



Hokkaido University Project “Blue Frontier”: (モーリシャス持続可能な水産開発プロジェクト) Progress report FY2022

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MANAGER: P/M)



Progress report
(up to August 2023)





2,040km²



Mauritius

1.265mil.

- Sadly
> 1000t...OIL SPIL
+ COVID19 and
post-accident
regulations

FACED IT WITH SINCERELITY



KOBE 1995



From my Cases

GREAT HANSHIN EARTHQUAKE (GHE)

Without constructing an optimum (often adaptive) relationship between human living and natural environment, we cannot have sustainable life

→ My question and motivation

Immediate actions

- Lifesaving, securities and firefighting
- Securing/producing life lines medicines, water, food, hygiene materials like masks...because of glassfibers in air, medicines
- Blue sheet and blanket

Second-phase action

- Re opening businesses/closing emergent production lines
- Subsidies
- Organizing **volunteer system**
- Education supports
- Reconstructions and providing housings
- Revising policies and implementations

- Surveys/monitoring (missing personnel and needs)
- Official information management (sharing, necessary controls)
- Mental caring

- TV, Broadcasting, internet information with fair on-site report
 - Daily information, Photo recordings...from the refugee's perspective
- (Media actions)

(THEY SHOULD HAVE FORMED RIGHT CONSENSUS AMONG THEM to COMMUNICATE "KOBE")

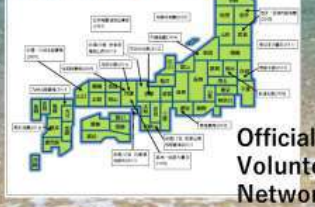
Learning from the past disasters

Actions to outcomes, helps to innovations with collaborations

KOBE post-1995

Present: Outcomes from the model and consensus

Business and marketing



Official Volunteer Network



Mass communications



From my Case



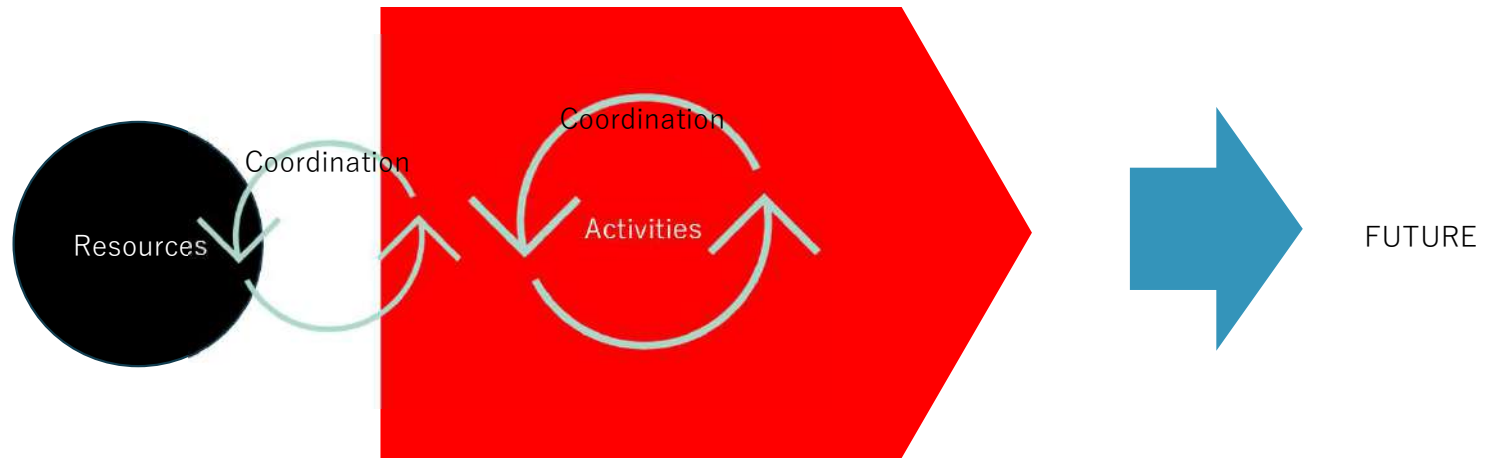
Involvement and Information With NEW STYLES

“DEVELOPMENT”



- = FUTURE BUILDING
- Require both **resources** and **activities** with **coordination**

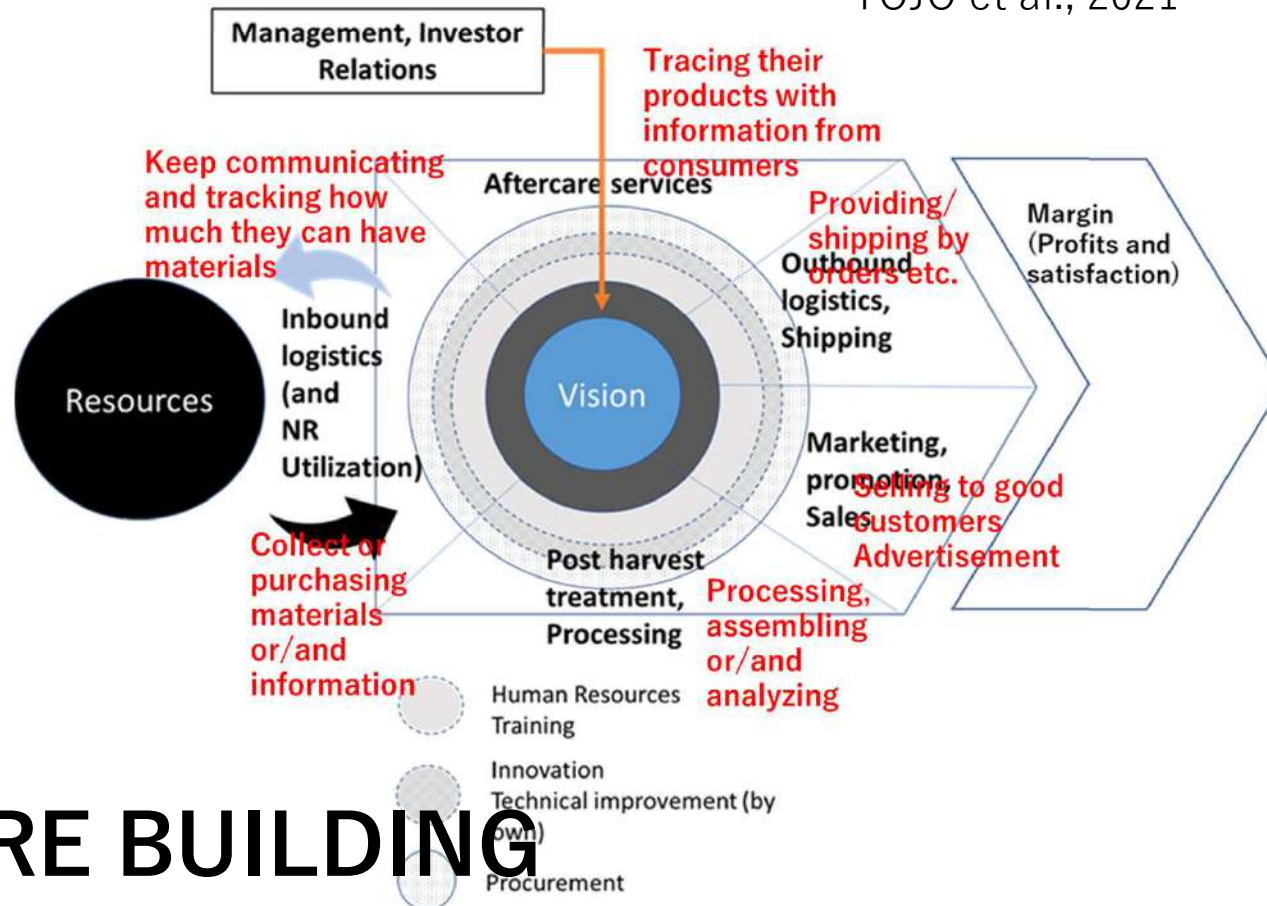
“DEVELOPMENT”



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“DEVELOPMENT”

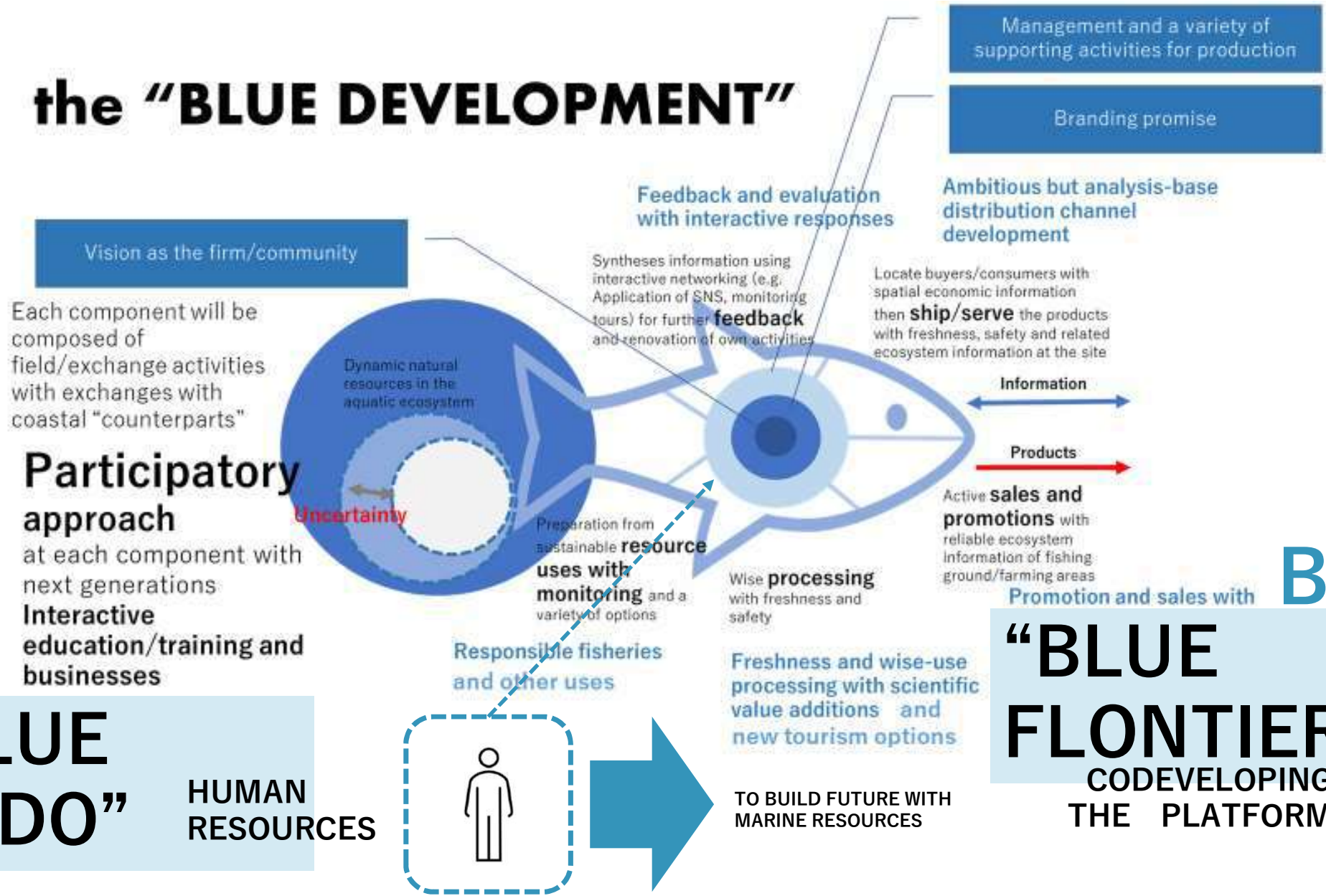
TOJO et al., 2021



= **FUTURE BUILDING**

- Require both resources and activities

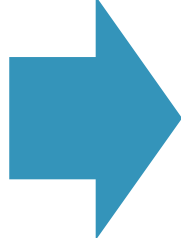
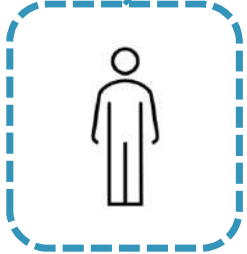
the "BLUE DEVELOPMENT"



BDD

"BLUE DODO"

HUMAN RESOURCES



TO BUILD FUTURE WITH MARINE RESOURCES



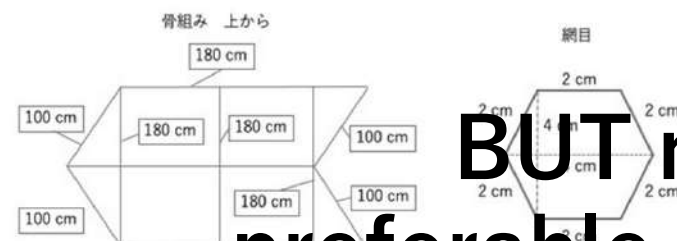
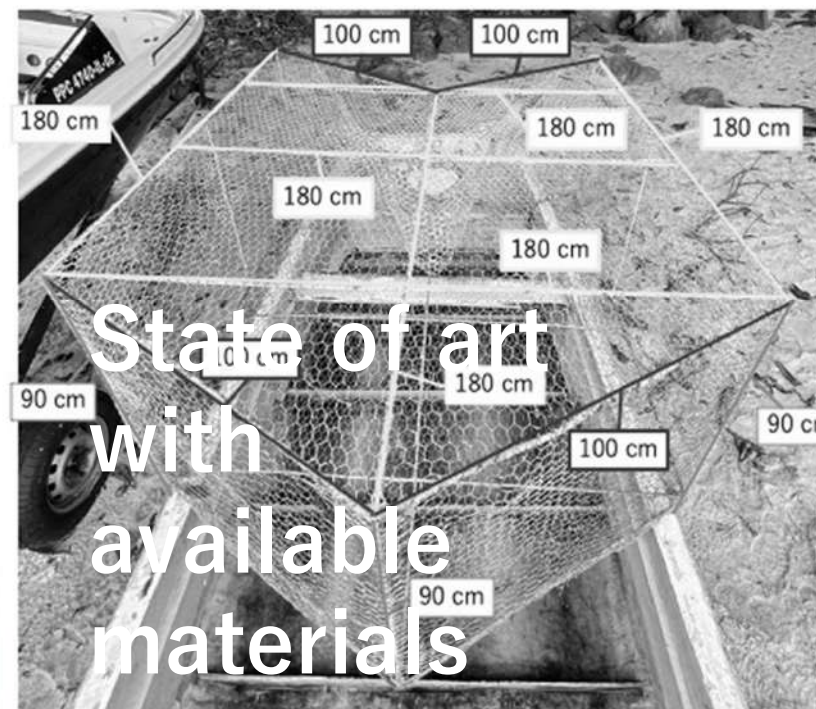
THE REALITY SINCE BEFORE the WAKASHIO

Facing REALITIES

(from pre-survey in the FY)

Extreme uncertainty in the fishing condition

No life jacket



BUT not preferable for environment



A VARIETY OF COWORKINGS

- INVOLVEMENT OF DIRECT STAKEHOLDERS
- While considering their households, need to provide scientific insights...SINCERE COMMUNICATION with CLARIFICATION and INCENTIVES
- COWORKING and COCREATION

6 times of workshops and manuals in FY 2022



Capacity development through participation

Manuel de classement pour les valeurs supérieures

Côte par les membres du CV de la IICA en 2018

Ne pas d'odeur

Tête doit être pointue

Yeux lumineux

Gros ventre

Chien à travers sa queue pour vérifier la qualité

D'un aspect sec et difficile à décaler le sang et la peau, il est également préférable d'opter pour des pièces plus petites.

« YAKE »... « KIP » empêche immédiatement d'augmenter la température corporelle « YAKE » et la casse associée

« YAKE »... aspect sèche, associée à des osselets cassés

« KATSUJIME »

« YAKE »... ne peut être remarqué avant la coupe : augmente le RISQUE pour les détaillants et perd l'opportunité de vendre à l'avance!

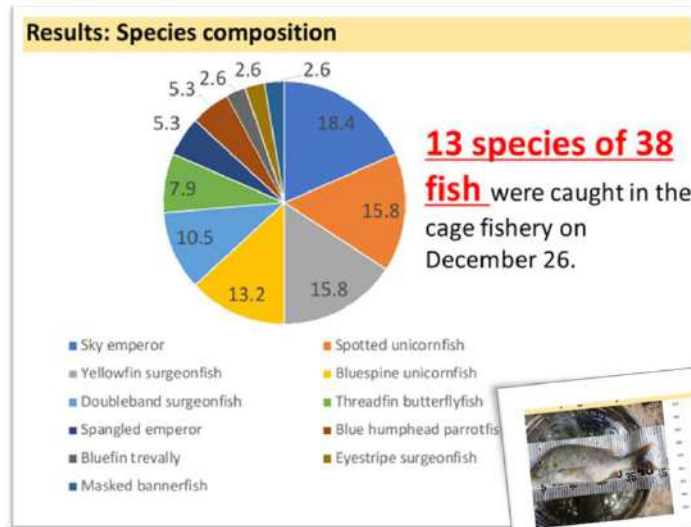
A Maurice, qu'est-ce qui peut être applicable dans un premier temps ?

Manuel pour l'inspection pré-négociée

Providing manuals for higher values



ACTIVITIES in CHALLENGES of NATURAL ENVIRONMENT and DATA/INFORMATION LIMITED SITUATION



Coworking with fishers for resource monitoring



418 points of data



- ACTIONS enhanced by **University Students**...“AMBITIOUS FELLOWS with the BLUE”

CO-BUILDING the MODEL

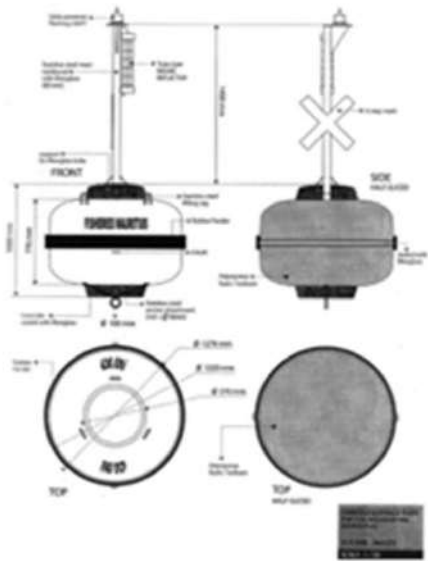
- Important: WHO WILL BE WORKING WITH THE CHALLENGES EVERY DAY?
- What can the “partners” do for ANOTHER?

Tell us your activities: Interview with Taro KAWAMOTO, Graduate School of Fisheries Sciences, HOKKAIDO UNIVERSITY

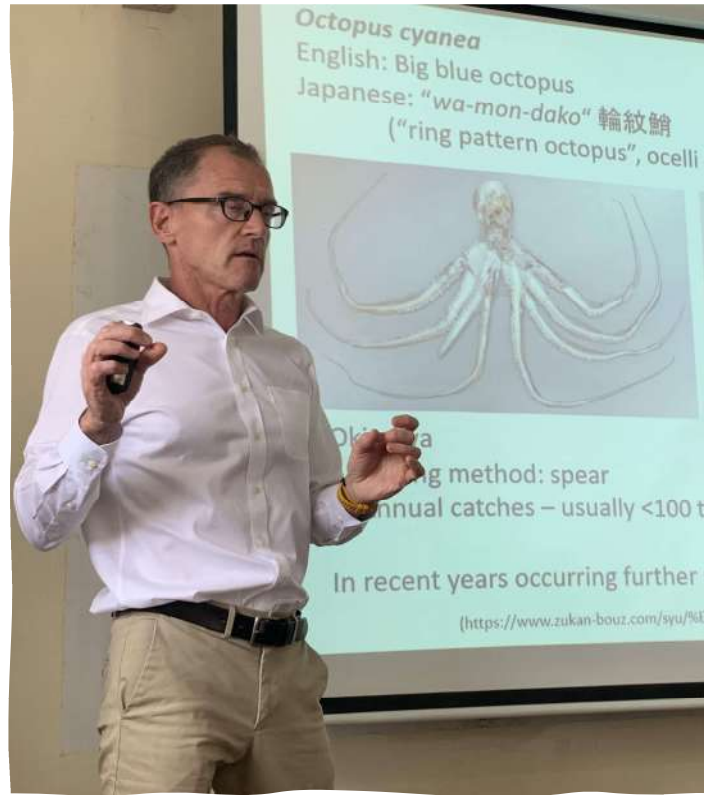
with snapshots of the “Fellowship of Lofty Ambitions”



Offshore study on the sustainable resource uses has begun



1. **Offshore fishing study through collaboration with fishermen and kind advises with Scientists Fisheries Training and Extension Centre (FITEC)**
2. **Studies potentials and present risk have begun to be coordinated**
3. **3 experts dispatched for the fundamental studies (December) Unutilized resources and new perspective in how to use has begun to be investigated**



Coastal resource and fishing study for better economic returns

- Including the Rodrigues Island, investigations in the alternatives for responsible fisheries have been conducted

2 experts dispatched for the fundamental studies (December)

PERSPECTIVES with the PLAN

August: Based on the information collected locally:

Design of education and dissemination programs
Development of mobile applications for participatory surveys
Creation of materials such as manuals and texts
Field survey design

September: Trial program content and model lectures through remote workshops

Preparation for dissemination of activity newsletters, videos, etc.

October: Mauritius field activities

Coastal Participatory Survey/Application trial

In accordance with this, a local dissemination program trial

Collection of information on local communities and fisheries

Coordination of activity site plans with local counterparts for high added value of local fish species

November: Mauritius field activities

Coastal Participatory Survey

FADs peripheral survey kick-off

Collection of information on local communities and fisheries

Trials and experiments with local counterparts to increase the added value of local fish species

December: Beginning of the month: 2nd survey/activity debriefing session and exchange of opinions

Development of GIS database

Invitation of researchers as foreign researchers

January: Dissemination of activity newsletters, videos, etc.


February: Preparation of year-end reports, etc.

Drafting contents of encyclopedias, papers, etc. and other deliverables

Monitoring of local activities by ongoing local counterparts

March: Sharing of drafts of deliverables through end-of-year debriefings and study sessions using a teleconferencing system

Implementation of a dissemination program using a teleconferencing system



TOWARD
FUTURE