University College of the Caribbean Worthington Campus

Youth Empowerment through Technology

Presentation
by
Julian J. Robinson
Opposition Spokesman on Information and the Knowledge Economy
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www.julianjrobinson.com

julianjayrobinson

julianjay

The ICT Road Map

As distinct from the broader statements of intent relating to ICT in Vision 2030, the ICT Roadmap is an action-oriented portfolio of initiatives, formulated over three distinct time horizons: 5-years (for long-term objective), 3 years (the medium term) and 18 months (to address short term priorities). Each initiative is situated in one of the following four major pillars:

National ICT Strategy, Policy & Legislation: Strengthening the ICT governance and administrative framework through the development and promulgation of key pieces of legislation, supporting policy guidelines and regulatory reform.

National ICT Infrastructure: Continuing to build out Jamaica's National ICT infrastructure to facilitate future broadband deployment and to ensure a competitive sector and digital inclusiveness for all our citizens.

ICT-enabled Public Sector Modernization: Solidifying the capacity of public institutions and providing the governance framework to deliver efficient and effective public goods and services through the establishment of a more effective Government ICT infrastructure and establishing the institutional capability to architect the overarching technology vision and provide leadership in the development and implementation of the GoJ's ICT strategy and programmes.

ICT Sector Capacity Building/Innovation Enablement: Utilizing appropriate mechanisms to stimulate new business opportunities, innovation and entrepreneurship in the local ICT sector.
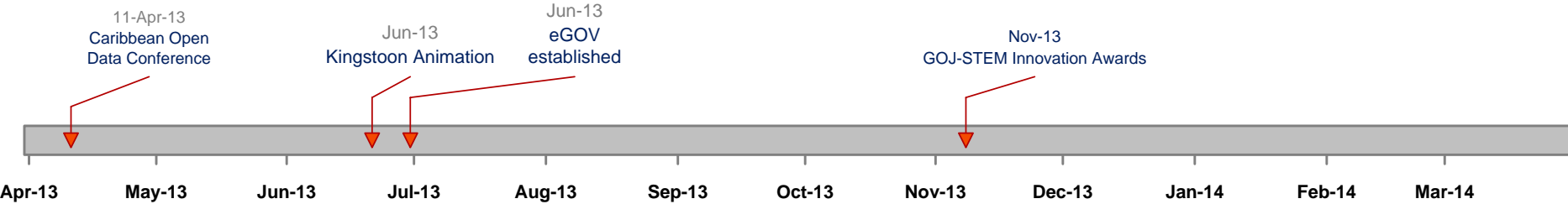
The ICT Road Map

Ministry of Science, Technology, Energy & Mining
ICT Roadmap
Saturday, May 25, 2013

Version 1

| TBC | IN PLANNING | SIGNED-OFF | IN EXECUTION |

Timeline markers:

- 11-Apr-13 — Caribbean Open Data Conference
- Jun-13 — Kingstoon Animation
- Jun-13 — eGOV established
- Nov-13 — GOJ-STEM Innovation Awards

| Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 | Jan-14 | Feb-14 | Mar-14 |

NATIONAL ICT STRATEGY, POLICY & LEGISLATION

- Establishment of the **Single Regulator** for ICT
- Develop National Governance Framework And Policy Guidelines For Public Sector Enterprise Adoption Of **Free And Open Source Software**
- 11-Apr-13 **VISIT OF PAUL KUBUKU CEO, KENYAN ICT BOARD**
- Strengthen the **ICT legislative,regulatory and administrative framework**: Data Protection Act; ICT Act; Amendment of Cybercrimes Act; Establishment of a Cyber security policy/framework and a Cyber Emergency Response Team.

NATIONAL ICT INFRASTRUCTURE

- Conduct a Broadband Study and the development of a **Broadband Plan/Strategy**.
- Attract new telecommunication Operator: auctioning the 700 MHz frequency spectrum and issuing a new submarine fibre optic cable licence.
- Roll-out of the Island-wide Broadband Network and the establishment of **Community Access Points**.
- **Number Portability** Rules / Planning / Implementation

PUBLIC SECTOR MODERNIZATION / INTITUTIONAL CAPACITY (ICT-ENABLED)

- Wind-up **CITO** and incorporate into the MSTEM Ministry; Establish **eGOV** as GOJ ICT implementation agency; Recruit GOJ **CIO**
- **E-Learning Jamaica**: Complete High School phase
- **E-Learning Jamaica**: Develop and implement Primary school pilot project
- Establish a common Government Wide Area Network ('**GovNet**') which aims to harmonize and integrate all Ministries, Departments and Agencies (MDAs) in one overall public sector communications network.

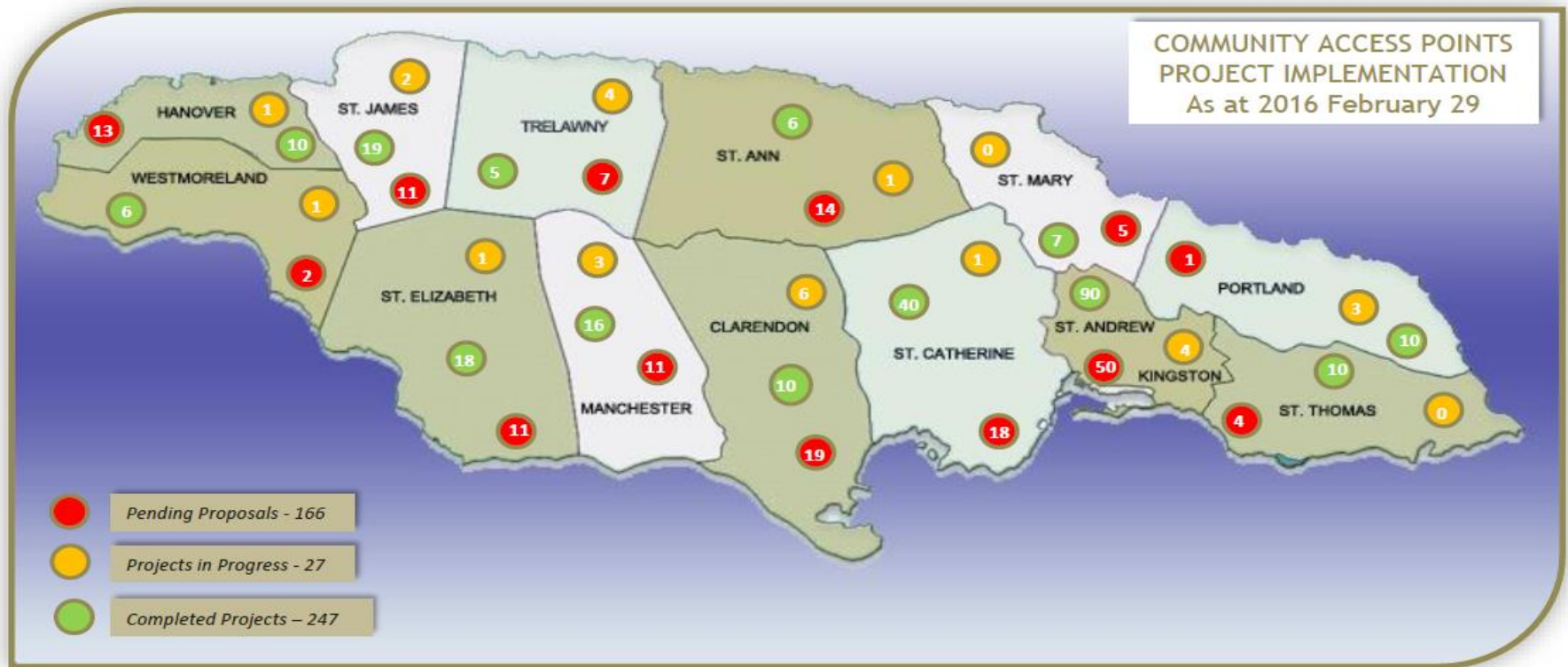## ICT SECTOR CAPACITY BUILDING / INNOVATION ENABLERS

- The Jamaica **Venture Capital Ecosystem** Project
- **Mobile Money**: BOJ Guidelines issued; DBJ Mobile Money for Microfinance Pilot Project
- **StartUp Jamaica**: Innovation Program
- **Initiatives to boost Innovation**: Digital Jam 2.0; Kingstoon Animation Festival; Digital Jam 3.0; Open Data Pilots; GOJ Innovation Awards;
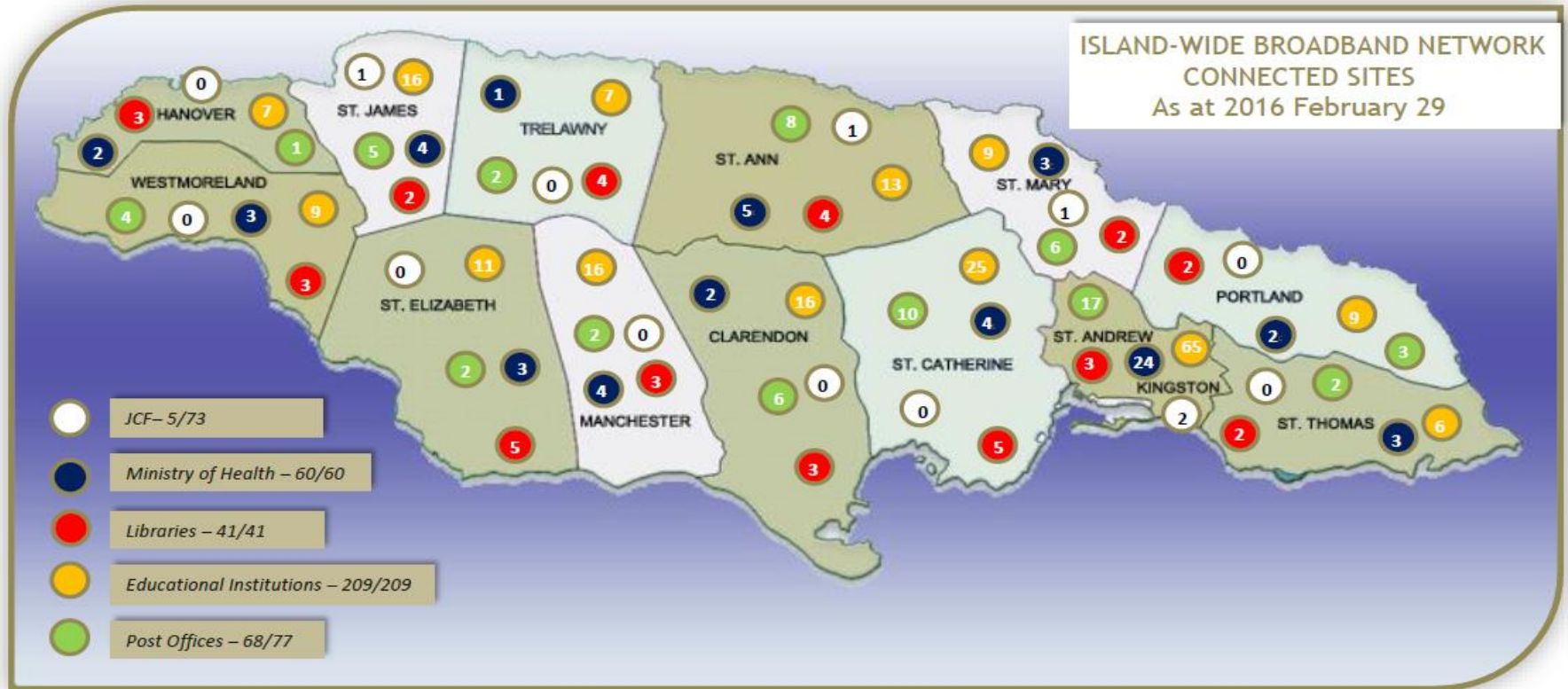
The Government has built out 247 Community Access Points

COMMUNITY ACCESS POINTS PROJECT IMPLEMENTATION As at 2016 February 29

Pending Proposals - 166

Projects in Progress - 27

Completed Projects – 247

What is a Community Access Point (CAP)?

A Community Access Point is an Internet service facility established in collaboration with community organizations throughout Jamaica and funded by the Universal Service Fund in furtherance of the Government's Universal Service Obligation. Computers, associated equipment, and Internet access are provided to allow Jamaican residents to access the Internet. CAPs enable members of the Jamaican communities to use the internet at minimal or no cost to them to facilitate research, bill payments, education, communication, business, marketing, and social networking. The Universal Service Fund has approved funding for 274 CAPs as at February 2016, 247 of which have been commissioned to service.

The Government's Island-wide Broadband Network

ISLAND-WIDE BROADBAND NETWORK
CONNECTED SITES
As at 2016 February 29

JCF – 5/73

Ministry of Health – 60/60

Libraries – 41/41

Educational Institutions – 209/209

Post Offices – 68/77

Island-wide Broadband Network?

Broadband is a term used to describe a network that can transmit a wide range of signals, including audio and video. Broadband networks are especially useful in the networked World, as they can carry many signals at once, resulting in faster data transmission. Broadband signals are usually transmitted over four different types of infrastructure/medium (i. Copper wires pairs that are used in most land based telephone infrastructure; ii. Fibre optic cable – preferred for land based transmission; iii. Wireless signals from satellite or transmission towers; and iv. Cable TV, - coaxial cable infrastructure). Jamaica is fortunate to have multiple options for the provision of Internet access even though the coverage remains limited and is heavily concentrated in the urban and sub-urban areas of the country. Jamaica's Broadband Network will provide island-wide coverage with initial connectivity in schools, Libraries, and Post Offices. .