Action Plan

In Search Of a Solution

Public Sector Training Development Program

For Solomon Islands Government Officials

October/
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KOICA
Korea International Cooperation Agency

Presenters

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Proposed Projects

1. Rainfall Monitoring – Remote Sensing

2. Ocean Observation Equipment

❖ Questions for the Action Plan (Examples)

- Group A: How to innovate a public service training to enhance public officials' capacities?

- Group B: What kind of leadership program should be provided for high-level policymakers and senior officials to enhance their strategic policy management capabilities?

- Group C: How can human resource management (HRM) systems for middle-level and senior officials be improved in order to strengthen their accountabilities while achieving their respective organizations' visions and goals?

People Peace Prosperity Planet

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- **Background and Purpose**

✓ Vulnerable to the adverse impacts of extreme conditions associated with hydro-meteorological, climatic, oceanic, and geological processes.

✓ Tropical cyclones, heavy rainfall, storm surges, drought during El Niño events, rising sea levels, floods, landslides,

- **Purpose**

✓ climate and disaster resilience platform — connecting communities and government agencies to prepare for, respond to, and recover from climate and disaster risks, with real-time alerts, incident mapping, and coordinated response tools in one place.

2. Current Status and Issues

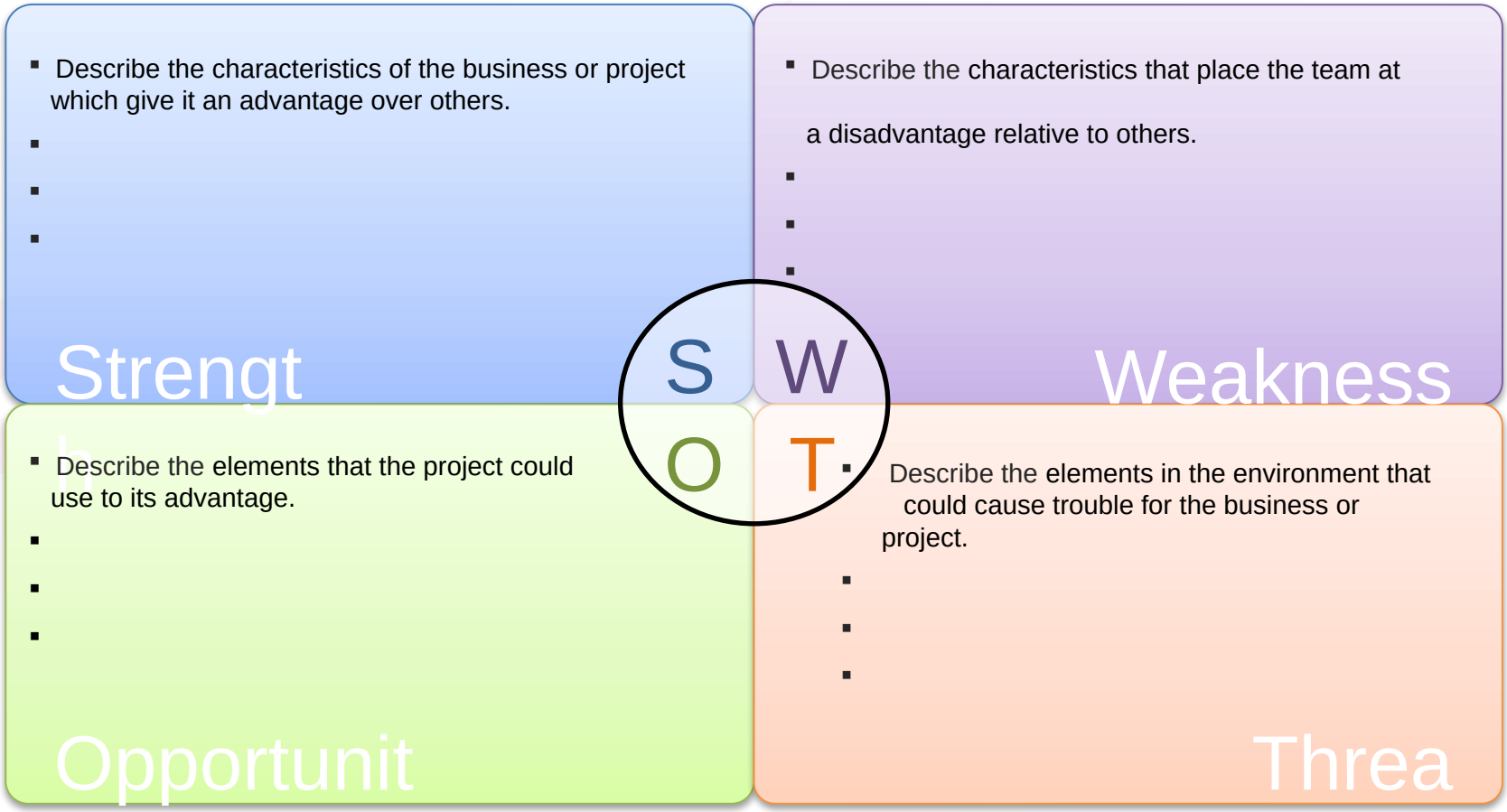
- ✓ Budget constrains
- ✓ Remote areas and access
- ✓ Limited Internet access
- ✓ Remoteness
- ✓ Land ownership-Infrastructure
- ✓ High cost of digital technology
- ✓ Skills & knowledge gaps
- ✓ Single dominant Telecommunications provider – (Solomon telekom)
- ✓ Enforcement is ok-Met Act 1985 under review

※ Identify the current problems and issues of your part of the ministry or the government

※ Describe the problems of the existing enforcement policies

※ Do not provide general information about your country (e.g., population, location, map, etc.)

2. Current Status and Issues – SWOT Analysis



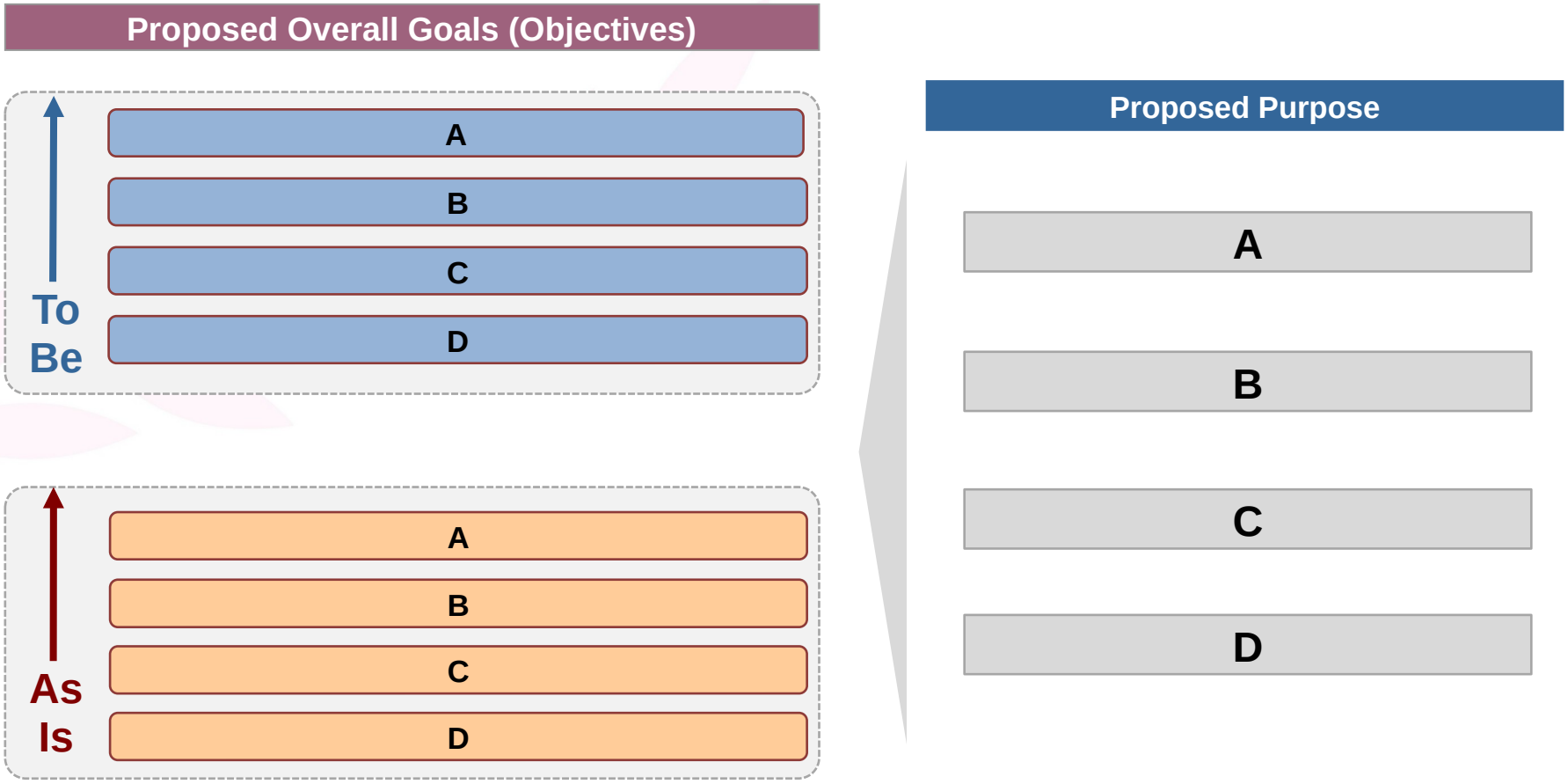
1. Rainfall Monitoring – Remote Sensing

SWOT	Solomon Islands-specific analysis
Strengths	❑ Existing weather forecasting and early warning services. ❑ New C-Band Weather Radar currently under construction. Funded by the Weather Ready Pacific (WRP). ❑ Observation meteorological stations (both Manned & automatic weather stations and automatic rainfall gauges.
Weaknesses	❑ Limited observations data coverage –uneven distribution difficult to validate satellite rainfall estimates in specific locations and NWPs. ❑ Data transmission, technical staffing and equipment maintenance need to be sustained to ensure timely information
Opportun	❑ Improve integration of satellite rainfall estimates,

2. Ocean Observation Equipment

SWOT	Solomon Islands-specific analysis
Strengths	❑ Existing national meteorological and regional ocean-monitoring arrangements provide a foundation for sea-level and climate observations. ❑ Ocean observations can support monitoring of tides, sea-level rise and coastal hazards. ❑ Established regional partnerships offer opportunities for technical support and data sharing.
Weaknesses	❑ Limited ocean observations data coverage –uneven in all vulnerable coastlines and islands. ❑ difficult and costly to inspect, repair and calibrate.
Opportunities	❑ additional tide gauges, wave buoys and coastal water-level sensors in high-risk locations. Increased Data coverage ❑ Improve community preparedness for coastal flooding and tsunami-related hazards through appropriate warning arrangements.
Threats	❑ Insufficient long-term funding may affect maintenance, replacement and operational sustainability

3. Current Status and Issues – Gap Analysis



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❖ In this section, the proposal's overall goals and purpose need to be filled in.

3. Current Status and Issues – Gap Analysis

Proposed Overall Goals (Objectives)

To strengthen disaster risk reduction and early warning capacity in Solomon Islands through improved rainfall monitoring, ocean observation, reliable data management and effective dissemination of timely hazard warnings to vulnerable communities.

Proposed Purpose

1. **Improve monitoring coverage:** Strengthen rainfall monitoring using remote sensing and ground-based observations, and improve ocean observation coverage in high-risk and underserved areas of Solomon Islands.

2. **Improve system reliability:** Enhance the operational reliability, maintenance,
   data quality and communication systems of rainfall monitoring and ocean
   observation equipment.

3. Improvement Strategy

- ✓ Describe how do you want to improve current status of your country and what you will do to solve issues of your country or government.
- ✓ Develop strategies that promote cooperation with senior officers and connection with subordinate officers within the department.
- ✓ Improve your current duties and present the methods to combine them with other duties.

4. Specific Action Plan

- ✓ Describe and formulate the new policies to solve the current status and problems.
- ✓ Illustrate the objectives and main goals to be applied to your home country using the cases and knowledge obtained from the training courses in Korea.
- ✓ Do not be too general or abstract in this process.
- ✓ Be concrete in describing the results that may appear to set the direction of the specified period and the commitment of resources.
- ✓ Describe specific plans about how and what you will pursue to accomplish your goals

4. Specific Action Plan

The steps to achieve your goals

- Describe the process of your plan in 3~4 steps
- **Assess current situation**→Identify equipment, coverage gaps,
- technical issues and priority disaster risks across Solomons.

STEP 1

- **Improve existing systems**
- Repair equipment, improve data quality and establish reliable maintenance arrangements.

STEP 2

- **Strengthen monitoring and data sharing**
- Improve satellite rainfall monitoring, ocean observations and communication between relevant agencies.

STEP 3

4. Specific Action Plan

The steps to achieve your goals

STEP 4

- Describe the process of your plan in 3~4 steps
- **Assess current situation**→Identify equipment, coverage gaps,
- technical issues and priority disaster risks across Solomons.

STEP 5

- **Improve existing systems**
- Repair equipment, improve data quality and establish reliable maintenance arrangements.

5. Outline of the Action Plan

- **Implementing Organization**
  - Name of the organization: _____
  - Nature or type of the organization: _____
  - Major functions of the organization:

_____

_____

_____

_____

_____

_____

- **Duration of the Project : (0) Year(s)**
  - Date of commencement: _____
  - Date of completion: _____

❖ Action Plan – Time Table (Examples)

- **Duration: (0) Year(s), First Year Work Plan: 2013**

No	Item	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Fund US$
1	Action Plan presentation													
2	Report and dissemination													
3	Feedback from stakeholders													
4	Institutional reform, administrative approval													
5	Workshop to framework of activities													
6	Training for all concerns													
7														
8														
9														
10														

❖ Action Plan – Duration (Examples)

- **Duration : (0) Year(s), Second Year Work Plan: 2014**

No	Item	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Fund US$
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														

❖ Outline of the Action Plan–Budget (if needed)

- Fill in the necessary budget and manpower if needed
- Fill in the plan for cooperation between institutions

✓

✓

✓

Budget allocation by implementation phase
These phase allocations are indicative and should be reconciled with the detailed budget items before submission.

Implementation phase	Timeline	Estimated (SBD)
Assessment and planning	Months 1–2	$80,000
Maintenance and rehabilitation	Months 3–4	$300,000
Monitoring improvement	Months 5–6	$250,000
Data integration and communications	Months 7–8	$280,000
Training and early warning integration	Months 9–10	$250,000
Evaluation and sustainability planning	Months 11–12	$170,000
Contingency reserve	As required	$133,000

6. Expected Results – Outputs/Outcomes

- **Economic Effects**

✓
✓ Describe the expected economic effects of the proposal.
✓

- **Technical Effects**

✓
✓ Describe the expected technical effects of the proposal.
✓

- **Social and Environmental Effects**

✓
✓ Describe the expected social and environmental effects of the proposal.
✓
✓

6. Expected Results – Outputs/Outcomes

- Increased availability of reliable rainfall and ocean observation data.
- Improved operational performance and reduced equipment downtime.
- Stronger coordination between monitoring agencies and disaster management authorities.
- More timely and effective early warnings for vulnerable communities.
- Improved national capacity to prepare for and respond to weather-related and coastal hazards.

6. Expected Results – Challenges/Solutions

- **Challenges and Risks**

✓
✓ Explain the expected problems and risks that may result from this proposal.
✓
✓
✓

- **Solutions**

✓
✓ Illustrate how you would manage and provide solutions for the problems and risks.
✓
✓
✓

- Sincere thanks to the KOICA-ESCAP-APNIC
- For accepting Solomon Islands participants to this important meeting.
- The logistic arrangement.

Action Plan

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