

JAPAN • CARICOM



FRIENDSHIP
YEAR 2014

ST. VINCENT AND THE GRENADINES



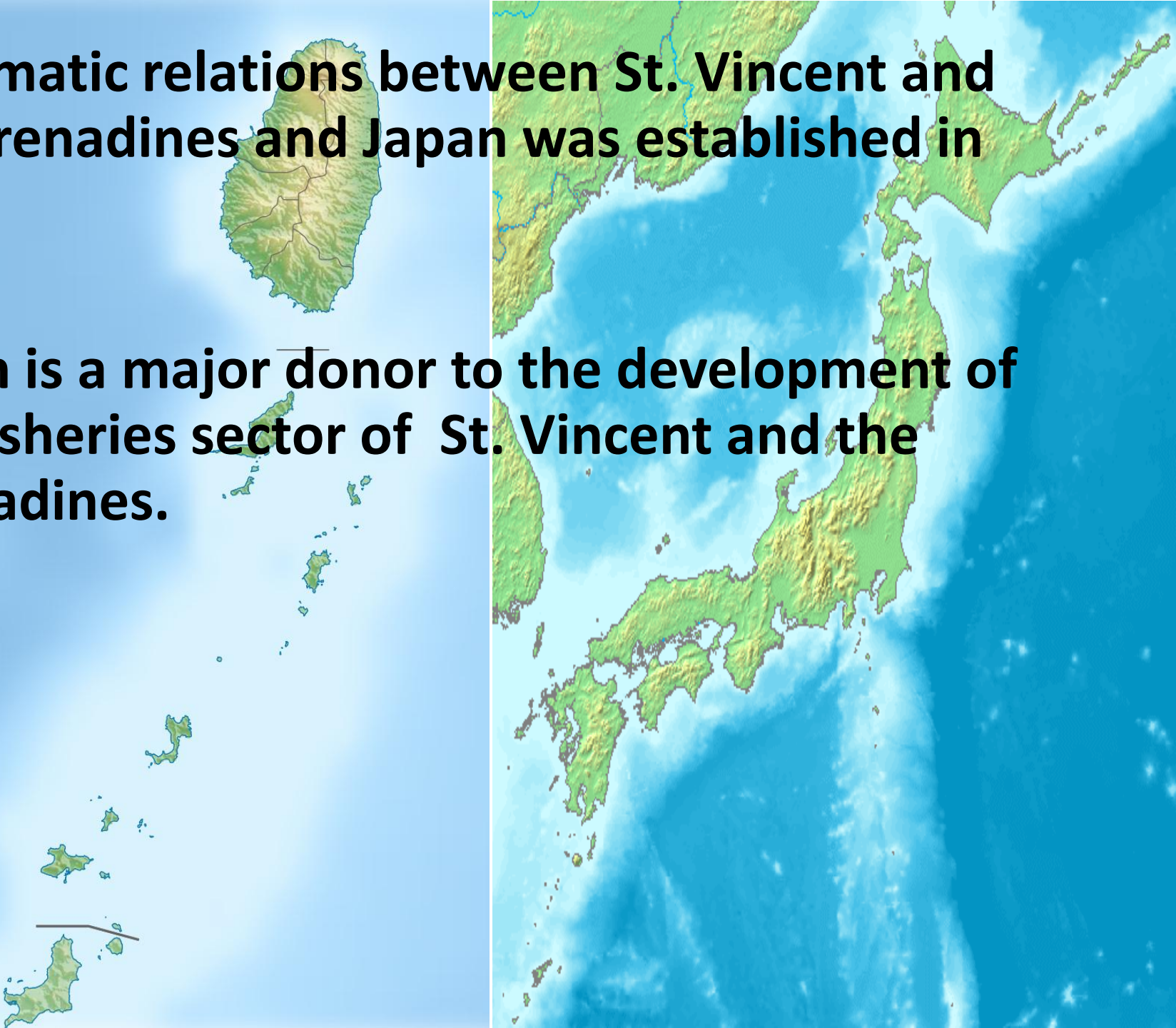
JAPAN



IN COUNTRY SEMINAR NOVEMBER 24TH 2014

Diplomatic relations between St. Vincent and the Grenadines and Japan was established in 1980.

Japan is a major donor to the development of the fisheries sector of St. Vincent and the Grenadines.



KINGSTOWN FISHERIES COMPLEX AND BUS TERMINAL 1988



NEW KINGSTOWN FISH MARKET
IN
ST. VINCENT AND THE GRENADINES



A JAPANESE GRANT AID PROJECT

1987 E/N

1988 E/N



KINGSTOWN FISH MARKET & FISHERIES DIVISION BUILDING



TWO JETTIES



NATIONAL FISHERIES MARKETING LTD



KINGSTOWN FISH MARKET- RENOVATED IN 2005



FISHERIES DIVISION CONFERENCE ROOM



QUALITY ASSURANCE BUILDING

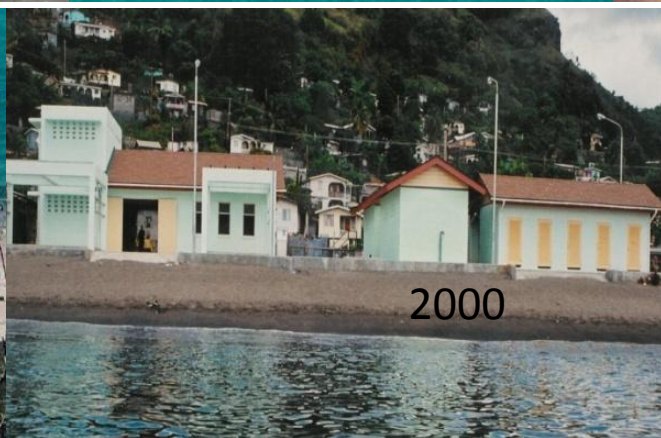
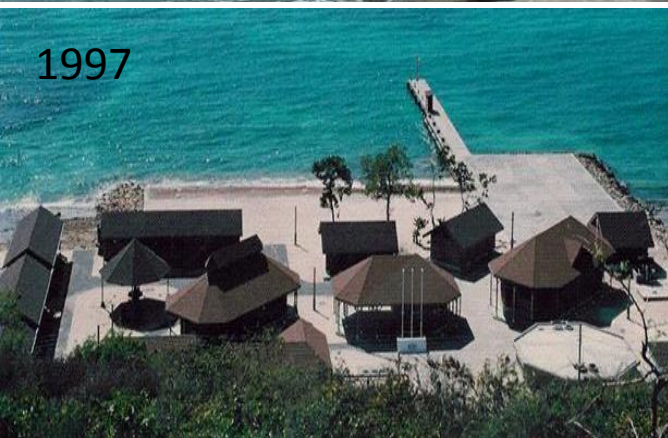


WET LAB



DRY LAB

FISHERIES CENTRES



EQUIPMENT AT UNION ISLAND FISHERIES CENTER



CANOUAN FISHERIES CENTER



Equipment at Barrouallie & Chateaubelair Fisheries Centers



OWIA FISHERIES CENTER



FISHERIES MAINTENANCE CENTRE: ESTABLISHED IN 1989



FISHING VESSELS

- 5 Tuna long liners (43 ft): Black Jack, Tri Tri, Kitty, Albacore & Blem
- Macaboro (38ft) multipurpose fishing vessel
- 4 Martinique type pirogues
- Double Ender: Dodger





2014/11/20

OTHER VEHICLES

- 2 Insulated Trucks
- 1 Crane vehicle
- 4 Pickup Trucks
 - Union Is
 - Canouan
 - Bequia
 - Calliaqua



JICA TRAINING - Japan

- **Fishing Gear and Methods and Extension Methodology:** Mr. Angus Dennie, Mr. Hyrone Johnson, Ms. Shermaine Glynn Johnson, Ms. Jennifer Cruickshank-Howard, Samuel Hazellwood
- **Engine Repairs and Maintenance:** Mr. Reshevski Jack, Mr. Keith Howard (private sector)
- **Fisheries Co-operative course:** Mr. Clyde Robinson
- **Fish Quality Assurance:** Mr. Franklyn Murphy
- **Maintenance of Refrigeration Systems for Caribbean Countries:** Mr. Lorenzo George & Mr. Ernie Brackin
- **Coastal Fishing Techniques for Sustainable Resource Use:** Mr. Travon Ferary & Mr. Ayodele Adams
- **Fisheries Extension Officers in Island Countries:** Mr. Hyrone Johnson & Mr. Shamal Connell
- **Maintenance of Electrical Control:** Mr. Lorenzo George

JICA TRAINING - CFTDI

- **Fish Handling and Processing**
- **Engine Repairs and Maintenance**
- **Fishing Gear and Methods**
- **Fish Quality Assurance**
- **Fish Handling and Processing, Preservation and Cooking Technology**
- **Maintenance of Refrigeration Systems for Caribbean Countries**
- **Coastal Fishing Techniques for Sustainable Resource Use**
- **Fisheries Resource Management**
- **Four Stroke Engine Maintenance**

JICA TRAINING

**MR GEORGE MAINTENANCE OF
REFRIGERATION SYSTEM,2008.**



TRAINING AT DAIKIN



JICA TRAINING

SET NET TRAINING KAGOSHIMA, JAPAN



JICA TRAINING

CHART PLOTTING,
KAGOSHIMA, JAPAN



FISH BIOLOGY,
KAGOSHIMA, JAPAN





OKINAWA, JAPAN





FISH MARKET, OKINAWA



JICA EXPERTS

- Mr. Masatoku Kawaguhi (1990) Aquaculture and mariculture
- Mr. Yukichi Kimura (1993-1995) Fishing Gear & Methods
- Mr. Teruo Mita (1994-1996) Engine Maintenance
- Mr. Motoki Fujii (1995-1997)
 - Diamond Back Squid
 - Coastal Fishing Technology
 - FADs development in 1990s
- Hajime Fukagawa (1998-2001)
 - Product Development
 - Tuna canning
 - Whale and Blackfish smoking



JICA EXPERTS

- Senga san (1992- 1993)
 - Introduced tuna long line fishing to fishers
- Mr. Takahumi Toshihara (2001-2011)
 - Fish Marketing and Product Development
- Nariaki Mikuni (2011-present)
 - Senior Fisheries Expert (JICA) CARIFICO Project
- Mitsuhiro Ishida (July 2013- Present)
 - Marine Biologist working with CARIFICO

JICA EXPERTS



JICA EXPERTS



JICA VOLUNTEERS

- Worked with fishers in Barrouallie, Owia, Chateaubelair, Calliaqua, Kingstown
- Community Development Activities
- Japan Day – Fisherman's Month Celebrations



JICA VOLUNTEERS



JICA VOLUNTEERS



JICA VOLUNTEERS



STUDIES AND COMMUNITY BASED PROJECTS

- Study on the Formulation of a Master Plan on the Sustainable Use of Fisheries Resource for Coastal Community Development in the Caribbean
 - Overview of Fisheries sector
 - Identified key issues for coastal resource management: e.g. Utilizing large pelagic resources to save inshore resources - FAD Development, research on diamond back squid fishing, research on flying fish processing and marketing

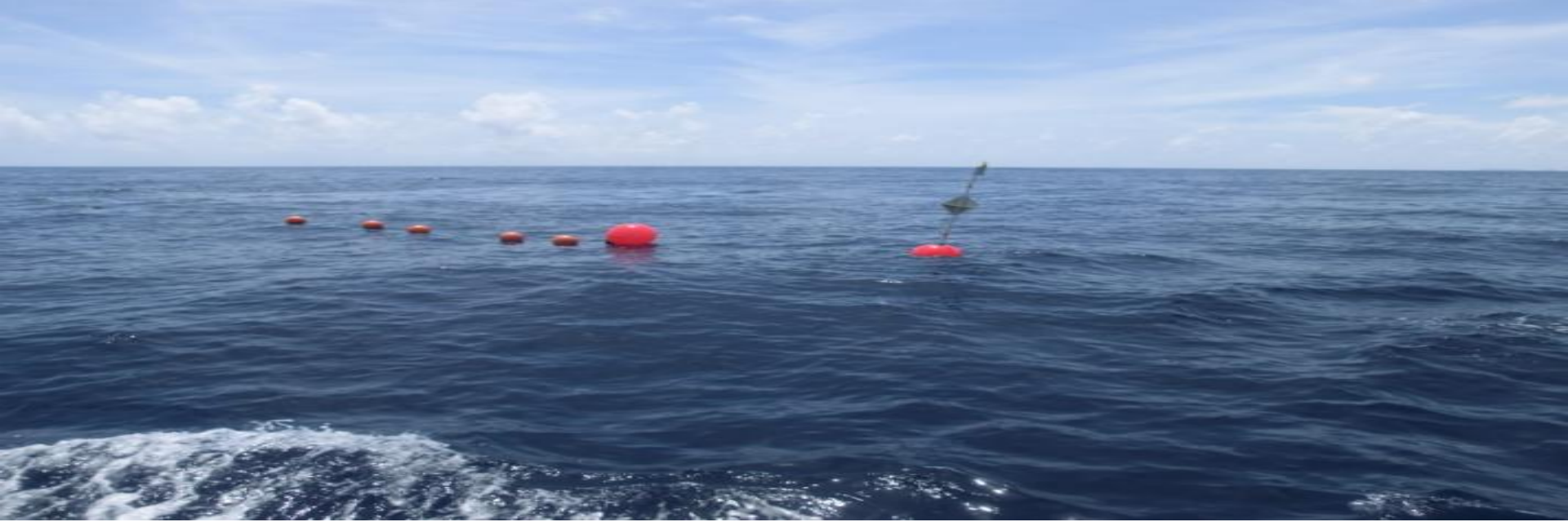
CARIBBEAN FISHERIES CO-MANAGEMENT PROJECT (CARIFICO)



CARIBBEAN FISHERIES CO-MANAGEMENT PROJECT (CARIFICO)



CO-MANAGEMENT: FAD MAINTENANCE



SCOPE FOR FUTURE DEVELOPMENTS

- Future Developments in the Fisheries sector of SVG will be improved by:

Quantity
Fish Quality
Education
Training



SCOPE FOR FUTURE DEVELOPMENTS

Fishing needs to be looked at as a business



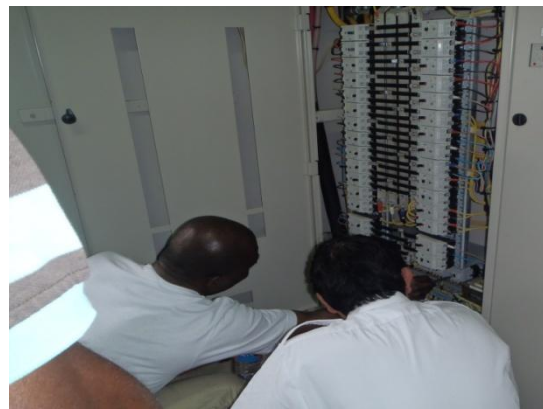
Fisheries related subjects and programs should be introduced and taught in the schools as new careers and opportunities



SCOPE FOR FUTURE DEVELOPMENTS

1. Holistic training encompassing all aspects of the industry:

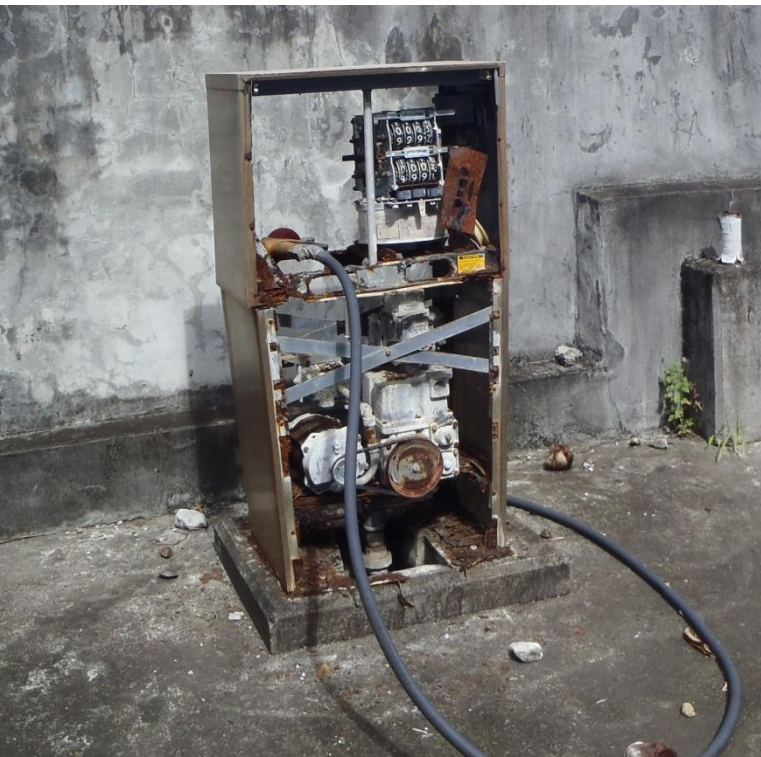
- Fishers exchange Programmes
- New technologies should be taken into account e.g. FAD fishing techniques, refrigeration technology,
- Institutional strengthening – Fisheries, NFO, Fishers, Co-op Dept, other stakeholders



SCOPE FOR FUTURE DEVELOPMENTS

2. Upgrading of Fisheries Facilities

- Machinery – focus on energy efficient equipment to minimize high electricity cost
- Alternative energy source should be considered – Solar, etc.
- Infrastructure – use of good quality materials and products, salt air resistance
- Spare parts availability – Often difficulty to obtain



RECOMMENDATIONS FOR FUTURE DEVELOPMENTS

- 3. Product Development Certification - to meet international standards - HACCP and FDA**
- 4. Monitoring and Evaluation of the Industry Performance – Succession Planning**
- 5. Project Planning**
- 6. Repairs and Better Management of Fisheries Facilities – yearly government budget allocation**
- 7. Succession Training**

THANK YOU



**ARIGATOU
GOZAIMASU**

