



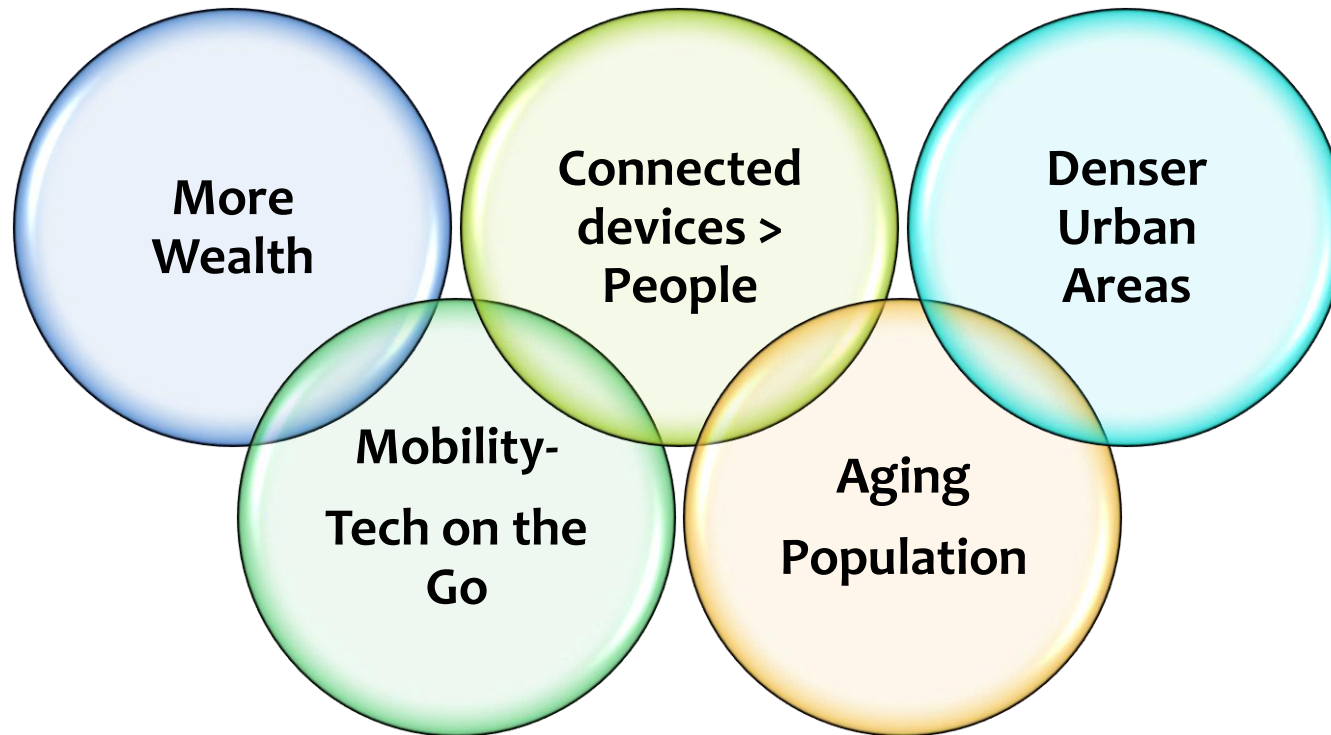
# WRC-19 and the Mobile Industry A CANTO Perspective

*Desha Clifford, Director*  
CTO ICT Forum 2018, Port of Spain  
October 2018

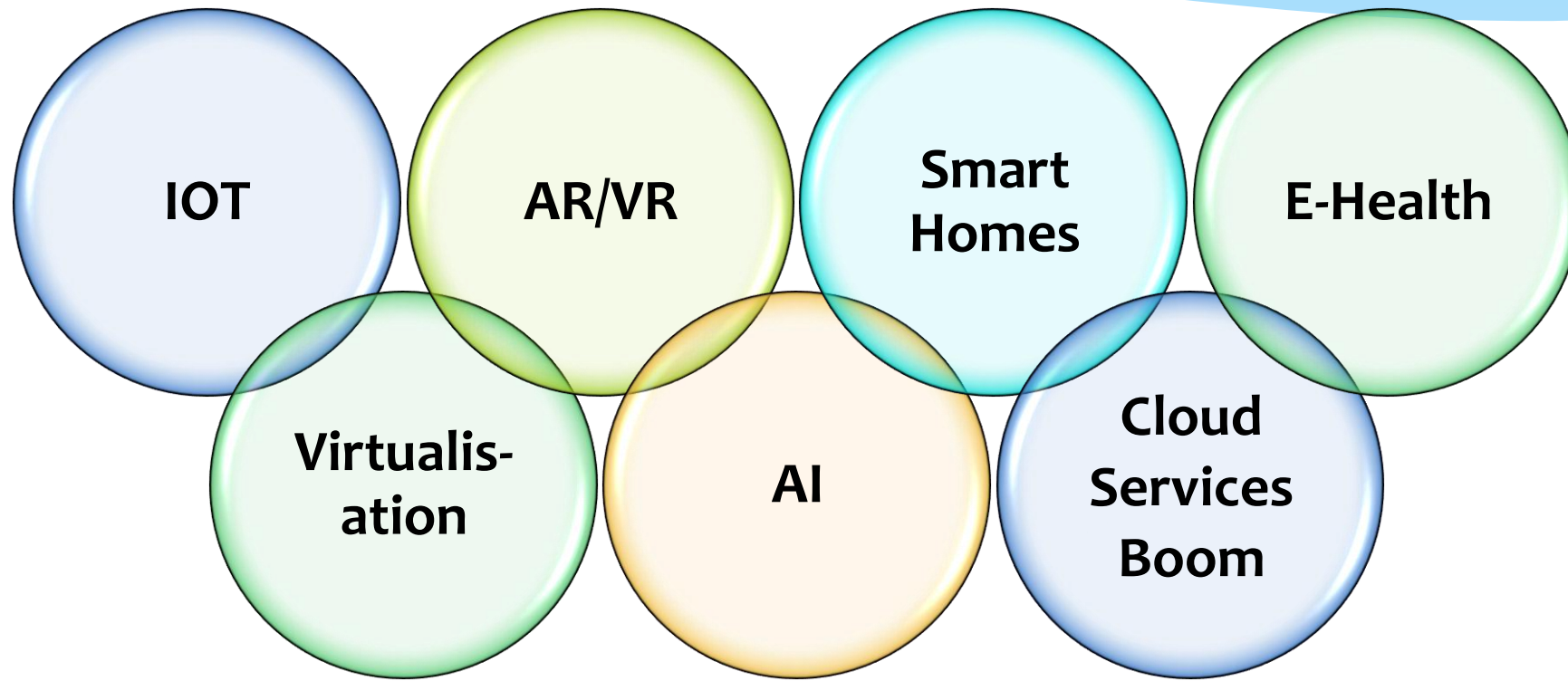
# Who is CANTO?

- \* **CANTO** is a non-profit association made up of operators, organizations, companies and individuals in the ICT (telecommunications) sector.
- \* The Association has a Caribbean focus as it relates to ICT issues for the region with a global perspective.
- \* Founded in 1985 as a non-profit association of 8 telephone operating companies, CANTO has now grown to over 141 members in more than 36 countries.
- \* A Board of Directors appointed by the membership directs the strategy of the Association and the strategy is executed by a permanent Secretariat based in Trinidad and Tobago.

# What does the future look like?



# What does the future look like?



# WRC-19

- \* To keep up with demands for higher speeds and better coverage mobile operators need more spectrum.
- \* Whether they get it or not, is in part based on decisions made at the World Radiocommunication Conference in 2019 (WRC-19).
- \* WRC-19 will address the needs of upcoming evolutions of mobile networks including Agenda Item 1.13 dealing with the use of spectrum between 24.25 and 86 GHz for IMT.

# WRC-19 Agenda Item 1.13

## Agenda Item 1.13

*“to consider identification of frequency bands for the future development of International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution 238”*



Source: ITU

### Seven spectrum ranges

24.25-27.5 GHz  
31.8-33.4 GHz  
37-43.5 GHz  
45.5-50.2 GHz  
50.4-52.6 GHz  
66-71 GHz  
71-76 GHz  
81-86 GHz

# How do we deliver the future?

- \* The future is wireless
- \* If data is the new oil – spectrum and the networks they run are the tankers
- \* Decisions at WRC will determine how big and fast these tankers will be
- \* WRC is not a single meeting but a continuous process.

# Caribbean - Public Policy Broadband Mandate

## Characteristics

- Mostly mobile connectivity. Penetration over 100% in many countries
- Countries that are not ranked competitively in Global Technology Index

## Policy Objectives

- Greater Broadband penetration – into underserved areas
- Increased speeds
- Cheaper prices
- More services



# Back to Basics....

- \* Governments set the Public Policy Agenda for Broadband
- \* Operators are expected to deliver it
- \* Operators must ensure they have the tools they need to deliver what is expected of them
- \* Operator participation in the WRC Process is therefore critical.

# Who does what at WRC?



**Governments** vote at WRC



**Regulators** advise Governments



**Operators** should engage Regulators on their requirements

# CANTO & WRC-19

- \* Traditionally Caribbean operators did not engage with WRC processes in a co-ordinated way
- \* More structured engagement with WRC 15
  - \* But it started late in the process
- \* Earlier engagement with WRC 19
- \* Intention is to strengthen links to governments, regulators and regional bodies such as CTU and CITELE to ensure the specific needs of our region are reflected in the WRC deliberations

# CANTO & WRC-19

- ✓ Consolidate operators' positions in preparing for WRC-19.
- ✓ Support Regulators and Governments in understanding the practical market impacts of proposals.
- ✓ Support proposals at CITEEL and ITU which will make more mobile spectrum available to the Caribbean.

# Some Closing Thoughts....

- \* CANTO remains committed to regional collaboration on WRC-19 preparations
  - \* Post WRC Efforts
- Once spectrum is designated for mobile use, Regulators and Governments should move quickly to release it so that Operators can deliver the benefits for individuals, industries and society as a whole.

**GRACIAS**  
**ARIGATO**  
**SHUKURIA**  
**JUSPAXAR**  
**DANKSCHEEN**  
**TASHAKKUR ATU**  
**YAQHANYELAY**  
**SUKSAMA**  
**EKHMET**  
**TINGKI**  
**BIYAN**  
**SHUKRIA**  
**THANK**  
**YOU**  
**BOLZIN**  
**MERCI**  
**GRAZIE**  
**MEHRBANI**  
**PALDIES**  
**KOMAPSUNIDA**  
**MAAKE**  
**LAH**  
**MINNONCHAD**