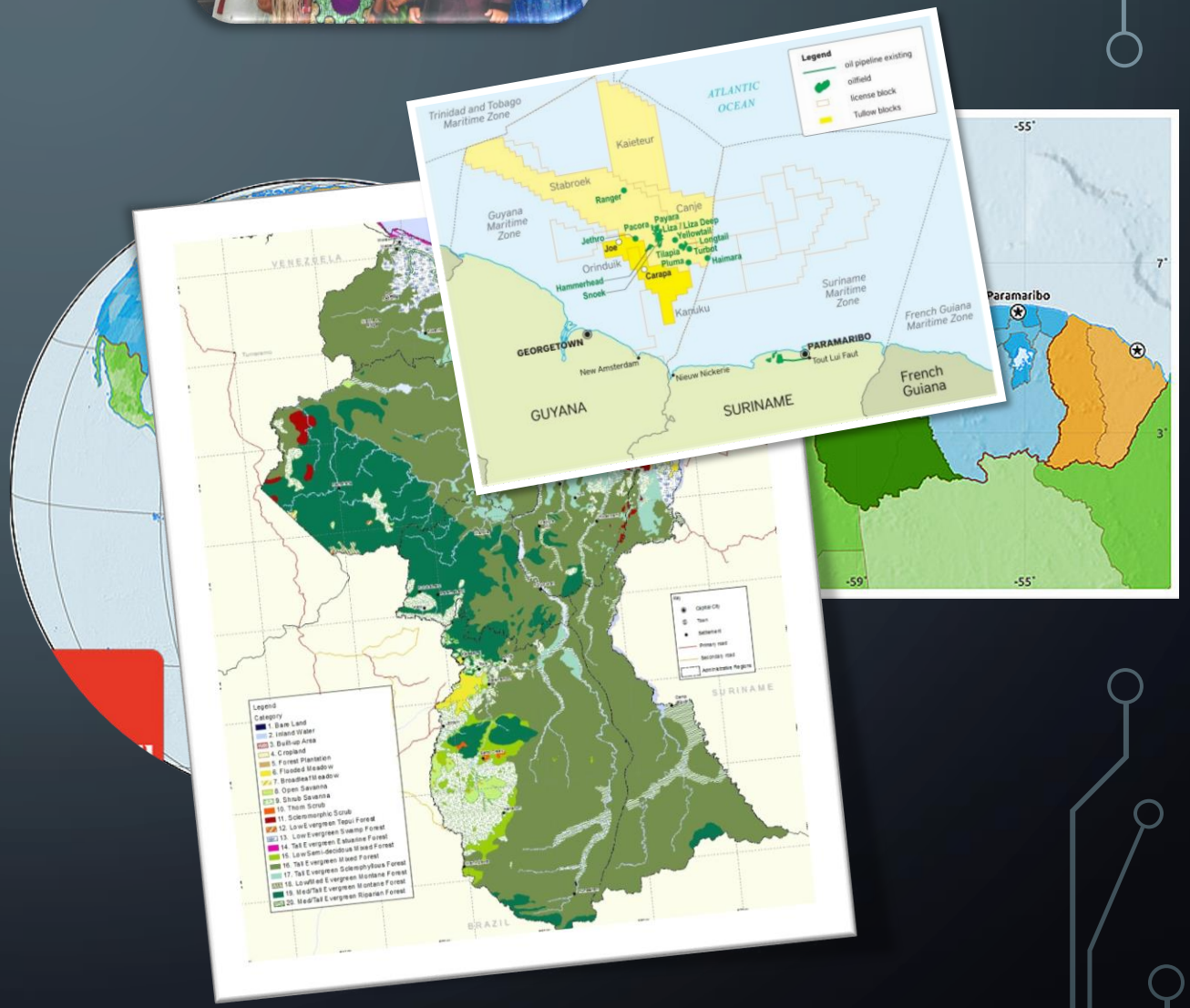
LEVERAGING INTEGRATIVE TECHNOLOGIES & PROCESSES

INTERNATIONAL SEMINAR ON UNITED NATIONS GLOBAL GEOSPATIAL INFORMATION MANAGEMENT
"THE DATA ECOSYSTEM FOR SUSTAINABLE DEVELOPMENT"
21-22 OCTOBER, 2019 | DEQING, ZHEJIANG, CHINA

GREETINGS FROM GUYANA!

- **Population** (2018)*: 779,000
- **Official Language:** English
- **Total Area:** 215,000 km²
- **Per Capita Income** (2018)*: US$4,635
- **Traditional Economic Base:**
  - Agriculture
  - Forestry
  - Mining
- Emerging Oil Economy
- On a Green State Trajectory



*Source: World Bank, 2018

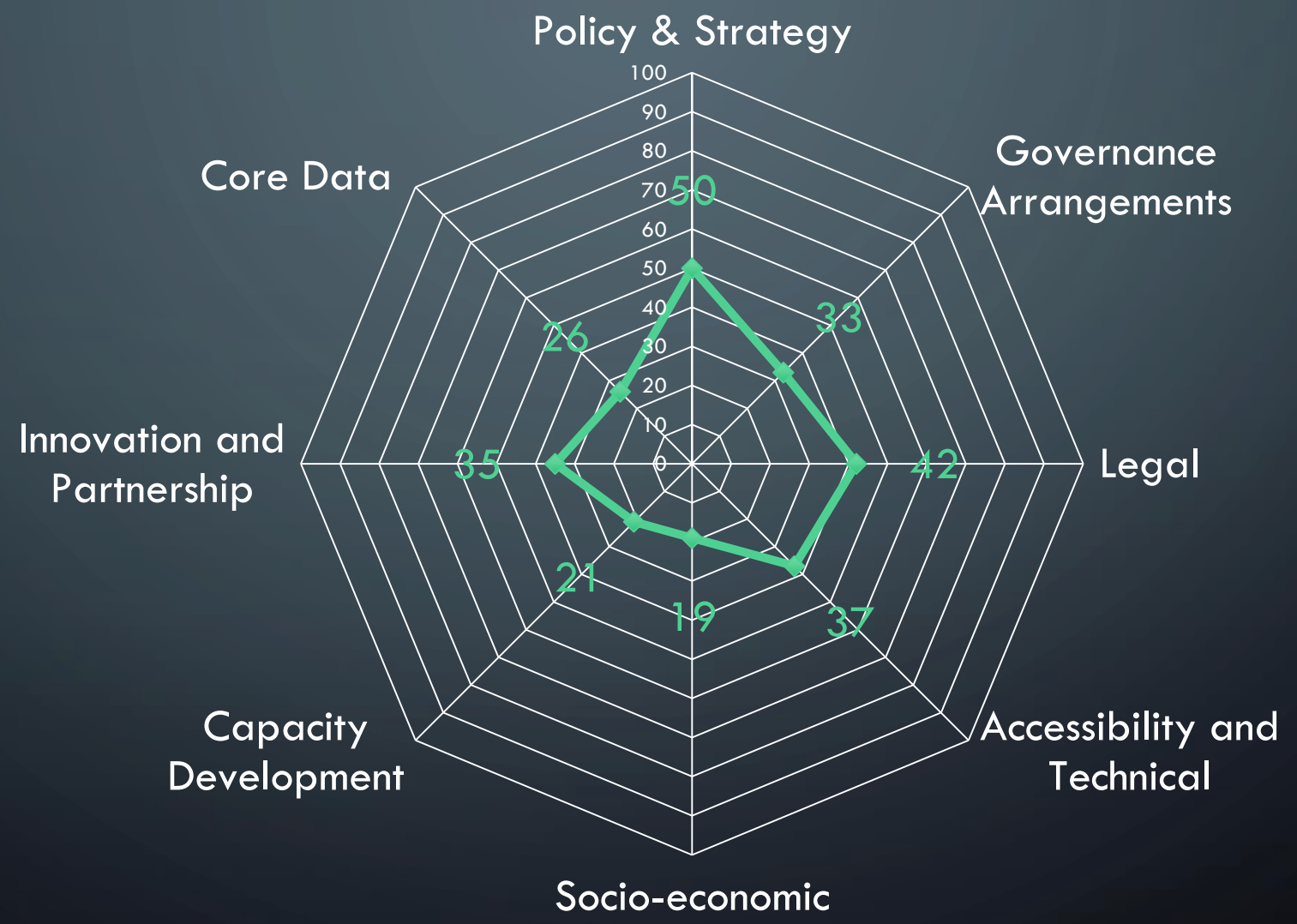
Develop
Informed
Processes
Machine
Systems-driven
Enterprises
Lidar
Communities
Citizens
Coordinate
Ecosystem
Collaborative
Guyana
Big
Federating
Vehicles
Sustain
Benefit
Geospatial
Cloud
System-of-systems
Comprehensive
Statistical
Development
Information
Decisions
People
Timely
Deliver
Integrate
Actions
Autonomous
Leverage
National

PEOPLE
SUCCESS
TECHNOLOGY
PROCESSES

WHAT HAVE WE DONE SO FAR?

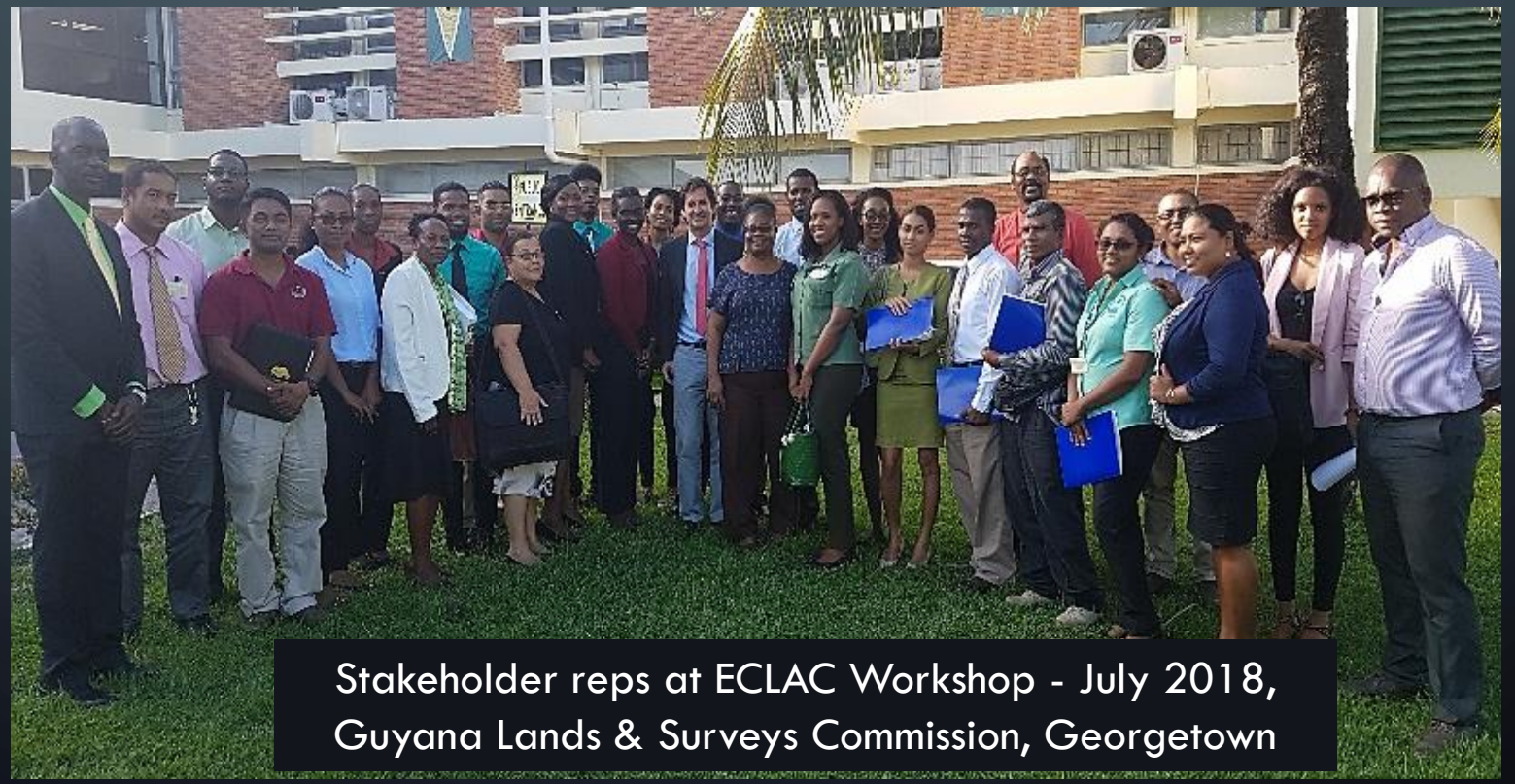
- Sustainable Land Development and Management (SLDM Project)
- National Geospatial Policy (at Cabinet for approval)
- EU-FLEGT (European Union Forest Law Enforcement, Governance and Trade)
- National Spatial Data Infrastructure (NSDI)
- Geodetic Reference Frame (CORS)
- The integrated geospatial information framework – **Implementation**
- National Data Management Authority (NDMA)

NSDI DIAGNOSTIC SUMMARY, JANUARY 2019



TOWARDS IGIF IMPLEMENTATION: NATIONAL GEOSPATIAL POLICY

- 5th iteration of National GIS Policy was reviewed using the IGIF Overarching Strategic Framework.
  - Revised and sent to Government of Guyana Cabinet in January 2019, where it is pending approval.



Stakeholder reps at ECLAC Workshop - July 2018, Guyana Lands & Surveys Commission, Georgetown

CHALLENGES

- Lack of Human Capacity (Remote sensing, CORS, Geodatabse, Geoportal etc.)
- Implementation of Standards
- Age of Base Data
- Ability to Generate Data

谢谢
THANK YOU
Kaieteur Falls