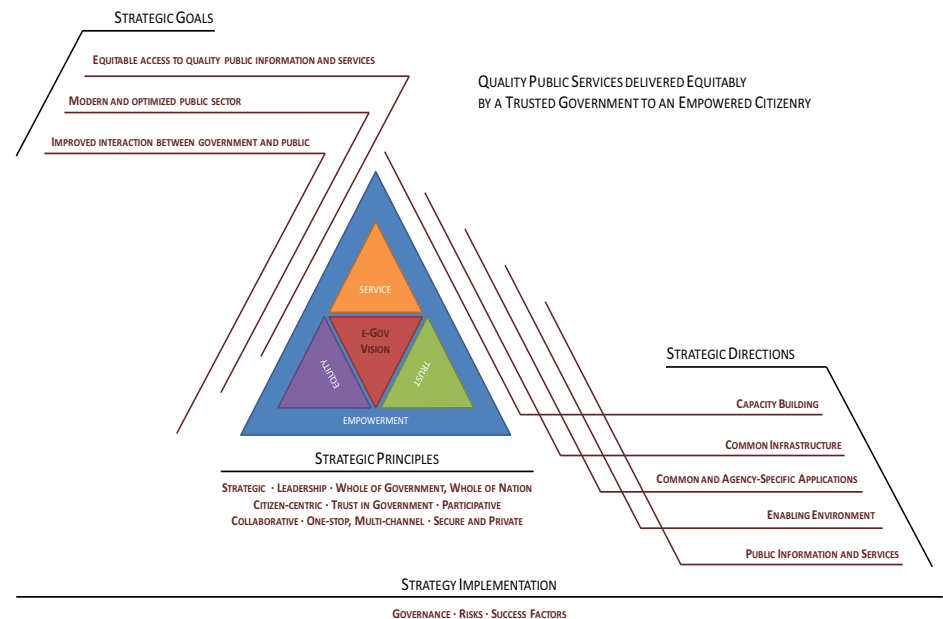
E-Gov Vision and Gov Structure

Vision :

Within 5 years most people of Afghanis should benefit from the **equitable access to quality public information** and services of high priority with **equal opportunities to men and women** in a balanced manner across urban and rural areas, **reduced corruption, and improved security** and stability and participation in governance with everyone motivated and enabled to contribute

Government Structure

- IT/EGOV Development Council
- Government CIO Forum (IT Directors of different government agencies)
- External Partners/Stakeholders



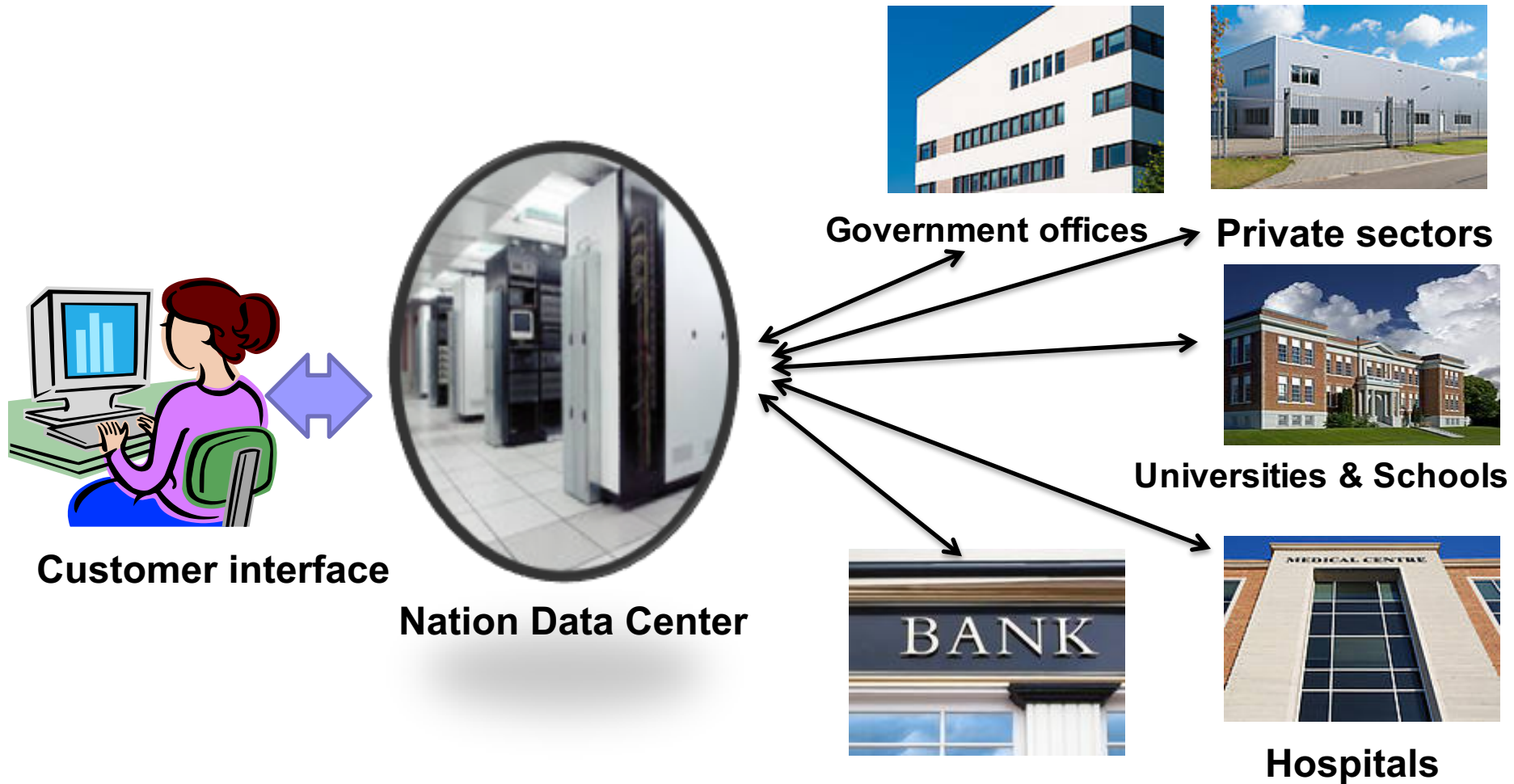
E- Government Master Plan, Law and regulation

Program	Projects	2010	2011	2012	2013	2014	2015	2016	2017
E-Government Master Plan Law and regulation	-E-Gov Strategy		x	x	x	x	x	x	
	- E-Gov Implementation plan		x	x	x	x	x		
	- Mobile government strategy				x	x			
	- Digital Signature /e-Transition Law						x		
	-ICT Law and Policy						x		
	- ATRA Law	x	x	x	x	x	x		
	- ICT policy					x	x		



Digital Services
Offered

Afghanistan National Data Center



FIVE GSM OPERATORS

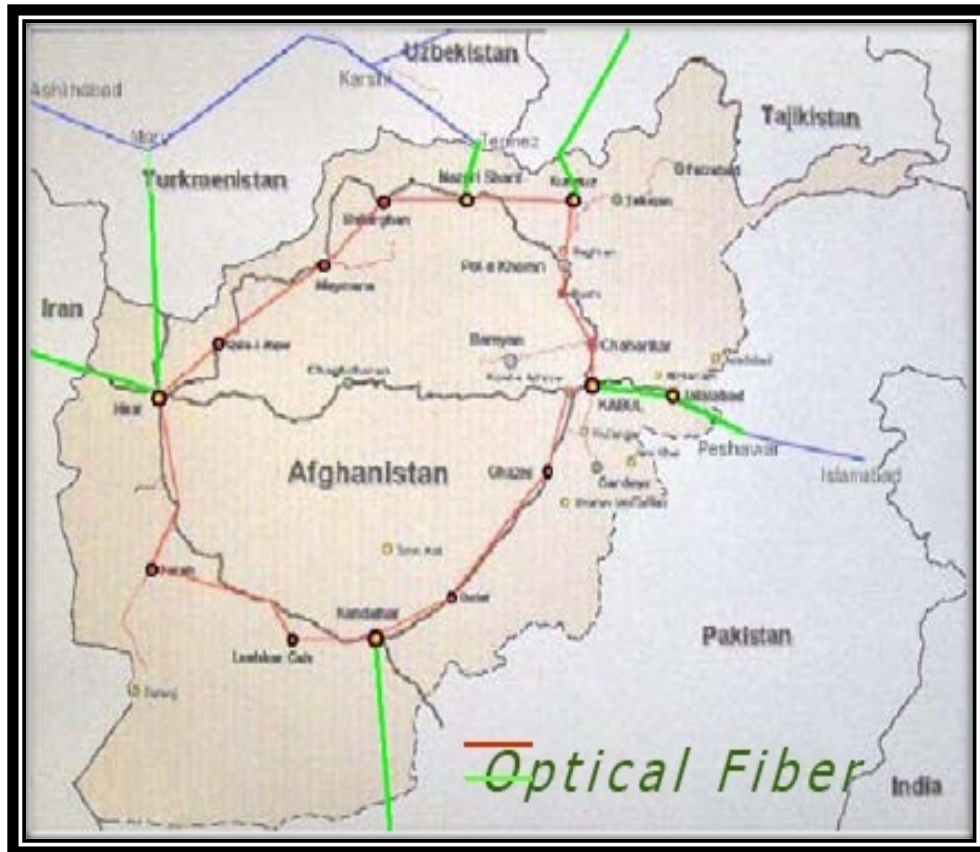
A total of 2.3 billion USD has been invested in the ICT sector and as a result of that today

- Over 89% of the country has phone / 3G coverage with LTE in Kabul now
- More than 21 million Afghans – which is around 89% of the population - have access to mobile phones and landlines
- The price of a SIM Card 50 Afghani free
- The price of each minute local calls are up to 0.02/min
- The price of each minute of an International call is up to 0.1USD/min



Fiber Optic Connections

- Most of the provinces are connected with fiber optic
- Afghanistan is connected with all Neighbors countries such as Pakistan, Iran, Turkmenistan, Uzbekistan and Tajikistan



E- Tazkara

E-Takara is one of the base and fundamental of electronic government and e-Services

Portable terminals are used for fingerprint verification, black list verification, and stolen vehicle verification.



Usage by Portable Terminal

- 1:1 identity verification using fingerprint recognition and NID card
- Black list verification function that includes criminal records
- Stolen vehicle verification function

NID connectivity

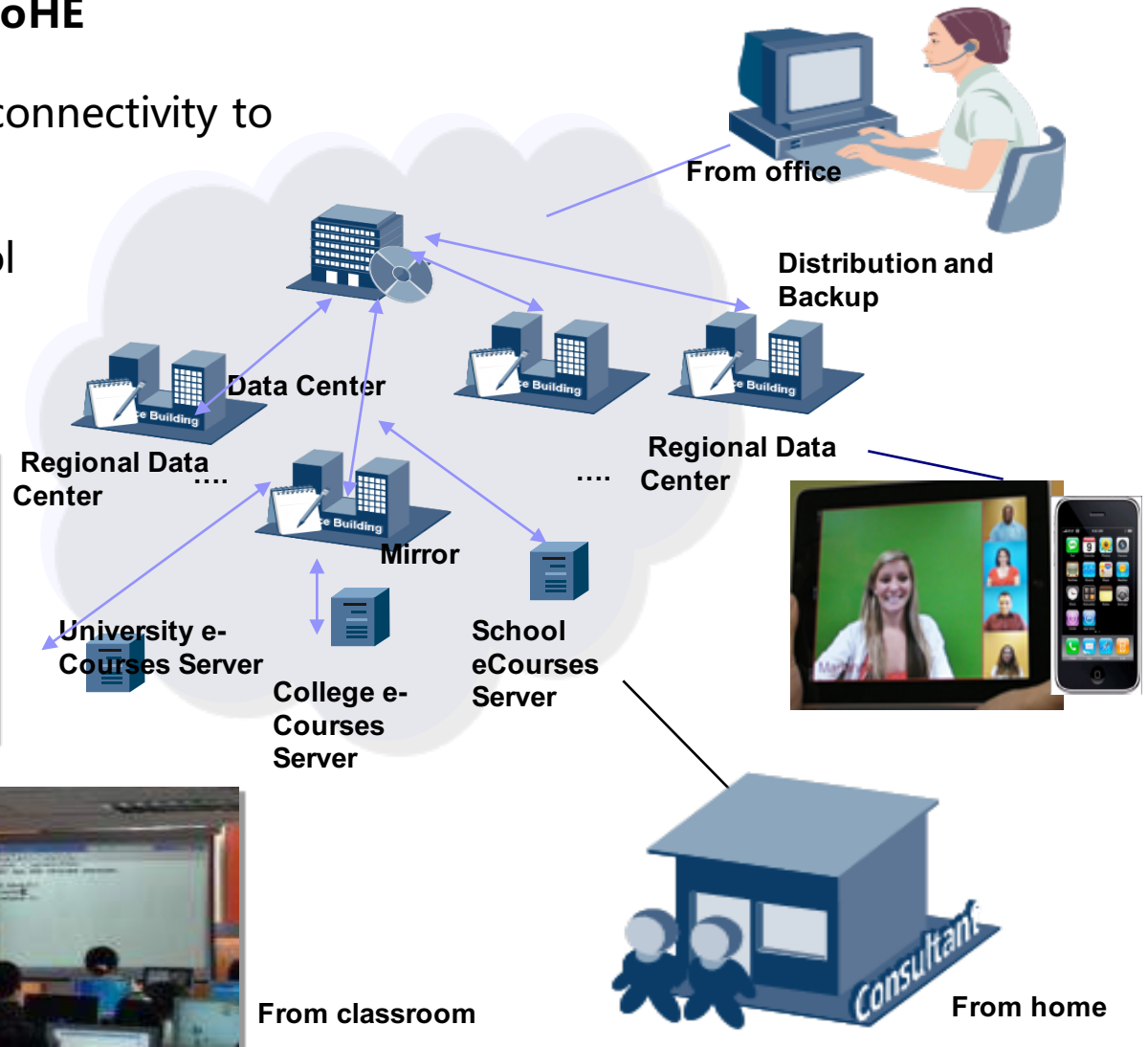
- Construct DB table for individual verification
- Provide an Interface Program through the Network

Fingerprint algorithm Technical specifications for Portable terminal	
Enrollment time	< 1 second
Enrollment time in features generalization mode	< 3 seconds
Verification time	0.5 seconds
Matching speed	up to 700 fingerprints/second
Template size	300 - 600 bytes
Memory required for code and data arrays	400 kilobytes

E- education (ICT in Schools)

MoU signed with MoE and MoHE

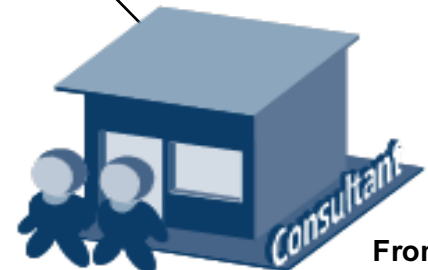
- MCIT will provide fiber optic connectivity to schools
- established ICT labs in school
- 3D videos for major subjects



From Library



From classroom



From home



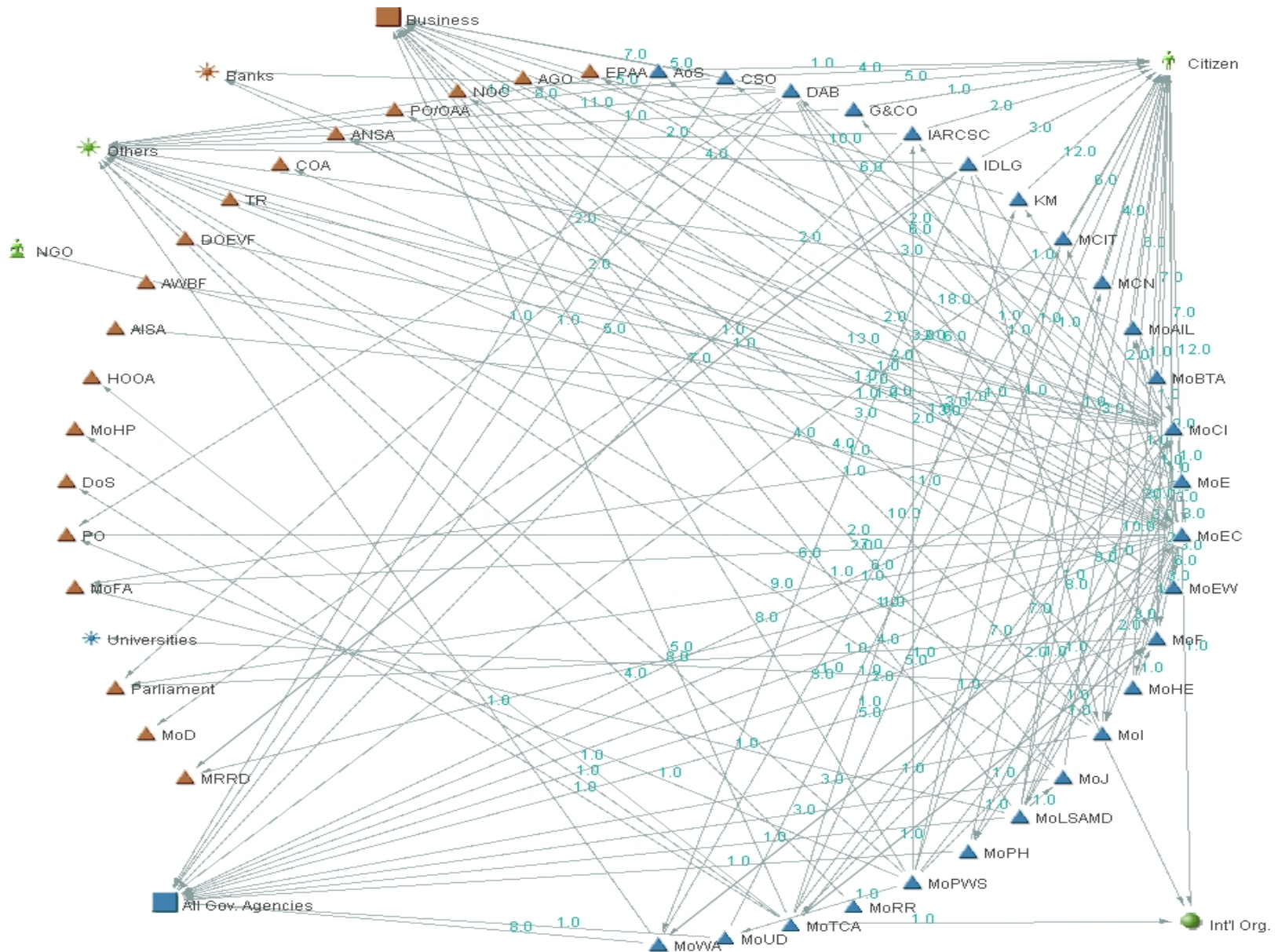
Government
Services Provided

E-GOVERNMENT COMPLEX (ONE STOP SHOP)

E-Government complex project include




- Provide all civil serves in one building
 - Government ,Public and Private sector Partnership arrangement
 - E-Business center .
 - E-learning and e-partnership Center
 - The innovation support program
 - Data center back up
 - E-government academy
 - E- library
 - E-Bank
 - Hotel
- The overall objective of the “ e-government complex ” is to encourage and support development of e-government and mobile government in order to mainstream mobile technologies for delivery of e-government services and to develop ICT sector in the country.

Government service network (services provided)



Core services – what if these services are delivered digitally - Imagine!

No	Agency	Service	Recipient	Service	Recipient	Service	Recipient
1	AoS	Publishing magazines (Kabul Mujala, Ariana, Khorasan, Afghanistan, Pashto, Koshane, Tabyat, Tabyan, Jareda zara, Nashrey-e-tafakor)	government				
2	CSO	Annual Statistic (including information of cultural, economical and social activities and national computation)	citizen	Statistics Selections (Population estimation) Number of country's Male and Female Population based on District level	citizen	Commercial Annual Statistics(Annual Business yearbook)Number of Import Export of the Country	business
3	DAB	License for commercial banks	business	Transfer money in external banks	Banks		
5	IARCSC	Creating legal frame work for human resource	government	Employing talented and experienced persons through competitive employment system	government	Capacity building of civil service employees	government
6	IDLG	Sub national Governance Policy development and implementation	others	Complains/Grievances handling	citizen	Provincial development programs, District development Programs coordination	citizen
7	KM	Trade activity permit for businessman	business	Arranging distribution of lands for residential build-ings and commercial areas	citizen	Keeping and creating greenery, cleanliness, collection of garbage from city and environment sustenance.	citizen
8	MCN	Survey for verification	others				
9	MoAL	Creating information, statistics, reporting and relation system (Producing fruits and vegetables in 34 province of Afghanistan, according to investigation in agriculture farms, promoted for, farmers)	citizen	Providing quality control certificates (Presenting of certificates for the productions which are checked, in boundary provinces like: Nengarhar, Turkham, Qandahar, Spin Boldak, Khost, Ghula Khan, Kunduz, Shir Khan Bounder, Balkh, Hiratan, Herat, Islam Qala, for prevention of diseases)	business	Registration of agriculture lands	citizen
11	MoCI	The directorates, Organizations license system (Database)	business	The individual and firms license system	business		
12	MoE	Providing the certificate for 12th and 14th Grade students.	citizen	Provision of new public schools infrastructure and schools maintenance.	citizen	Providing & implementing of All procurement contracts.	citizen
13	MoEC	Confirmation and registration for interior and foreign NGOs and certificates of their activities. Lesion of related visa for foreign staff or organization of NGOs interior and foreign. Preparing of custom clearance documents of above organization for custom parts of ministry of finance	NGO	Monitoring and evaluation of ANDS for Afghanistan with all govt departments, technical coordinator meetings, increase of administration capacity preparing of report, introducing of reports forms	government	Confirmation of first priority developments project for ministries according to the proposals, preparing of report from development projects and National strategic development of Afghanistan.	government
14	MoEW	Electricity	citizen	Water	citizen	Investigation	others
15	MoF	Payment Processing	government	Allotments Processing	government	Budget formulation/revenue formulation	government
16	MoHE	Digital Examination	citizen	Online Examination	citizen	Preparation of educational scholarships(burses) for professors and students	citizen
17	MoI	ID distribution	citizen	Passport distribution	citizen	Recording and registering of cars, distribution of driving license, teaching of traffic rolls and regulations and investigation from traffic accidents	citizen
18	MoJ	Approve and Administrate of laws as per general approved law.	government	Adaptation of lockup penalty as per court final decisions	government	Access of poor criminals to free legal assists	government
19	MoLSAMD	Skills Development	citizen	Kindergartens	citizen	Pension	government
20	MoPH	Providing public health services	citizen	Disease prevention services	citizen		
21	MoPWS	Road planning, Construction & Maintenance	citizen	Railway planning ,Construction& Maintenance	citizen	Airport planning ,Construction and Maintenance	citizen
23	MoTCA	Transferring travelers of Hajj to Saudi Arabia once a year	citizen	Road Transport Services	citizen	Airways Services	citizen, business
24	MoUD	Urban Water Supply	citizen				
25	MoWA	Presenting work Plan approval of national activities	government	Decreasing illiteracy among women	citizen	Removing of Elimination among Women	citizen
26	MCIT	Telecom services	citizen	IT Services	citizen	Postal Services	citizen

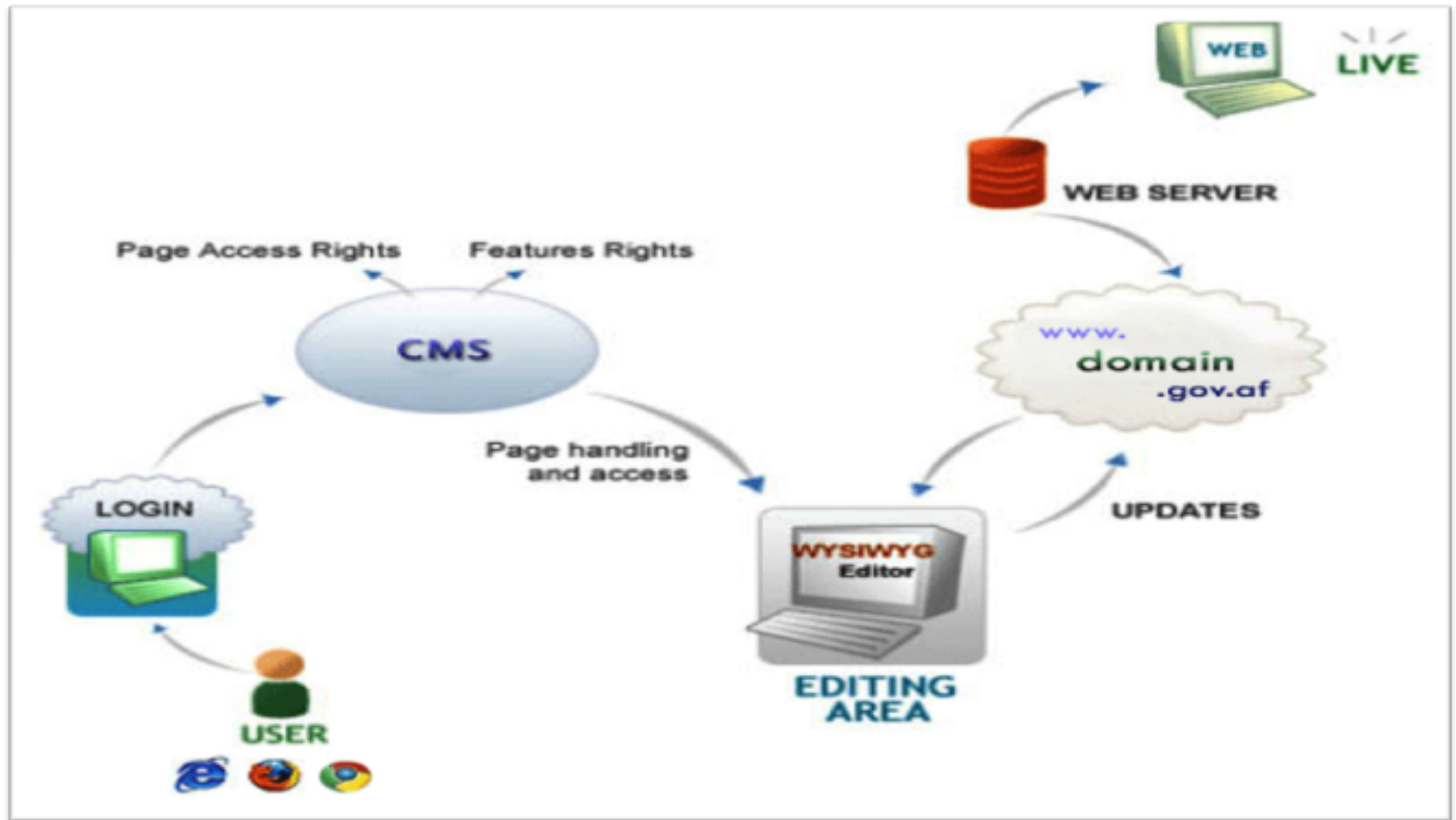


Very much into
Theory Yet

National Archives – MCIT, Afghanistan

- 1 National PPP Policy
- 2 Afghanistan Telecom Policy
- 3 Cyber Security Plan
- 4 E-GIF Technical Standards
- 5 IT Industry Development Policy
- 6 Mobile Government Strategy
- 7 National Cyber Security Strategy

Afghanistan portal



Afghanistan portal

Afghanistan Government Portal (www.afghanistan.gov.af)

Government Ministries

- Ministry of Communications & Information Technology
- Ministry of Finance
- Ministry of Foreign Affairs
- Ministry of Interior Affairs
- Ministry of Education
- Ministry of Labour & Social affairs
- Ministry of Public work
- Ministry of Border, Tribal and Ethnic Affairs.
- Ministry of Counters Narcotics.
- Ministry of Public Health.
- Ministry of Urban Development and Housing.
- Ministry of Mine and Industries.
- Ministry of Agriculture
- Ministry of Energy and Water
- Ministry of Commerce
- Ministry of Refugees and Repatriation
- Ministry of Rural rehabilitation & Development
- Ministry of Higher Education
- Ministry of Justice
- Ministry of Transportation
- Ministry of Woman Affairs
- Ministry of Hajj and Islamic Affairs
- Ministry of Information and Culture
- Ministry of Economy
- Ministry of Defense

Shared Domains

- www.news.gov.af
- www.documents.gov.af
- www.jobs.gov.af
- www.tender.gov.af

Provinces

- Kabul
- Kandahar
- Herat
- Balkh
- Nangarhar
- Kunduz
- Badakhshan
- Paktia
- Parwan
- Baghlan
- Ghazni
- Jawaz Jan
- Helmand
- Farah
- Faryab
- Takhar
- Kapisa
- Bamyan
- Maydan Wardak
- Logar
- Iaghman
- Nuristan
- Kunar
- Khost
- Paktika
- Zabul
- Uruzgan
- Nimroz
- Ghor
- Badghis
- Saripul
- Samangan
- Panjshir
- Daykundi

Government Agencies

- IDLG (Independent Directorate of Local Governance)
- Da Afghanistan Bank
- National ICT Association
- AIMS (Afghanistan Information Management Service)
- CSO (Central Statistic Organization)
- Kabul Municipality
- Civil Service Commission.
- Geography and Cartography.
- Supreme Court
- AISA (Afghanistan Investment Agency)
- Department of Control & Audit
- Attorney General
- High Office of Oversight & Anti Corruption Strategy Human Rights Commission



Digital Divide



Sharing your experience

- What kind of technology do you use?
(mobile phone, iPod, Wiki, Blogs, social networking, Skype etc.)
- For what?
- How often?
- What are the individual differences?

Digital haves - Info rich

The Gape

Digital not haves - Info poor

ICT

Access

Skills

Knowledge

Attitude

Digital haves - Info rich

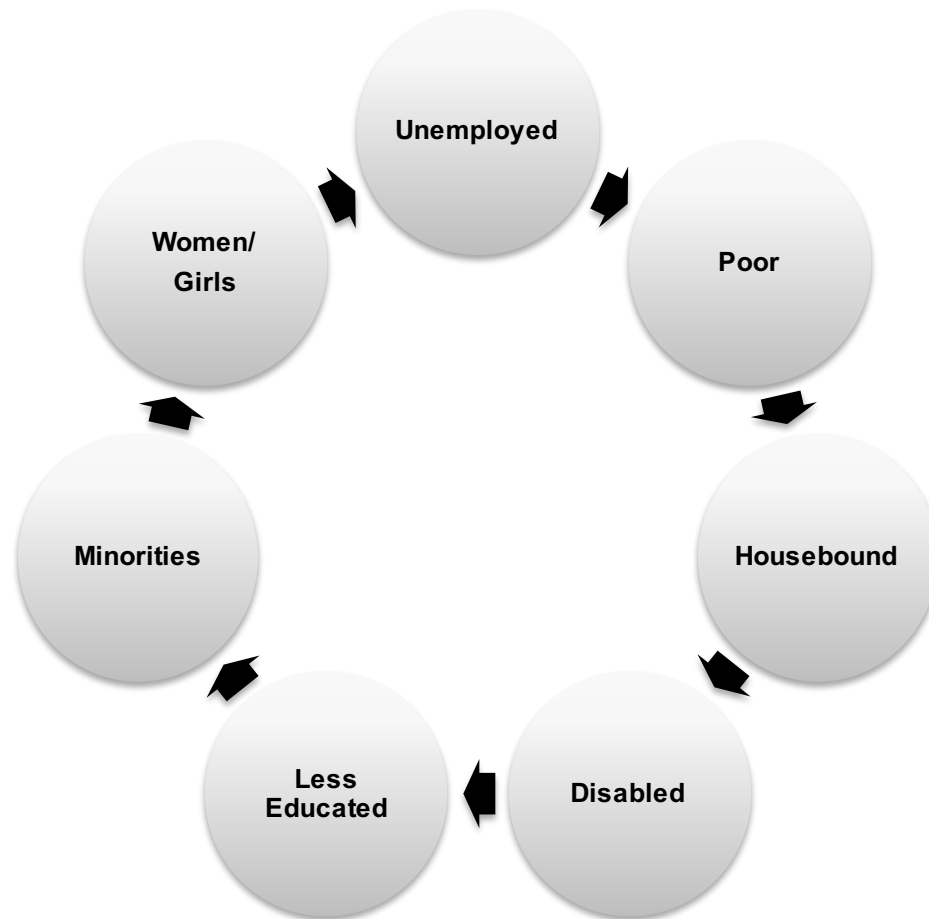
A series
of Gaps

Digital not haves - Info poor

Nations
Generations
Genders
Ethnic groups
Education
Economic levels
Social status
Languages

Digital Divide

A deepening of existing forms of exclusion



Cultural factors

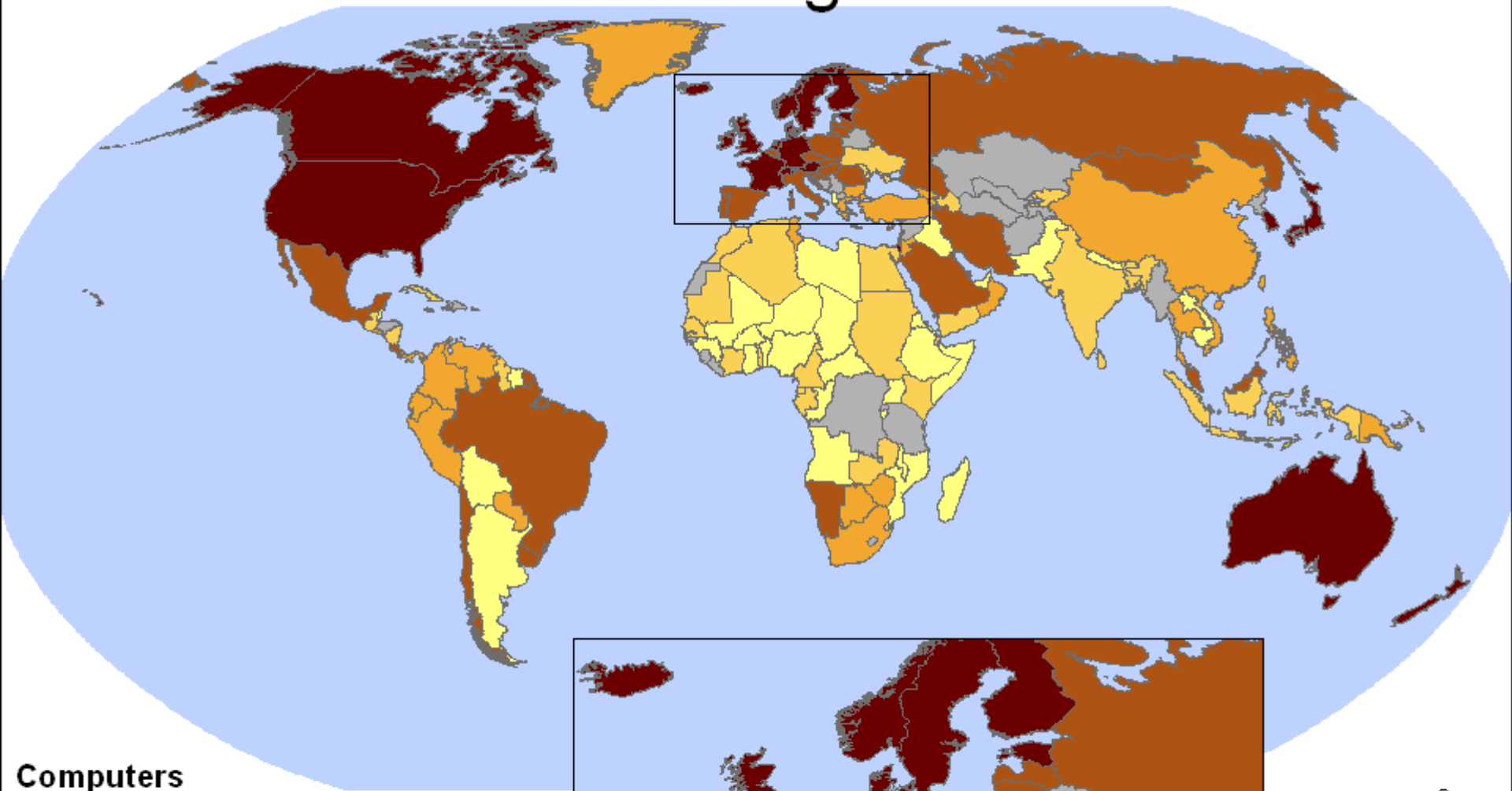
**Social factors
(gender, race, etc)**

Digital Divide

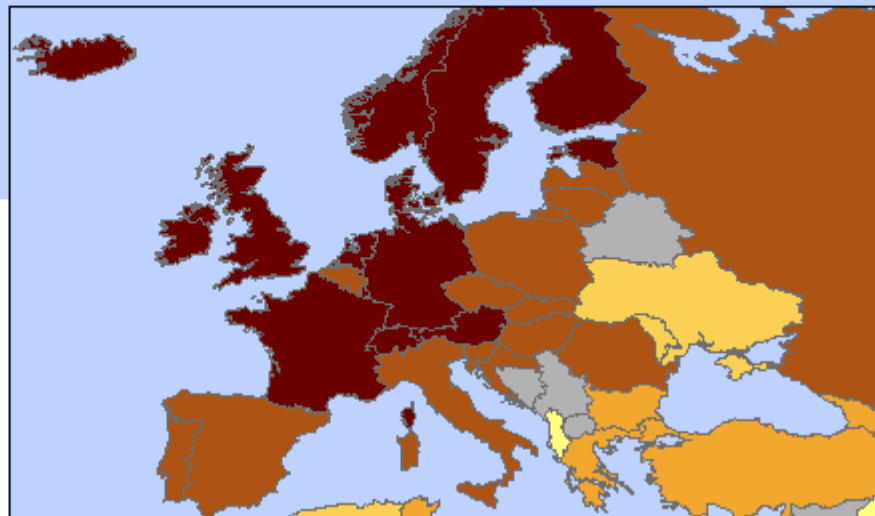
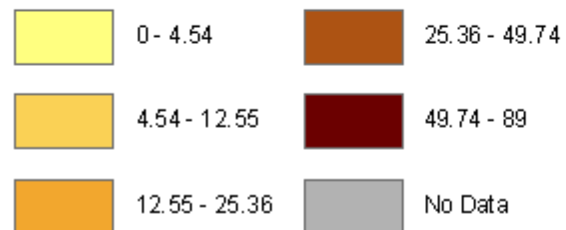
Other factors

Economic factors

The Global Digital Divide



Computers Per 100 People



Source:
United Nations
Global Development
Goals Indicators

Robinson Projection

Cartography by:
Derek Boogaard



CIOs Training
Abroad

Capacity building programs

CIOs abroad training

NO	Country	Participant	NO	Country	Participant
1	Turkey	40	5	UAE	10
2	India	27	6	Azerbaijan	15
3	Kazakhstan	10	7	USA	15
4	Estonia	10			

Local training

NO	Country	Participant	NO	Country	Participant
1	Kardan	150	6	Rana	400
2	Infotech	150			
3	Rana tech	150	Total		
4	Karwan	200			
5	Aptech	400			

International Development Partners

Key strategic areas of assistance by international development partners include.

- (i) Building capacity of state,**
- (ii) Increasing accountability to citizens,**
- (iii) Combating corruption,**
- (iv) Peace and security,**
- (v) Private sector development**
- (vi) Rural development and poverty reduction**

International Development partners

- World Bank**
- UN**
- USAID**
- Europe Union**
- ADB**
- KOICA**



Thanks for Bearing

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Questions

And/Or



Comments