



BTC
BUSINESS

Smart Islands, Intelligent Nations

Carlyle Roberts, Bahamas Telecommunications Company

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btcbahamas.com/business

Technology: Constantly Evolving...

BTC
Everyday.



Technology: Creating a new world...

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Everyday.



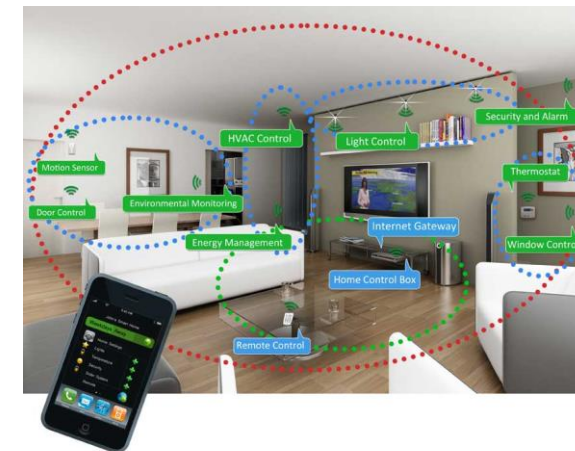
Evolutionary Path



/business

Technology: More to offer

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CITY

SMART CITY / ISLAND

/business

Diving in

"New Providence is to be a smart island...smarter, more competitive and more sustainable."

"A smart city is above all a human-centric city, which relies on an ICT infrastructure and continued urban development, always taking environmental and economic sustainability into account."
- Honlin Zhao, Secretary General of the ITU¹

So...what is needed to create a smart city/island/nation?

- Next-generation ICT infrastructure
- A well-defined and integrated management framework
- Smart users

¹ – [ITU head officially designates New Providence first 'smart island'](#), *The Nassau Guardian*, 15 April 2016

Perspectives

ABOUT US



FLOW

BTC
Everyday



Present
throughout
the region



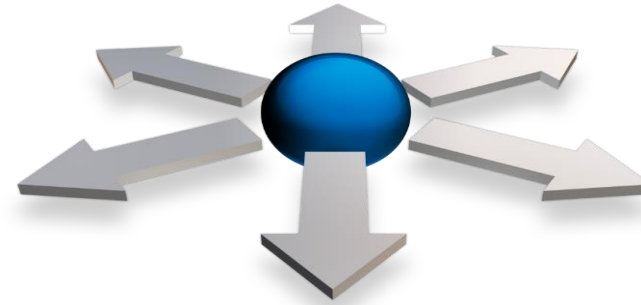
Investing heavily in
deploying
advanced ICT
capabilities in the
Caribbean

Committed to
“intelligent”



WHAT ARE THE BENEFITS OF BEING INTELLIGENT?

Economic
Development



Expanding
Beyond Borders



Global
Competitiveness

Environmental
Sustainability

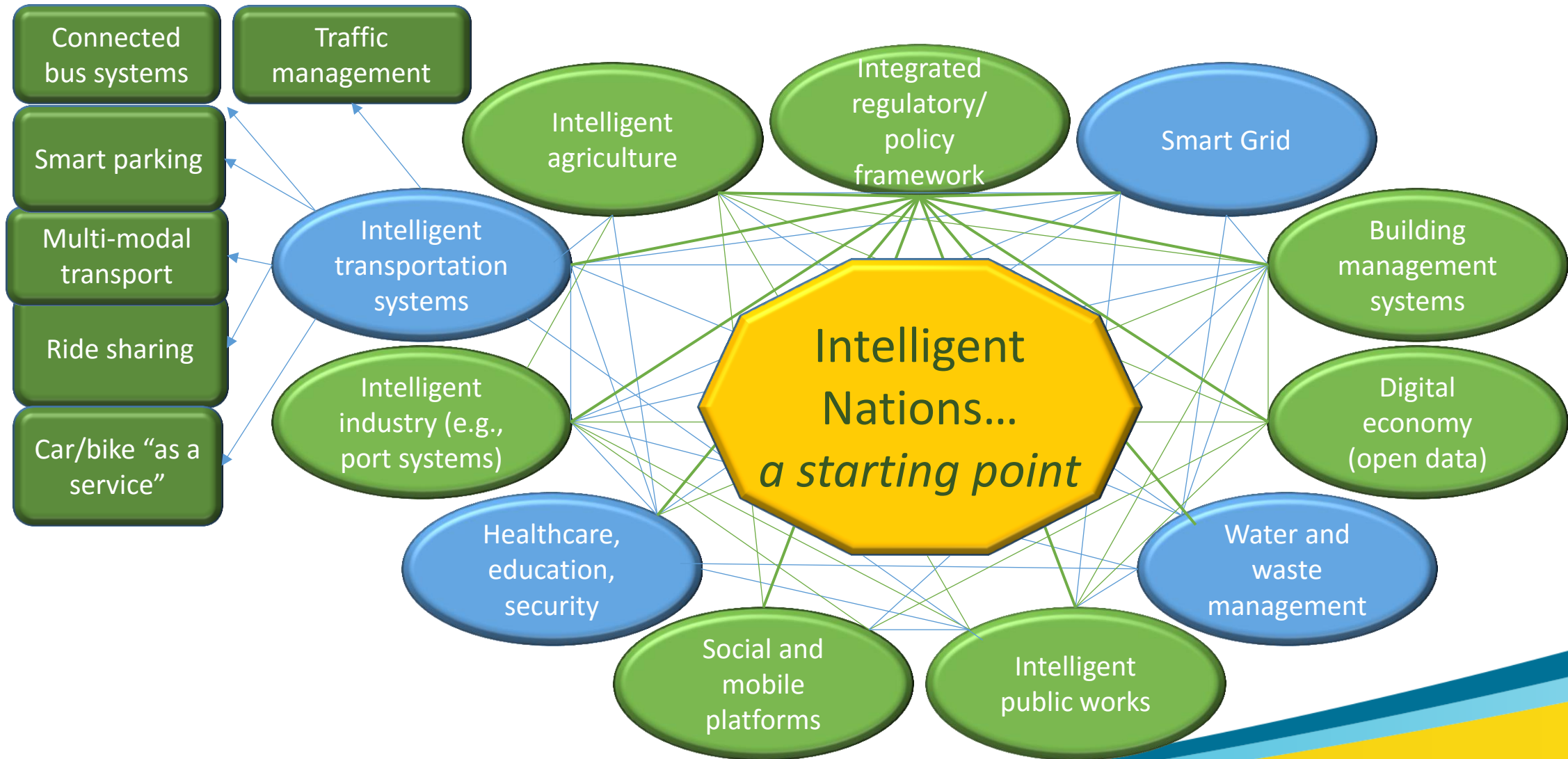


Operational
Efficiency



New Citizen
Services

What systems define an 'intelligent nation'?



Challenges



Infrastructure

1 Connectivity

- Wired and wireless for citizen, business and government

2 Broadband availability

- Reach and cost

3 Instrumentation

- Sensors, monitoring systems (including smartphones)

4 IT infrastructure

- In country and cloud
- Public and private sectors

Connectivity



Broadband availability



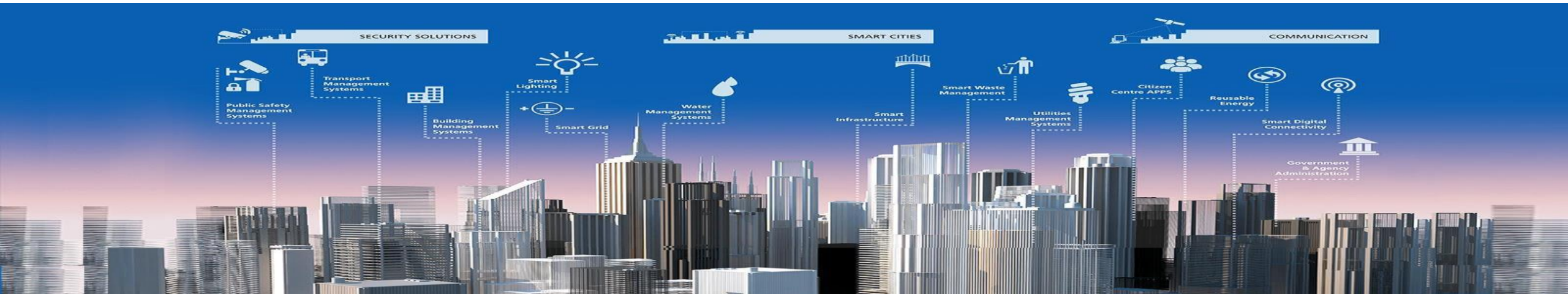
Instrumentation



IT infrastructure



Planning



National strategy and plan

- Define social and economic objectives
- Build manageable and measurable roadmaps

Regional and global coordination

- Participate in global ecosystems
- Sharing to capitalize on economies of scale

Standardization

- Ensure connectivity standards to enable system collaboration and integration
- Data and meta data standards to enable open access and to ensure security and privacy of information

Regulatory update

- Encourage innovation
- Align with the emerging digital economy

Skills and Resources

IT Skills

- Data analytic capabilities
- Integration expertise
- Security and networking specialists

Smart Citizens

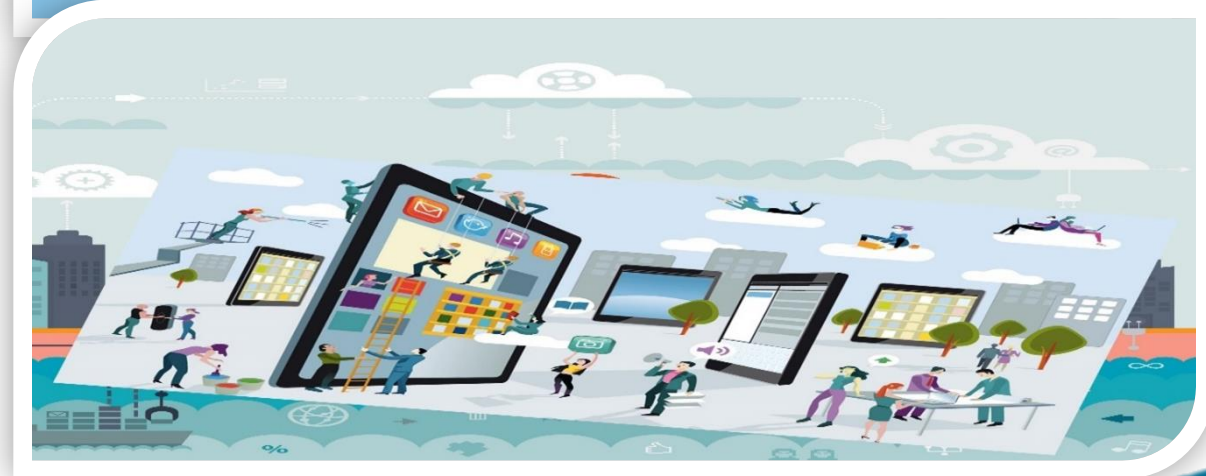
- Experience with smart mobile devices and Internet technologies
- Facility with social/mobile platforms and applications

Digital Entrepreneurship

- Capacity to work with data inputs as part of core business processes
- Facility with new Internet-based business models
- Collaboration with global experts

Digital access

- Address the digital divide; ensure that all citizens and businesses have access to digital resources



Leadership



Vision

- Understand and communicate ICT-enabled opportunities
- Articulate Intelligent Nation benefits to business and citizens; encourage support and participation

Economic direction

- Ability to develop credible business cases – and to find new ways of funding these activities
- Identify opportunities for ‘quick wins’, and expand scope based on demonstrated success
- Supporting the growth of the digital economy

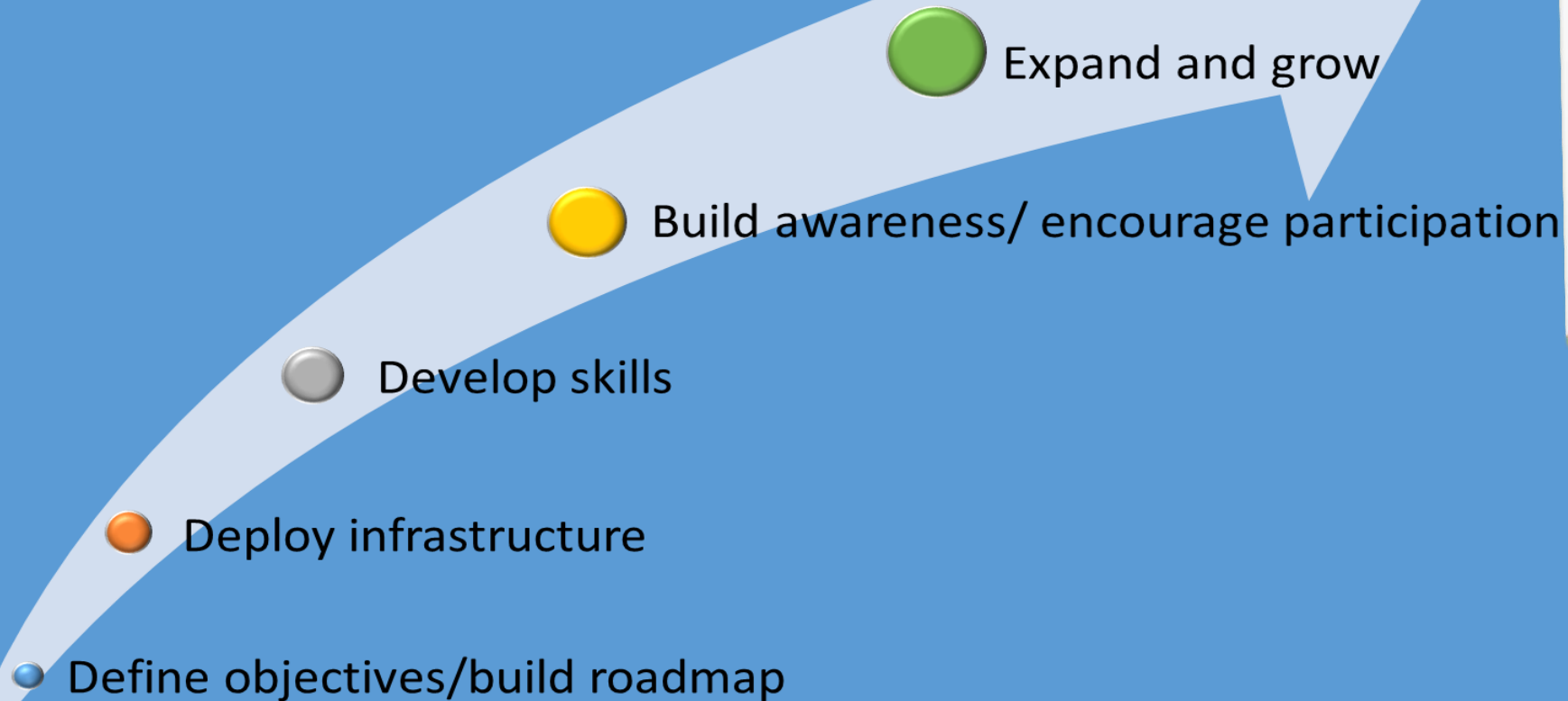
Openness to new collaboration models

- Public/private, private/private; in-country, regional, global
- Collaboration at the task, process, and/or system level(s)

Awareness of the ‘new rules’ of growth

- Understanding that new technologies (e.g., IoT) mean that the sources of innovation are likely to be distributed

The Path Forward

- 
- Expand and grow
 - Build awareness/ encourage participation
 - Develop skills
 - Deploy infrastructure
 - Define objectives/build roadmap



How to make sure your Intelligent Nations initiative fails!

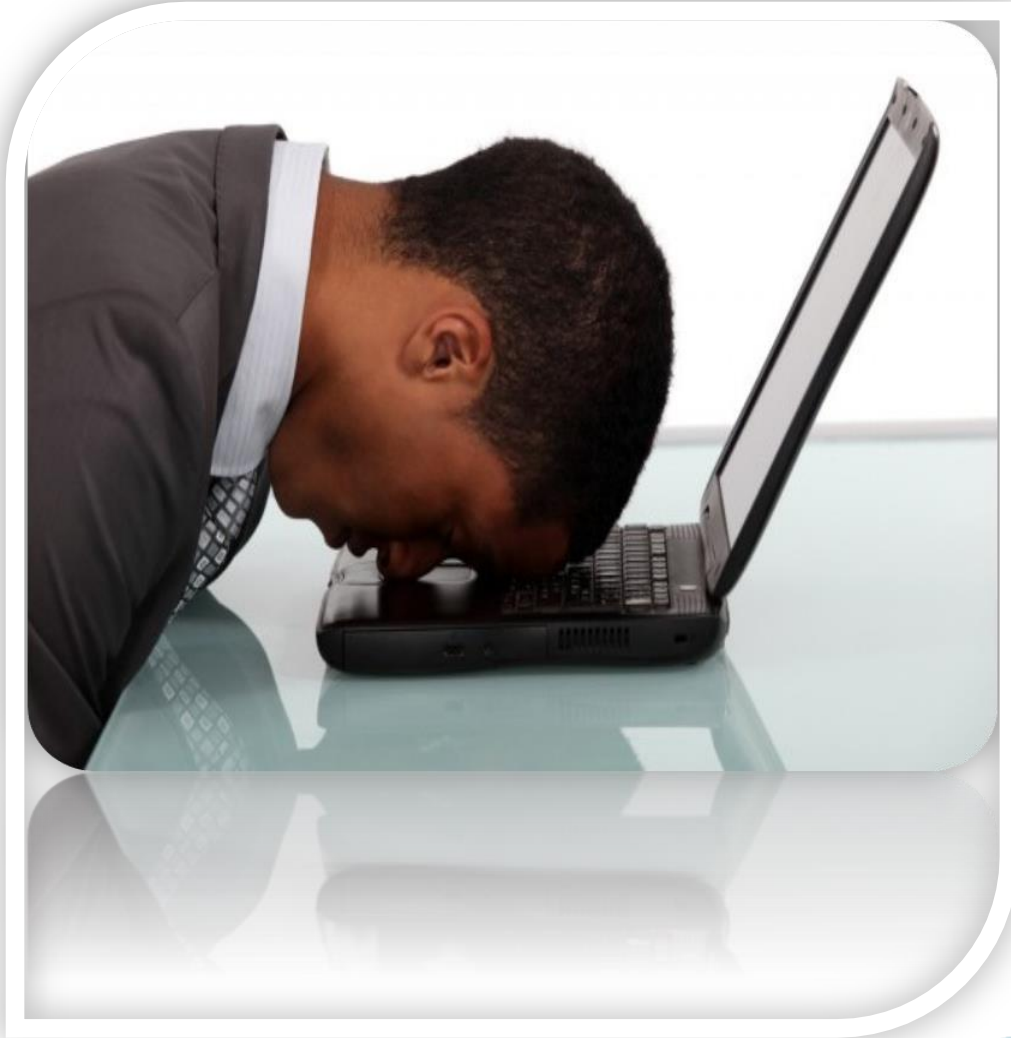


DEFINE
OBJECTIVES/
BUILD
ROADMAPS

Ignore the 'lessons learned' by cities/countries that have experimented with Intelligent/Smart communities

Go it alone! Avoid collaboration with key stakeholders (citizens, industry, suppliers, peers)

How to make sure your Intelligent Nations initiative fails!



DEFINE
OBJECTIVES/
BUILD
ROADMAPS

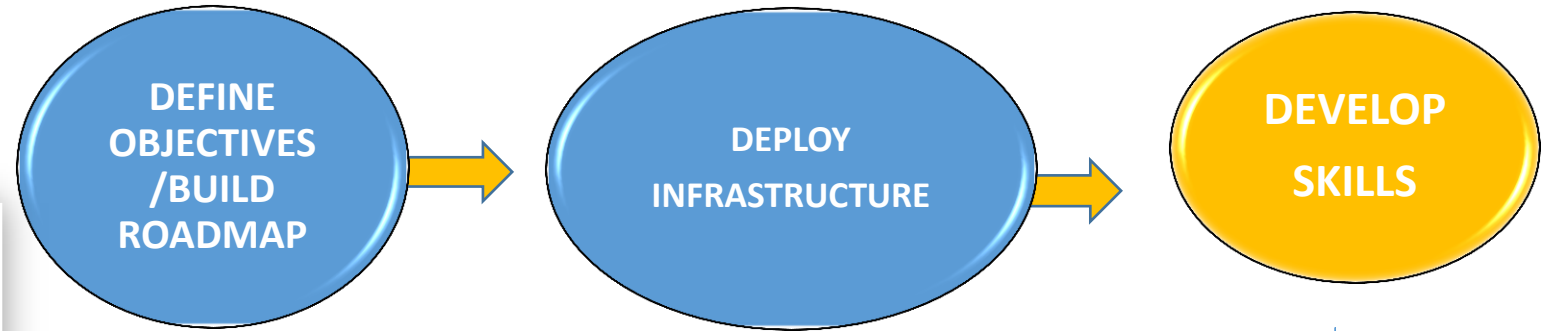


DEPLOY
INFRASTRUCTURE

Make broadband as **INACCESSIBLE** as possible

Ignore ICT interoperability requirements and data/technology standards

How to make sure your Intelligent Nations initiative fails!

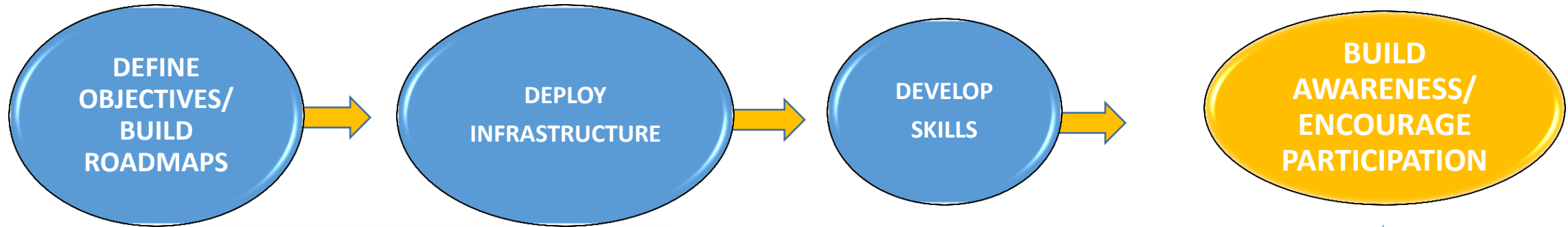


Avoid use of remote skilled workers

Train to meet yesterday's ICT demands



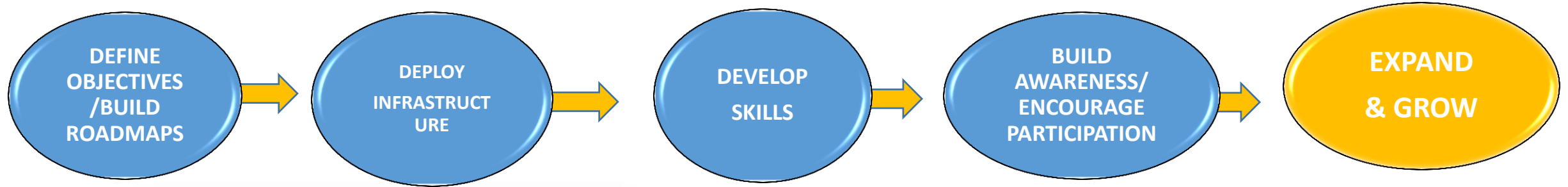
How to make sure your Intelligent Nations initiative fails!



Plan Top Down; Don't look for input

Try not to align investments and incentives with targeted digital economy outcomes

How to make sure your Intelligent Nations initiative fails!



Plan only for today; deploy platforms that can't scale

Publish a vision statement without tangible, timed markers; consider publication itself as evidence of success

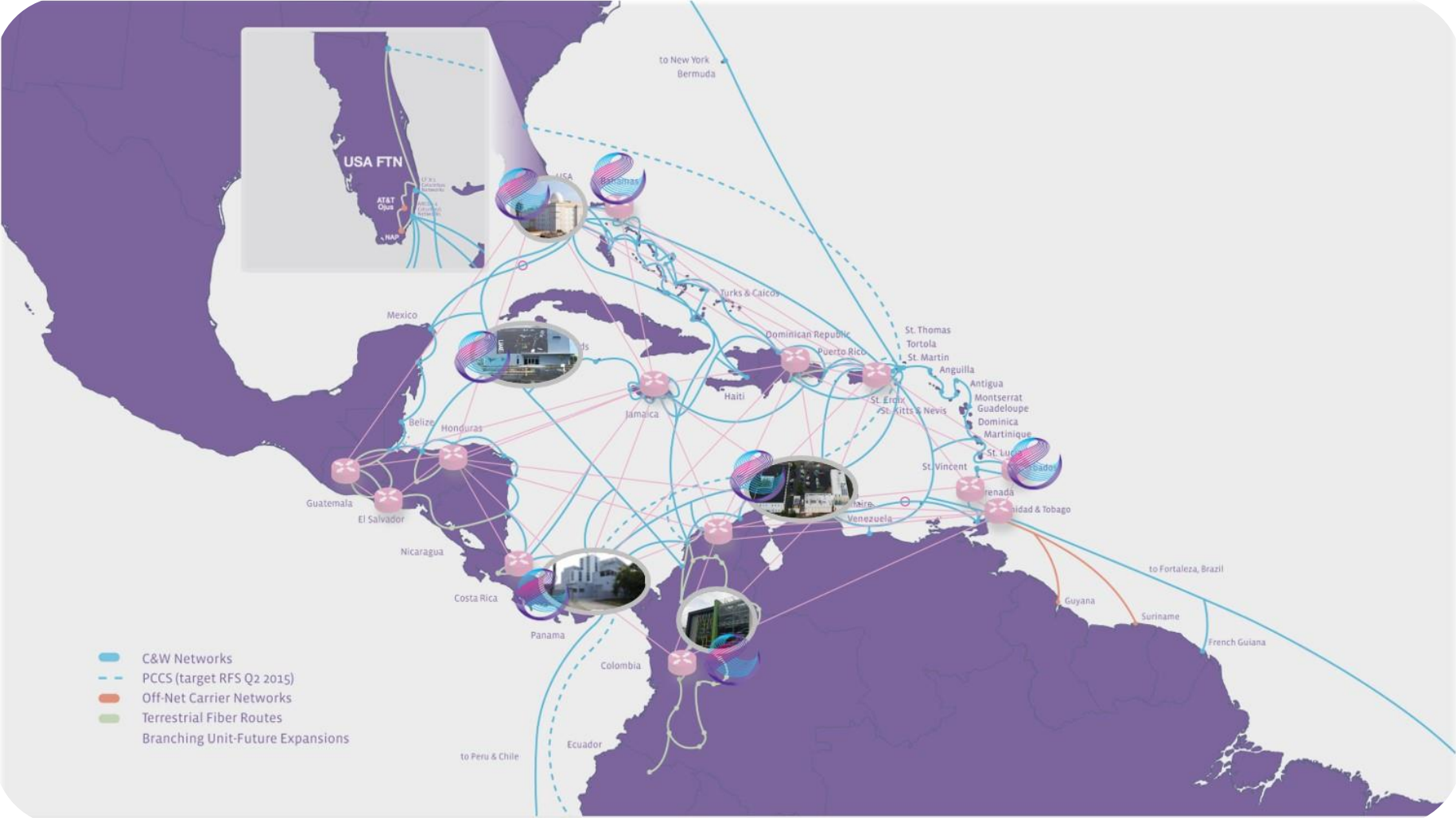
How C&W Business can help you to succeed with your Intelligent Nations initiative

C&W is committed to building Smart infrastructure to support Intelligent outcomes

We combine infrastructure and skills – and are the only provider in the region who can support roadmap development and your expansion path



How we are investing in your Intelligent Nations success



Gartner Group DRaaS Magic Quadrant



The region's most extensive infrastructure: cable, networking, data centres and skilled staff...recognized by Gartner as a global leader

How we are investing in your Intelligent Nations success




PROOF OF CONCEPT

**SPANISH WELLS,
ELEUTHERA, BAHAMAS**

PREPAID ELECTRICITY

How we are investing in your Intelligent Nations success





Bringing the cloud to
Caribbean governments

Six keys for government IT leaders

ABOUT THIS REPORT:
Cloud and hybrid IT are essential components of IT roadmaps. But how can and should Caribbean governments align current activities with future-facing strategies? In this document, based on findings from a 2016 research project conducted with government IT leaders in the Caribbean, consultants from InsightaaS share insights into what regional IT executives need to consider as they prepare to support better, more extensive and more cost-efficient government service delivery.

Authors: Michael O'Neil and Mary Allen,
InsightaaS
On behalf of C&W Business



Guidance for Caribbean
governments, based on research
with Caribbean governments

*Forming now: a community of and
for Caribbean stakeholders to
develop and promote regionally-
relevant Intelligent Nations best
practices*



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Thank you!

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How we are investing in your Intelligent Nations success



1 APP TO RULE THE HOME

- Partnership with local security systems firms to enable Customers to design their home within their budget with BTC services bundles and a security system plan
- Additional smart features provided via “Smart App” to assist in energy and water savings; as well as security options

SMART HOME