



Federal Ministry  
for the Environment, Nature Conservation,  
Nuclear Safety and Consumer Protection

IKI



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C L E A R  
C A R I B B E A N

# Sustainable Financing Mechanism for coral restoration/Gardening in Saint Lucia. Can The Private Sector bridge the GAP?

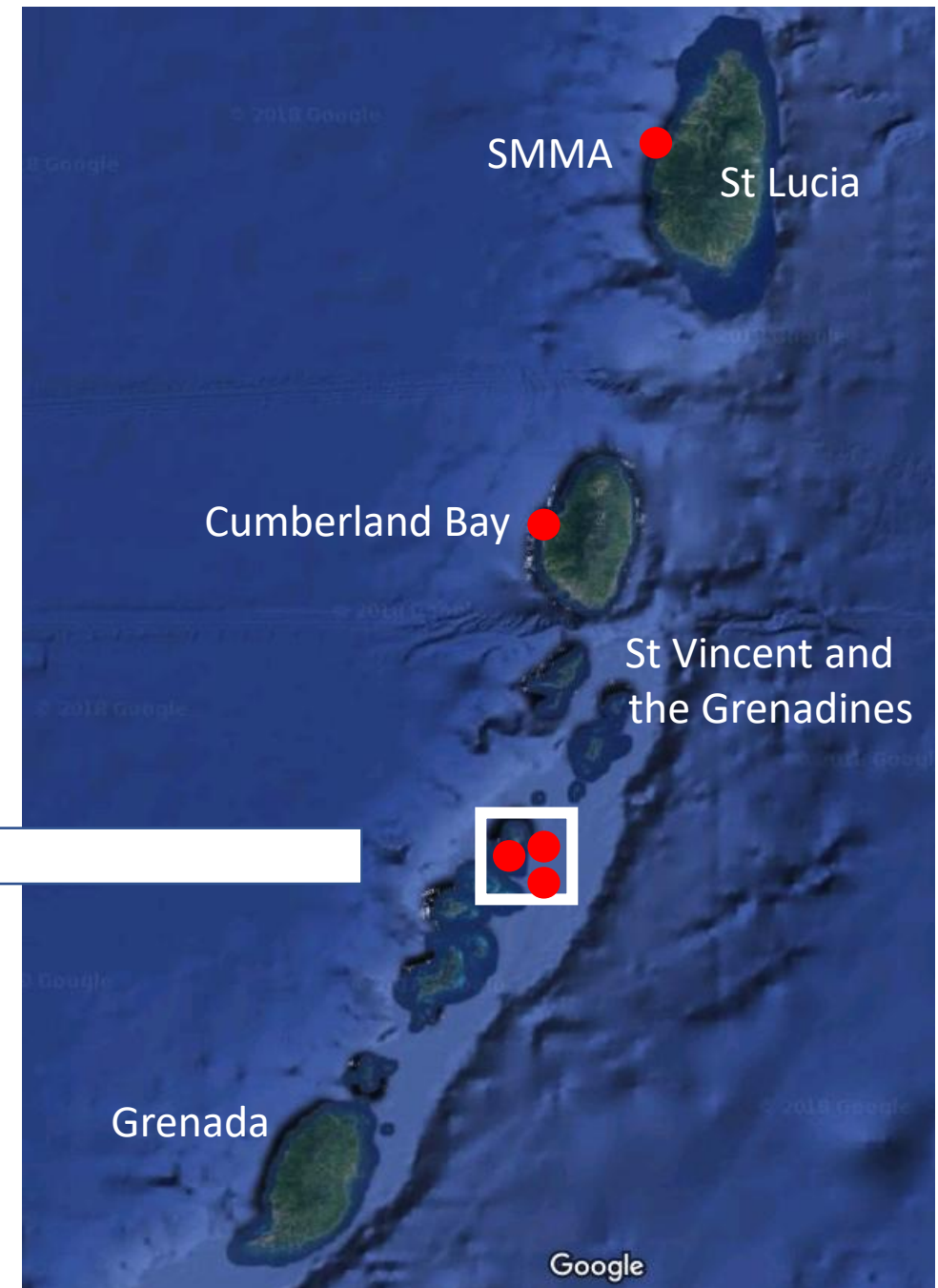
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# Impulse Statement

The Human (H) Element and sustainable financing are critical to successful Ecosystem Based Adaptation (EBA) efforts. Can National Vocational Training or qualifications and Private sector driven sustainable financing strategies and bridge the donor funding gap to facilitate continued livelihood enhancement opportunities?

# CORAL RESTORATION SITES



# St Lucia - Soufriere Marine Management Area

- Working with 9 coral gardeners since 2017. Increased to 18 in 2022
- Financial support from grants from GLZ, Sandals Foundation, CDB, IAF, CBF
- NVQ in coral restoration developed in 2019
- Sustainable livelihoods mechanism based on new PADI Specialty Dive developed with Sandals Resorts



# Occupational Standards for National Vocational Qualification (NVQ) in Coral Reef Restoration





**SAINT LUCIA NATIONAL VOCATIONAL QUALIFICATION  
(SLNVQ)  
COMPETENCY STANDARDS IN  
CORAL REEF RESTORATION, LEVEL 3**



Approved April, 2018 – The Saint Lucia Council for Technical and Vocational Education and Training (SLCTVET)

**Occupational Standards for National Vocational Qualifications (NVQ)**

**FHCRR3018**

**SLNVQ Level 3 – Coral Reef Restoration**

| Unit Number | Unit Title                                                               | Requirement |
|-------------|--------------------------------------------------------------------------|-------------|
| CRR30013A   | Carry Out Fundamentals of Reef Ecology                                   | Mandatory   |
| CRR30023A   | Manage Coral Reef and Conservation Strategies                            | Mandatory   |
| BOS32007A   | Observe Social Responsibility                                            | Mandatory   |
| CRR30033A   | Work with Others in Coral Reef Restoration                               | Mandatory   |
| BOS32002B   | Operate a Small Boat / Vessel 12M or Less                                | Mandatory   |
| BOS32003A   | Demonstrate Basic Navigation Skills                                      | Mandatory   |
| BOS32004A   | Use Marine Communication                                                 | Mandatory   |
| CRR30043A   | Determine the Site and Requirements Necessary for Coral Reef Restoration | Mandatory   |
| CRR30053A   | Establish Coral Nursery                                                  | Mandatory   |
| CRR30063A   | Manage Coral Nursery                                                     | Mandatory   |
| CRR30073A   | Manage Coral Out-planting                                                | Mandatory   |
| MM00010     | Use Power Tools                                                          | Mandatory   |
| MM00011     | Use Hand Tools                                                           | Mandatory   |
| CRR30083A   | Calculate Numbers for Coral Reef Restoration                             | Mandatory   |
| P00063B     | Apply First Aid/ Medical Aid on Board a Vessel                           | Mandatory   |
| MM00002     | Follow Health and Safety Emergency and Accident                          | Mandatory   |
| MM00005     | Reduce Risk to Health and Safety in the Workplace                        | Mandatory   |
| ITICOR0011A | Carryout Data Entry and Retrieval Procedures                             | Mandatory   |
| CRR30093A   | Develop Partnership Skills for Sustainability of Coral Reef Restoration  | Mandatory   |

To obtain a National Vocational Qualification (NVQ) all Mandatory Units must be achieved.

| Unit Number | Unit Code | Unit Description Coral Restoration Level 2                   | Mode of Delivery | Delivery Dates    |
|-------------|-----------|--------------------------------------------------------------|------------------|-------------------|
| Unit 1      | CRR20012B | Demonstrate an Understanding of Fundamentals of Reef Ecology | Virtual          | Aug 16 – Sept. 10 |
| Unit 2      | CRR30033A | Work with Others in Coral Reef Restoration                   | Virtual          | Sept 14 – 17      |
| Unit 3      | BOS22002A | Use Marine Communication (Basic).                            | Face-to-Face     | Sept 21- Oct 1    |
| Unit 4      | BOS32001A | Perform Life saving techniques                               | Face-to-Face     | Oct 5 - 10        |
| Unit 5      | CRR20062B | Manage Coral Nursery (Basic)                                 | Face-to-Face     | Oct 22- 29        |
| Unit 6      | CRR20072B | Manage Coral Out-planting (Basic)                            | Face-to-Face     | Nov 1-30          |
| Unit 7      | MM00011   | Use Hand Tools                                               | Face-to-Face     | Oct 22 - Nov 30   |
| Unit 8      | CRR30082B | Carry Out Calculations for Coral Reef Restoration            | Face-to-Face     | Oct 22 - Nov 30   |
| Unit 9      | P00063B   | Apply First Aid/Medical Aid on                               | Face-to-Face     | Sept 30           |



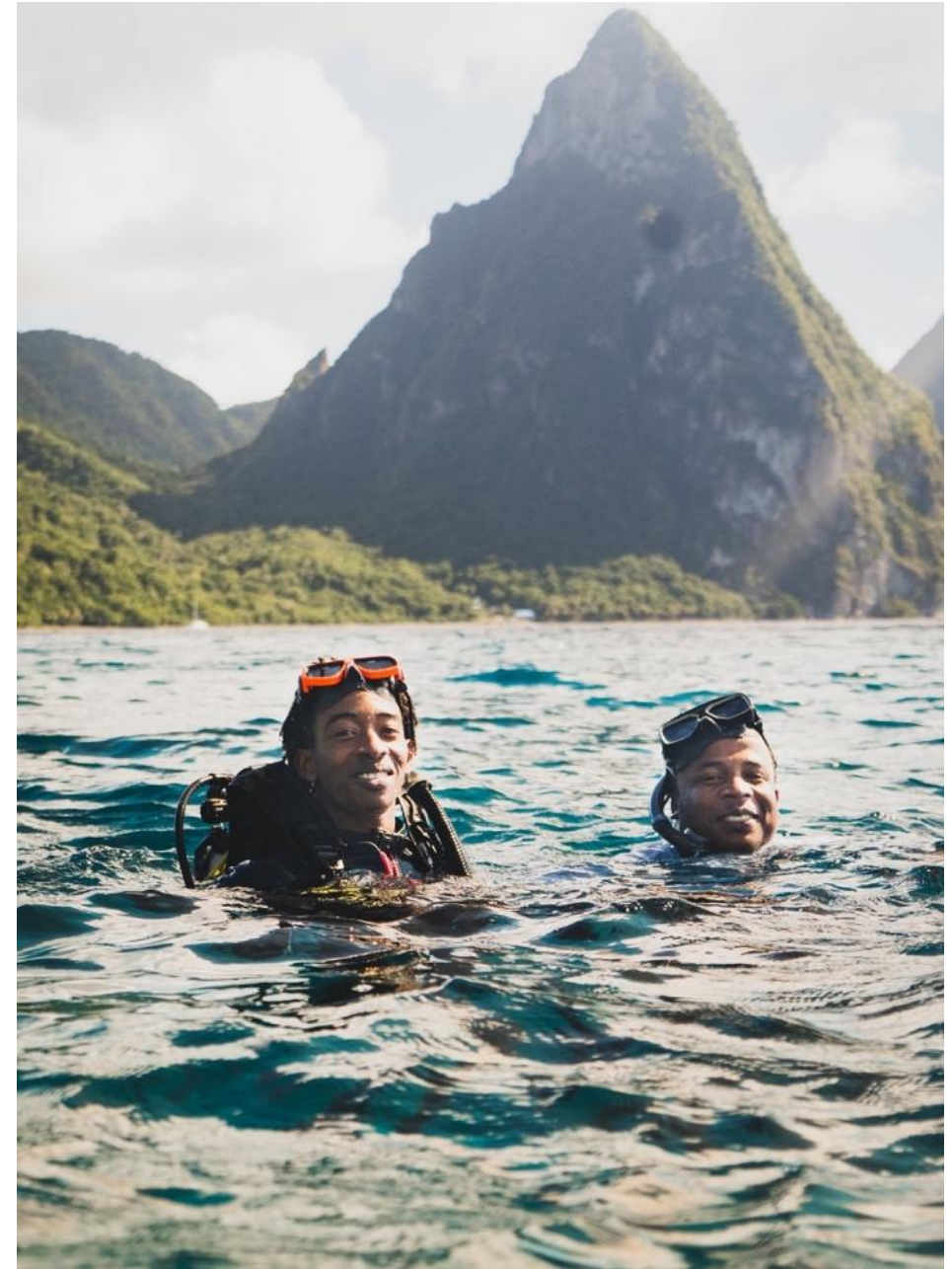
# Where are the opportunities for sustainable financing and livelihoods in coral restoration?

## **Private Sector Partnerships**

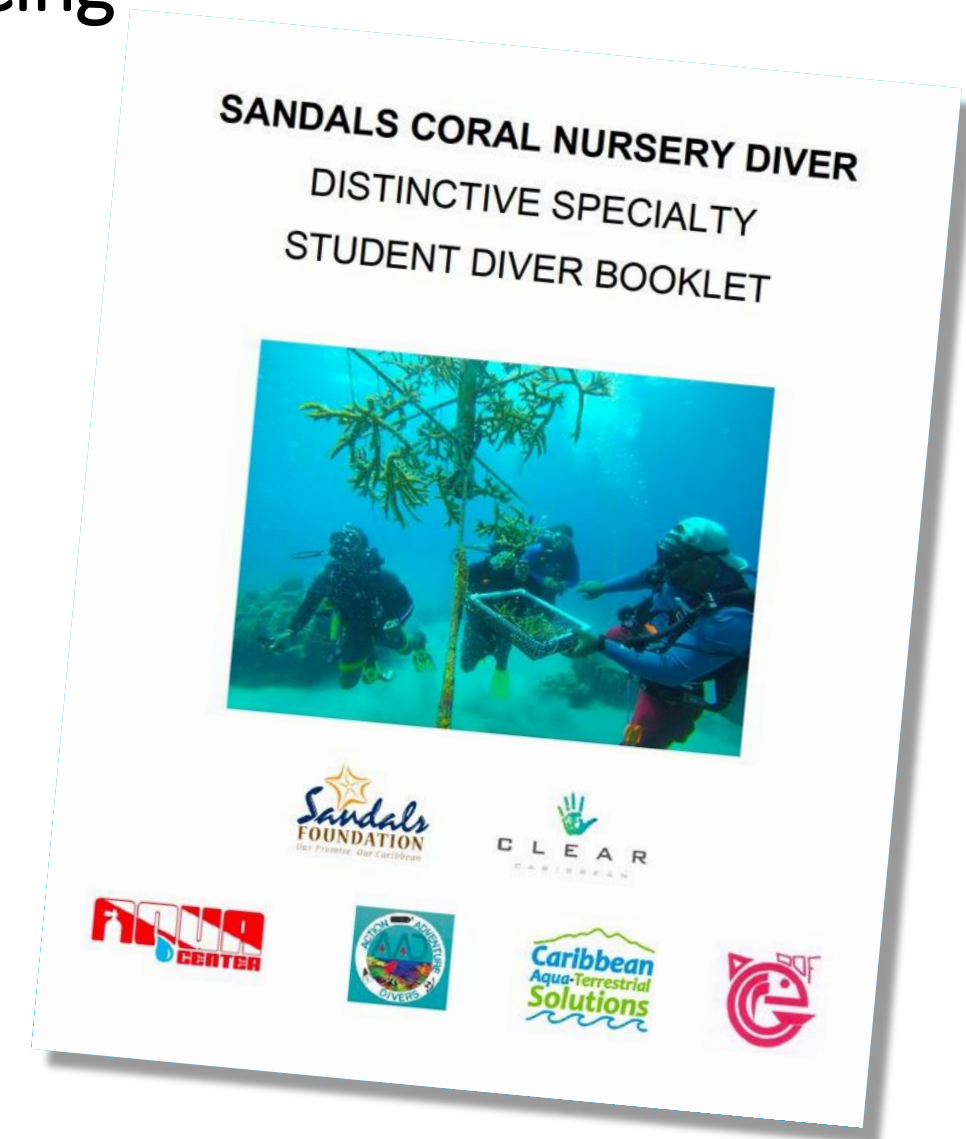
- Hotels / Resorts / Dive Centres
- Yacht Charter Companies
- Landowners / Private Islands
- Educational Institutions

## **Grants**

- Philanthropic Foundations
- Development Banks
- Large grants from Adaptation Funds



# Public-Private Partnership with Sandals Foundation for sustainable financing



# Conclusions

- Current opportunities exist for supplementary livelihoods in coral restoration based on combination of grant funding and private sector driven sustainable financing mechanisms
- Adaptation funds should seek to encourage meaningful and long-term participation of private sector in funding coral restoration
- There is need to mainstream coral restoration as a new livelihood, like forestry, with recognized qualifications (e.g. NVQs) and emphasis on coastal communities and vulnerable socio-economic groups

