



# INFRASTRUCTURE

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# Presentation Outline

- ❑ **Vision & Mission**
- ❑ **Two Components of Infrastructure**
- ❑ **Achievements & Progress Update**
- ❑ **Challenges & Constraints**
- ❑ **Development Plans 2016-2019**
- ❑ **Conclusion**

LOGO

## **Vision**

**Improving Connectivity and Strengthening  
Social & Economic Resilience in Kiribati by  
2019**

## ***Mission***

**To improve quality climate change  
resilient infrastructure in urban and  
rural areas**

LOGO



# Two major components of Infrastructure

## 1. ECONOMIC INFRASTRUCTURE:

- **Telecommunications & ICT Development**
- **Transport (Land & Marine & Air)**

## 2. SOCIAL INFRASTRUCTURE

- **Energy Sources Development ( Renewable Energy & Solar Power Systems)**
- **Rehabilitation of Health and Education Services in rural and urban areas**
- **Judiciary Services in rural and urban areas**




# Achievements and Progress Updates





# Crosscutting issues

- Highly dispersed population
  - Lack of understanding of our context thus creating budget shortfalls
  - Bureaucratic Processes for funding access and disbursements
  - Time lag in implementation
  - Foreign Exchange fluctuation
  - Outdated Laws and Regulations
  - Asset management
  - High Maintenance Costs associated with environment issues
  - Power fluctuation
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# Challenges & Constraints

## ◆ Communication

- Lack of proper Infrastructure on the Outer Islands
- Obsolete and expensive telecommunication technology
- Lack of capacity to keep up with changing technology



# Challenges & Constraints

## Transport (Seaport & Maritime Safety)

- ◆ Safety in Cargo Operation and Passengers
- ◆ Absence of Jetties and Ramps on Outer island
- ◆ Dredging of Boat Passages
- ◆ No Dredger Available
- ◆ Lack of a fit to purpose marine vessels (transport fish from outer islands to Tarawa & International markets)

## Transport (Aviation & Land)

- ◆ Upgrading of Outer Islands; airport runways & terminals, good roads (tar sealed road)
- ◆ Limited international air services (Freighter & Passenger aircraft)
- ◆ Highly subsidized air service to Christmas Island



# Social Infrastructure Challenges

## ◆ Cross Cutting issues

- Maintenance & Relocation of Government Buildings
- Deficiencies in the Communication channel between Development Partners and Government Agencies
- Lack of capacity to operate and implement modern technologies.
- Conflict between the use of local materials vs permanent materials
- Lack of trade skills on the outer islands for maintenance purposes
- Access to Junior and Senior Secondary Schools
- High dependency on fossil fuels

# Development plans 2016-2019

## ◆ Infrastructure (Telecommunication, Transportation, Social services)

- Exploration of Submarine Cable connectivity
  - Initial meeting has convened between Government of Kiribati and FSM (submarine cable connection via FSM or Marshall Island)
  - Follow up meeting in May 2016
- Development of E-Government Infrastructure
- Development of Kiritimati Island as an international seaport hub for fishing activities in the Line and Phoenix Islands.
  - Preliminary study required.
- Develop Port Entry Passages in the Line and Phoenix Islands
  - Dredger Vessel
  - Continuous survey required
- Upgrading of Boat Passages in all outer islands.
  - Dredger Vessel
- Upgrade and establish infrastructure to support artisanal fishermen to increase income opportunities such as value added marine products to South Tarawa.
- Enhance & Increase Energy supply towards renewable and solar power system

# Development plans 2016-2019

- Improve Coastal infrastructure construction and Maintenance
- Implementation robust maintenance and asset planning systems.
- Procurement of an international aircraft and Marine vessels
- Increase capacity to participate in the management of our Airspace
- Formulation and Review of existing Laws and Legislations to improve and provide a more fitting legal cover.
- Establishment of E-Learning Centre for Outer Islands secondary school.

# Conclusion

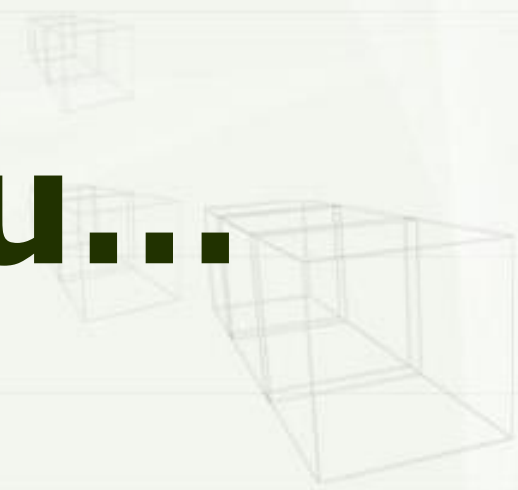
- ◆ Putting in place appropriate infrastructure on the outer islands such as telecommunications, transport and essential Utilities will enhance economic growth
- ◆ Maintaining the right balance between economic infrastructure and Social infrastructure, to ensure the livelihood of the people on the outer islands is also improved

## SPIN OFF EFFECTS

- ◆ Access to these services will encourage people on Tarawa to return to their home islands
- ◆ Create Job opportunities on the outer island
- ◆ Facilitate and improve domestic and international trade activities (cargo, copra, mnp and local produce/products)
- ◆ Healthy and Safe Community
- ◆ Strengthen tourism activities in the rural and urban areas (exploration of uninhabited islands in the Southern Line Islands).



**Thank you...**



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