Republic of Rwanda

Rwanda STI Overview

20th Annual Session of the UNCSTD

"In Rwanda, we put science at the very centre of our national development strategy, starting from 1997, when urgent questions of national reconstruction still, of necessity, consumed almost all of our attention. But it was clear, even then, that our pathway to prosperity lays in investing in the productive capabilities of our people, which until then had not been given adequate attention"

H.E. Paul KAGAME, President of the Republic of Rwanda, ICTP, Trieste, Italy, 2014

Enabling Environment & Ecosystem

Diversified and Sustainable Energy: Methane Gas, Solar Energy, Peat

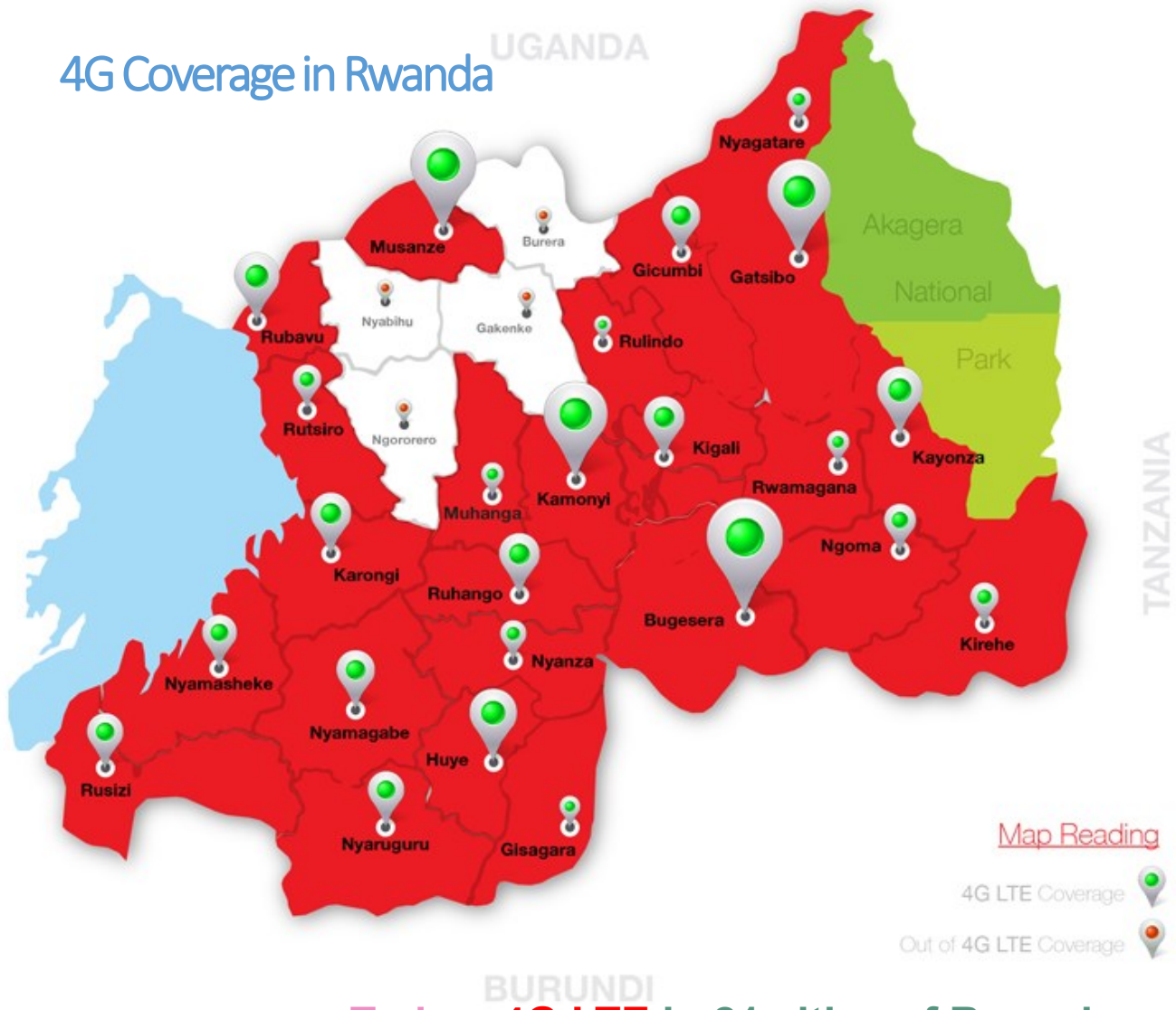
Modern broadband infrastructure: Fiber Optic, 4G, Data Center

Agriculture: Seed Bank, eSoko, EAX, mFarm, Fertilizer Voucher MS, Mechanization

Growing Network of Regional and National Centers of Excellence

- Africa Center of Excellence in Data Sciences (UR, WB)
- Africa Center of Excellence in Internet of Things (UR, WB)
- Carnegie Mellon University Africa (CoE in ICT)
- Regional Health Supply Chain Management and Logistics
- East African CoE in Biomedical Eng. (UR, AfDB)
- African Institute of Mathematical Sciences (AIMS)

Growth of the Telecommunication Sector



Today: 4G LTE in 21 cities of Rwanda

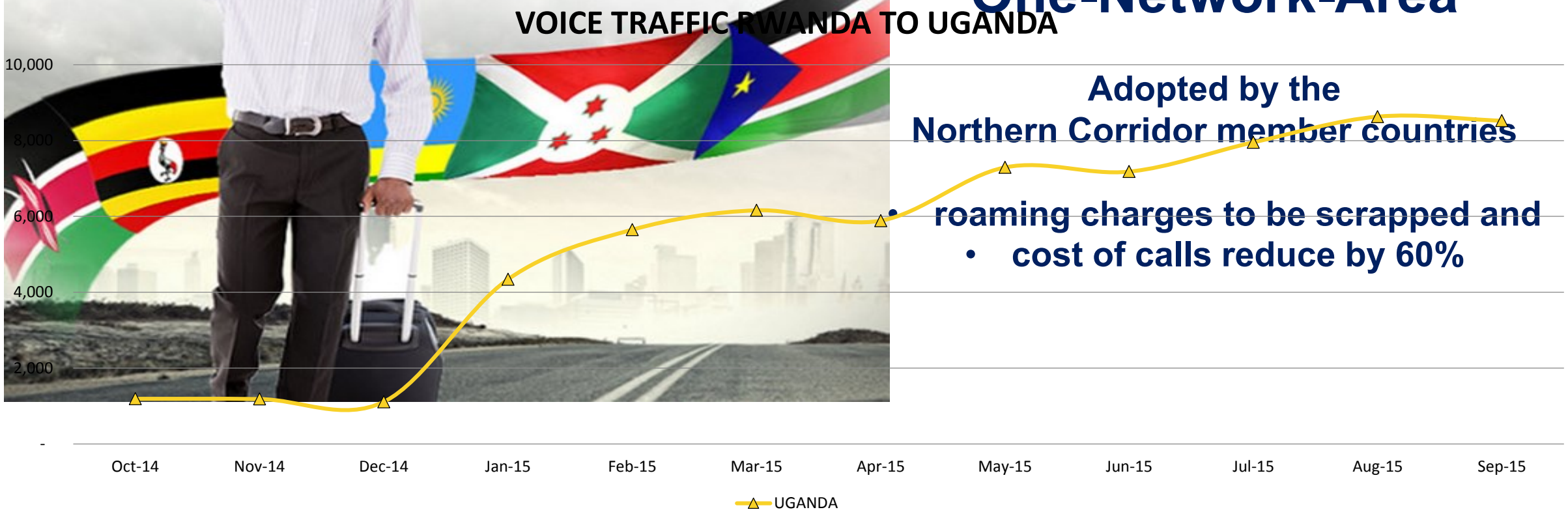
Rwanda Elected as ITU Council member

Driving Regional Integration

One-Network-Area

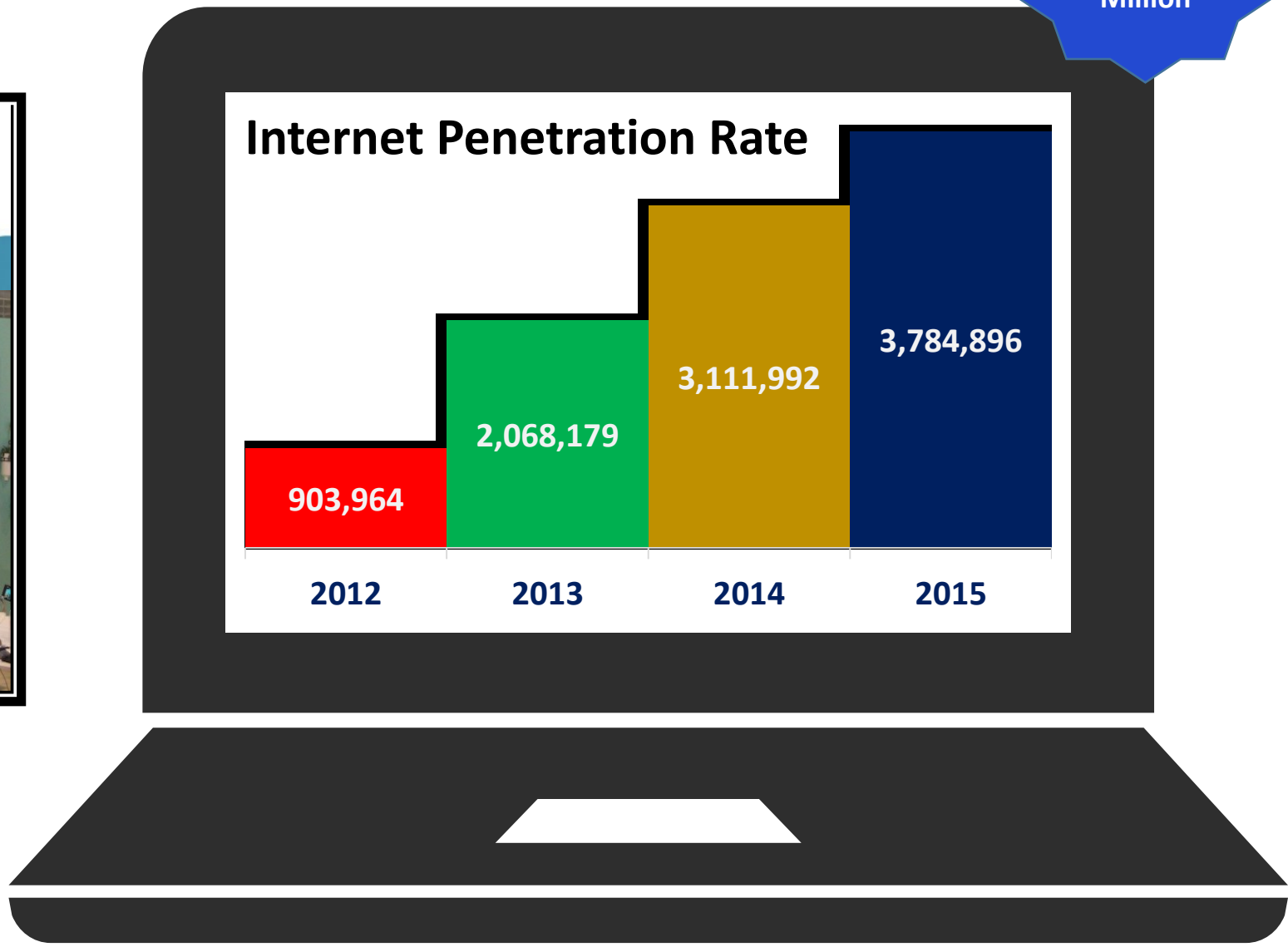
Adopted by the Northern Corridor member countries

- **roaming charges to be scrapped and**
- **cost of calls reduce by 60%**



Mobile-telephone penetration and internet subscribers

Population 11.8 Million



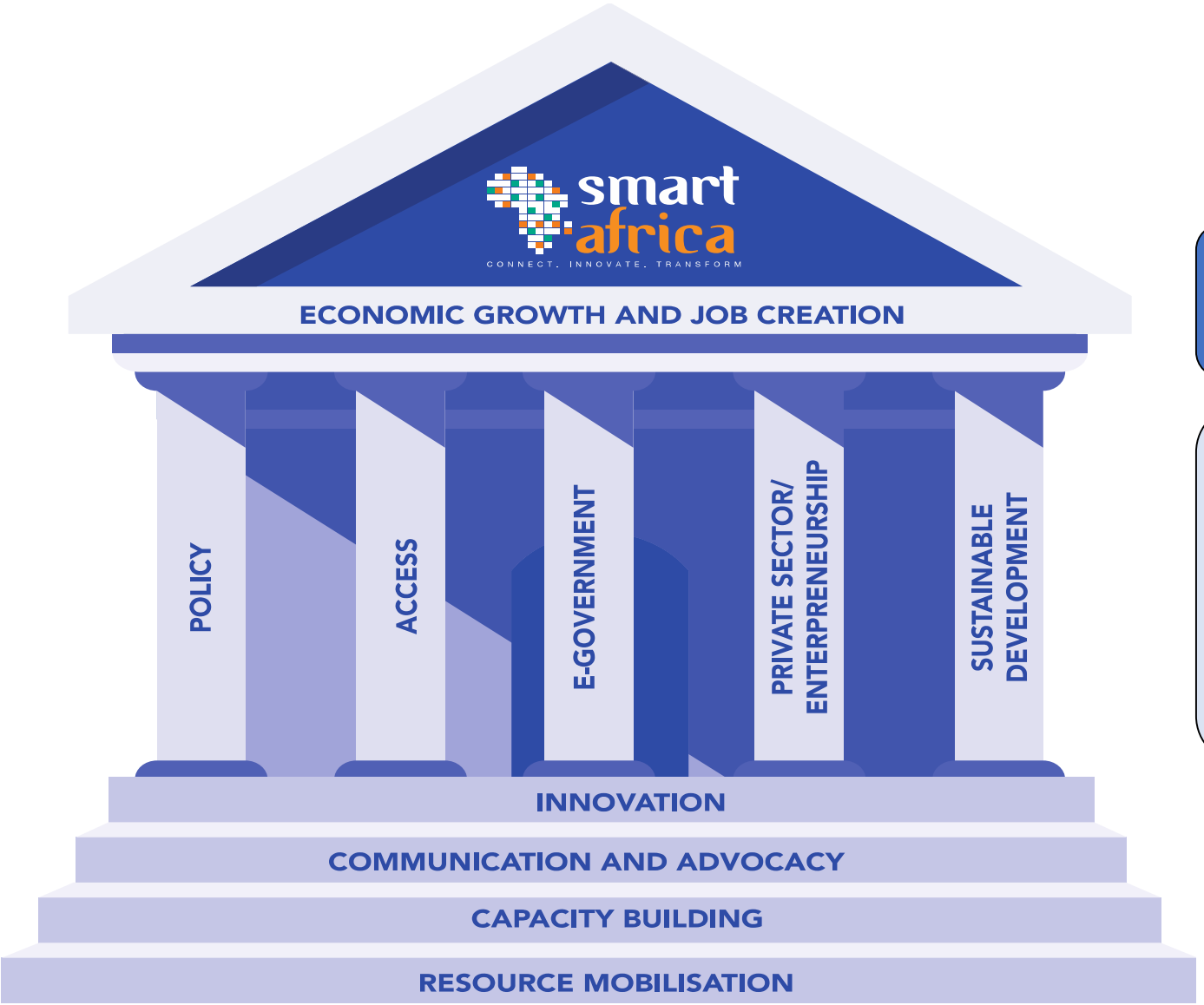
Digitizing Rwanda

Rwanda Online
Govt Services
accessible on IREMBO

Smart Rwanda Days

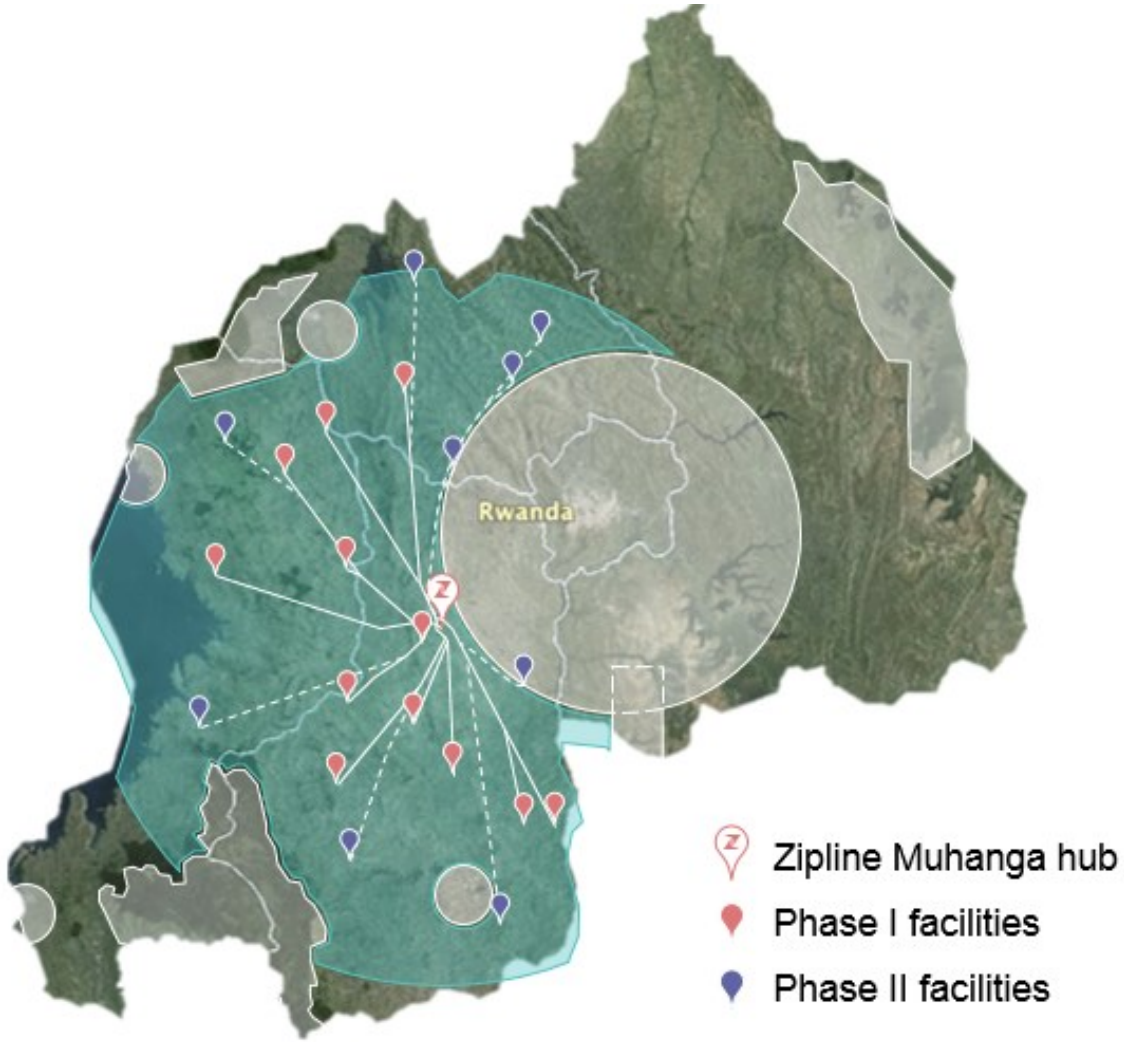
Digital Migration

Smart Africa Alliance

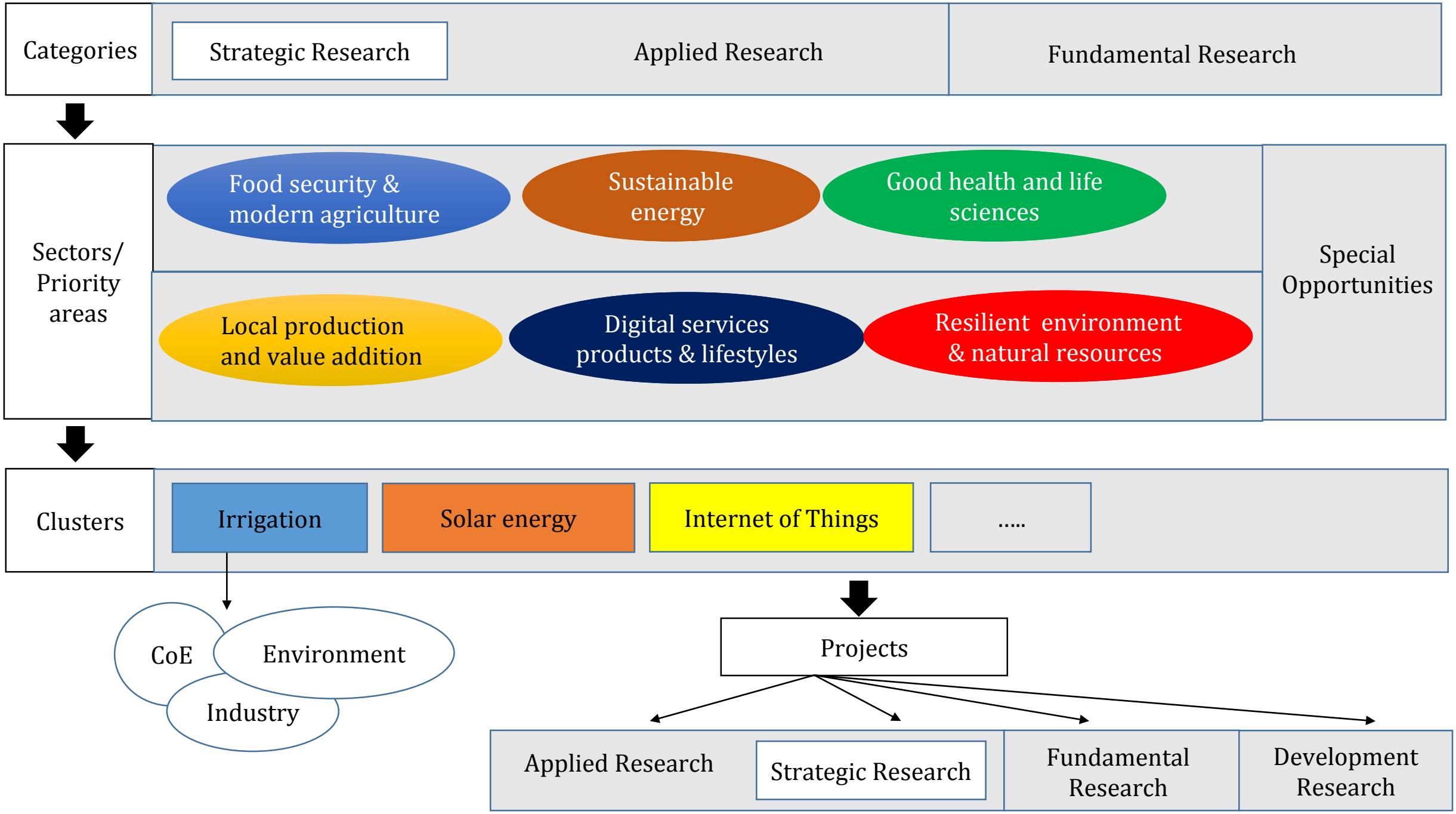


Mission	**Coordinate SMART Africa Alliance**
Goals	1. Investment promotion 2. Skills building 3. Knowledge sharing 4. Innovation 5. Coordination

Drones in Health sector



Rwanda National Commission of Science and Technology


Categories
Strategic Research
Applied Research
Fundamental Research
Sectors/ Priority areas
Food security & modern agriculture
Sustainable energy
Good health and life sciences
Local production and value addition
Digital services products & lifestyles
Resilient environment & natural resources
Special Opportunities
Clusters
Irrigation
Solar energy
Internet of Things
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CoE
Environment
Industry
Projects
Applied Research
Strategic Research
Fundamental Research
Development Research