

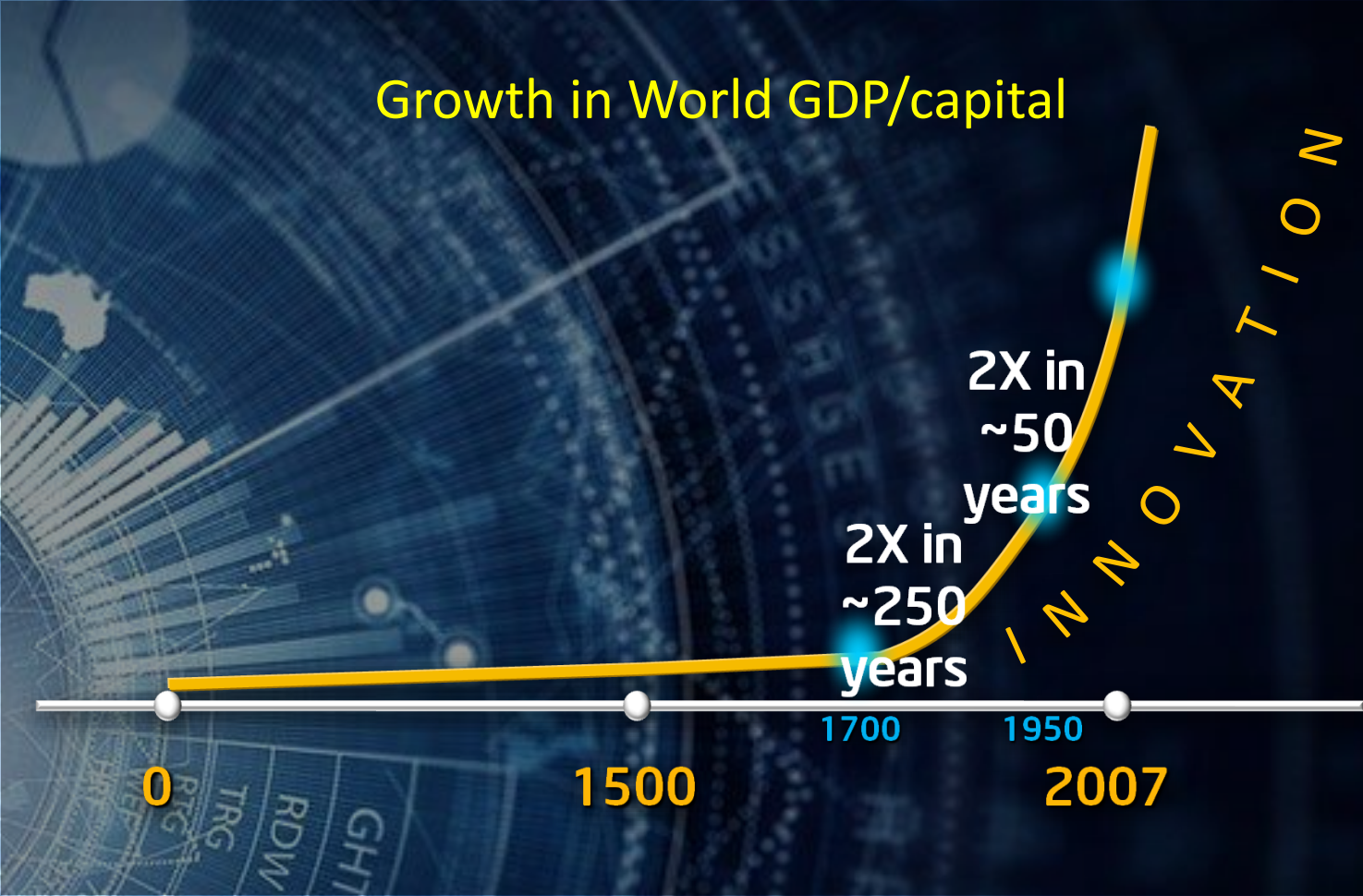


THE JOURNEY OF

Sri Lanka

TOWARDS A CREATIVE
KNOWLEDGE BASED ECONOMY

Growth in World GDP/capital



A World in Transformation

Growing World Market



Global Scale
&
Competition

Knowledge the
new currency

Demographic Shift



The work is changing

The jobs of the future have not been created

Fast growing jobs that didn't exist 10 years ago

App Developer

Social Media Manager

User Experience
Manager

Bio-informatician

Elder care services
coordinator

Sustainability Manager

Energy Auditor

Biomass plant
technicians

Fuel cell engineer



VISION

A Digitally Inclusive Sri Lanka

Transforming Sri Lanka towards a
Creative Knowledge-Based Society
through digitally empowered citizens.



ROADMAP FOR DIGITAL ECONOMY

DIGITAL CONNECTIVITY AND INFRASTRUCTURE



National Backbone Network



Internet access for all



Global connectivity



Information infrastructure

LANKA GOVERNMENT NETWORK (LGN) 2.0

Establish a Wide Area Network with high speed connectivity and wireless networks at all government organizations to connect with the LGN and the Lanka Government Cloud.

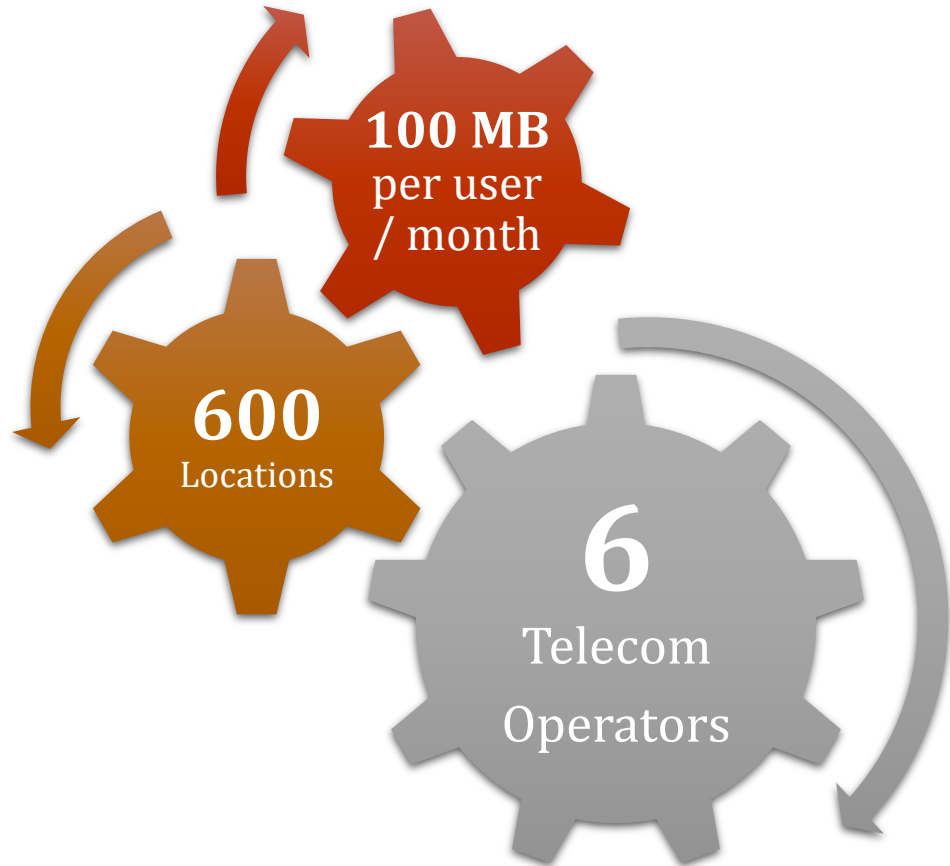
860 locations identified islan wide for the first phase of LGN 2.0 which is expected to be completed by January 2018.

- Intended Locations : 3500
- Last mile bandwidth: 2 Mbps to 100Mbps
- Internet backbone: up to 10Gbps
- Equipped with Wi-Fi to enable access from anywhere
- Integrated with Lanka Government Cloud (LGC)
- Common, high-availability infrastructure for secure government data exchange, accessing eServices, etc.





Initiative



As at 3:30 PM on
13th September, 2017

Registered Users	231,500+
Active Locations	600
Usage	20,945+ GB

Technologies in Use

- Operate in Cloud Infrastructure
- Open Standard Architecture
- Secure Software Development
- Responsive Design

DIGITAL SOCIETY



Digital identity



Digital Health



Digital education



Digital wallet & authentication



E-literacy & participation

Digital Health

Eliminating Health Disparities through integrated interoperable healthcare system

 <p>Patient Registration Patient Search Patient Overview OPD / Clinic Appointment Prints (Tokens / Patient ID card)</p>	 <p>OPD Visit Examination Drug Prescription Lab Tests Order Injections Order Treatment</p>	 <p>Clinic Management Consultation Diagnosis Drug Prescription Order Treatment Print Clinic Book</p>
 <p>Procedure Room Treatment Injection Room Collection Room</p>	 <p>Laboratory Reports</p>	 <p>Pharmacy / Dispensary Clinic / OPD Drug Dispensing Drug Maintenance Drug Reports</p>
 <p>Admission Drug Prescription Lab Tests Order Injections Order Treatment Examination</p>	 <p>Wards Ward Transfers</p>	 <p>Reports Daily Lists Statistics Stock Reports IMMR Etc</p>
 <p>OPD Referrals Notifications Registries</p>	 <p>System Maintenance System Tables Clinical Tables Application Tables Logs Q Modules</p>	 <p>Help</p>

- 10 Hospitals done.
- 47 to be done by 2018
- 300 government hospitals will have Electronic Medical Records
- Provide smart devices and connectivity to be used in grassroots level for ground level health workers (Ex: Public Health Midwife and Public Health Inspectors).

SHIFTING THE LEARNING PARADIGM

**Paradigm
shift** after
introduction of free
education to the
country

- Schools will have ICT infrastructure
- School children will have access to technology and use it as a tool for learning
- Teachers will be using ICT as a tool for teaching
- Connectivity for school's
- Teaching and learning material in digital format



Digital Infrastructure



Connectivity



Content



Capacity Building



Innovation

Digital Policy for General Education

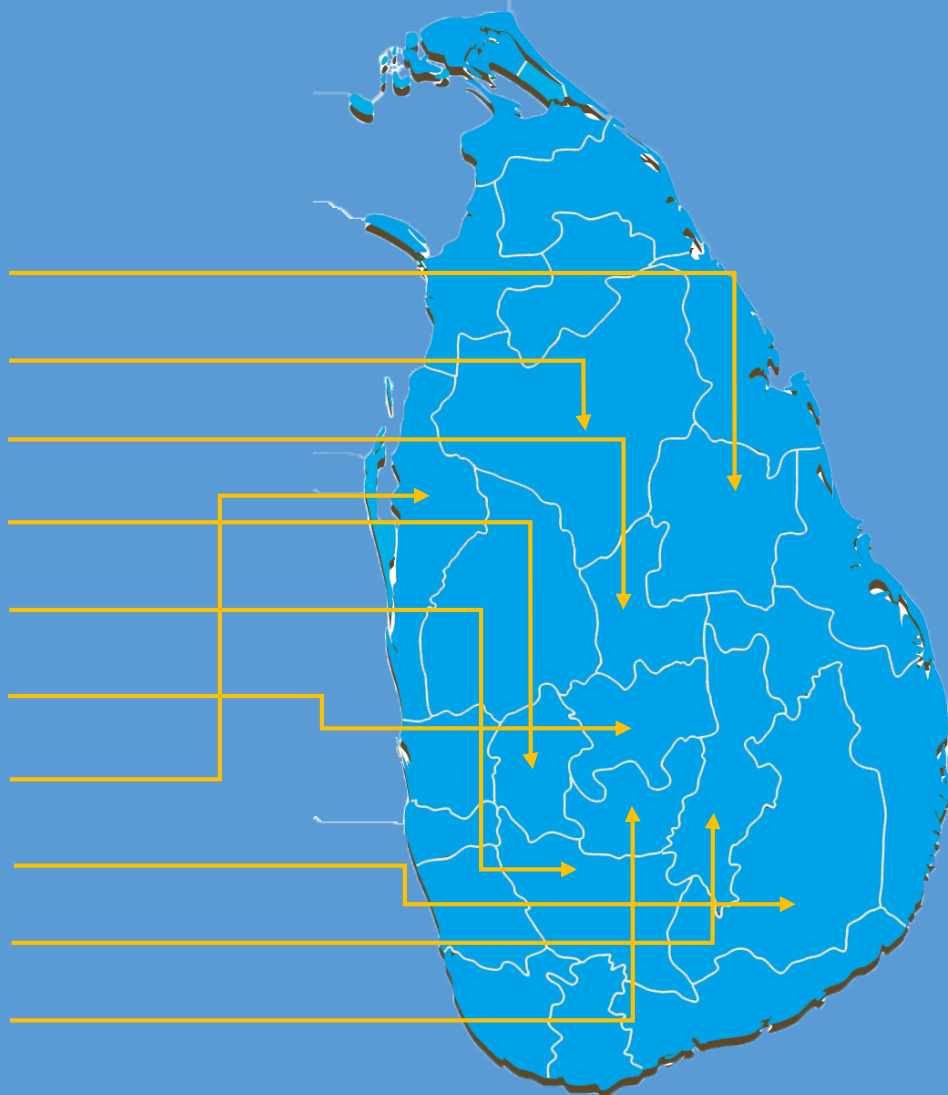
Digital Master Plan

Sustainability Mechanism

SCHOOL ICT SOCIETY INITIATIVE

The Future is Yours

Polonnaruwa
Anuradhapura
Matale
Kegalle
Rathnapura
Kandy
Puttalam
Moneragala
Badulla
Nuwara Eliya

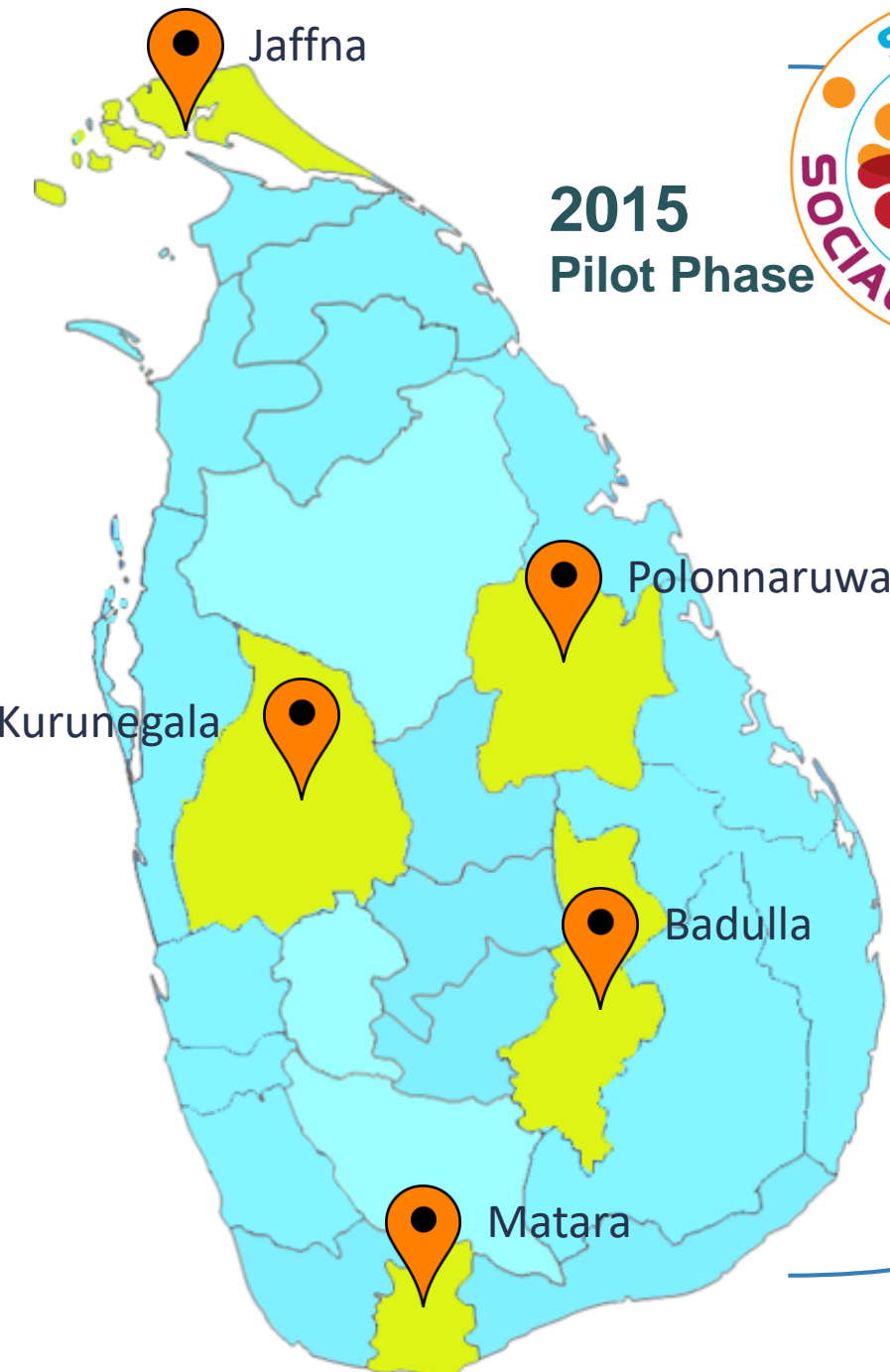


SMART

සමාජ කළස
ඡූරක වර්ධම



- To raise awareness and knowledge among citizens of Sri Lanka on best use of ICT technologies to improve their quality of lives (Increase adoption)
- To promote active partnership among citizens to organize, integrate and provide user-friendly on-line information and services
- To build networks among entrepreneurs, administrators, activists, educators, and innovators, who are working to create change through social media
- To establish research and development forum for ICT empowered society and Citizen Journalism.
- To develop SMART Social Circles and link with industry and global knowledge centers through ICT technologies



**2015
Pilot Phase**



	2016	2017
GN Division	60	800
KAs	600	8000



SMART Social Circle - Polpithigama - Galahitiyagama added 6 new photos.
21 March at 19:31

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A collage of three photographs showing construction work. The main photo shows a large pile of red bricks under a thatched roof. Two smaller photos below show rows of grey tiles laid out on a surface.

2 Likes

WOMEN ICT FRONTIER INITIATIVE



- The project Suhuruliya - “Smart Women” was launched in 2016 in Sri Lanka, through the content provided by APICICT to ICTA, In order to address the current condition in our country where many women refrain from consuming the benefits of emerging technologies which could improve their quality of life.
- ToT (Training of Trainers) session for 70 WDOs
- ToT session for 40 Government policy makers
- Two ToT sessions and awareness programs were held in Badulla and Jaffna districts

DIGITAL CONTENT



Next generation educational content portal



Government content to be digitised



Local language content support

DIGITAL SECURITY



Ensure national digital security



Diversification and expanding SL-CERT



National digital certification authority

DIGITAL LEGISLATION AND REGULATION



Legislation



UN and other conventions



Regulation



Privacy

DIGITAL COMMERCE



Enabling electronic transactions



Innovative finance

DIGITAL GOVERNMENT



Connected government



E-services for citizens



Efficient public service delivery



- All payment collection
 - Assessment tax, trade taxes, etc
- All the permits/application –
 - construction permits, conformity of construction, gully service, trade license, etc.
- 3 Test sites
 - Negombo
 - Seethawakapura
 - Homagama
- 30 sites replicated
- 80 eLG sited by 2018

Electronic Document Attestation System (eDAS) for the Consular Division of the Ministry of Foreign Affairs



Time Reduced to **15 MIN** from 6 Hours



Serving **600 CITIZENS** per day



PAPERLESS Service Delivery



HIGHER ACCEPTANCE for attested documents



ONLINE Appointments facility



DIGITAL JOBS AND OPPORTUNITIES



Tech Startup Support



Capacity Building



Country Branding

ICT Industry Development – Vision 2022



\$5 billion export revenue by 2022

From Australia, the industry's direct/indirect exports revenue is **US\$ 6,964,747+** & additionally **US\$ 944,600+** as a potential sales pipeline.

Gartner and ATKEARNEY ranking of Sri Lanka attracting captive and offshore centers

360,000 ICT workforce by 2022

1845 professionals (since 2010) trained on key technological areas.

2400+ vouchers provided for entry level vendor certifications

ICT / BPO Career guidance seminars for **50,000+** students since 2010



ICT Industry Development – Vision 2022

1000 startups by 2022

USD 30 million ecosystem with 250+ startups

Seed funding for 45 startups
creating 230+ new jobs

Disrupt Asia – Sri Lanka's Premier
Startup Conference and Showcase



Build 10,000 security
professionals by 2022

258 professionals trained on cyber
security related certifications in 2017

50% digitally enabled
businesses by 2022

Seminars, exhibition and business matchmaking events in 12 districts





TRANSFORMING

Sri Lanka

INTO A DIGITAL NATION