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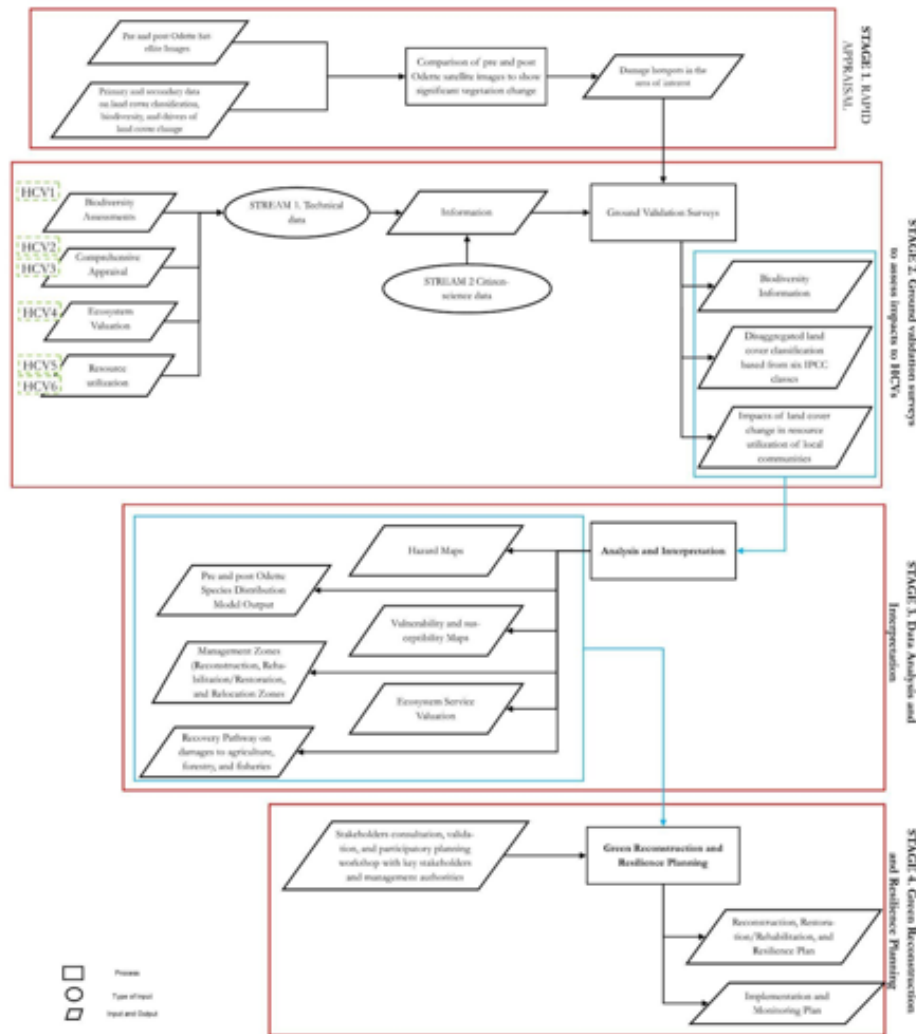


Sustainable Interventions for Biodiversity, Oceans and Landscapes Project

Presentation of

SIBOL's Green Reconstruction and Resilience Framework





Rapid Appraisal (Stage 1)

Ground Validation Surveys (Stage 2)

Analysis and Interpretation (Stage 3)

Green Reconstruction and Resilience Planning (Stage 4)

Green Assessment towards a Green Recovery/Reconstruction and Resilience:

Stage 1. Rapid Appraisal

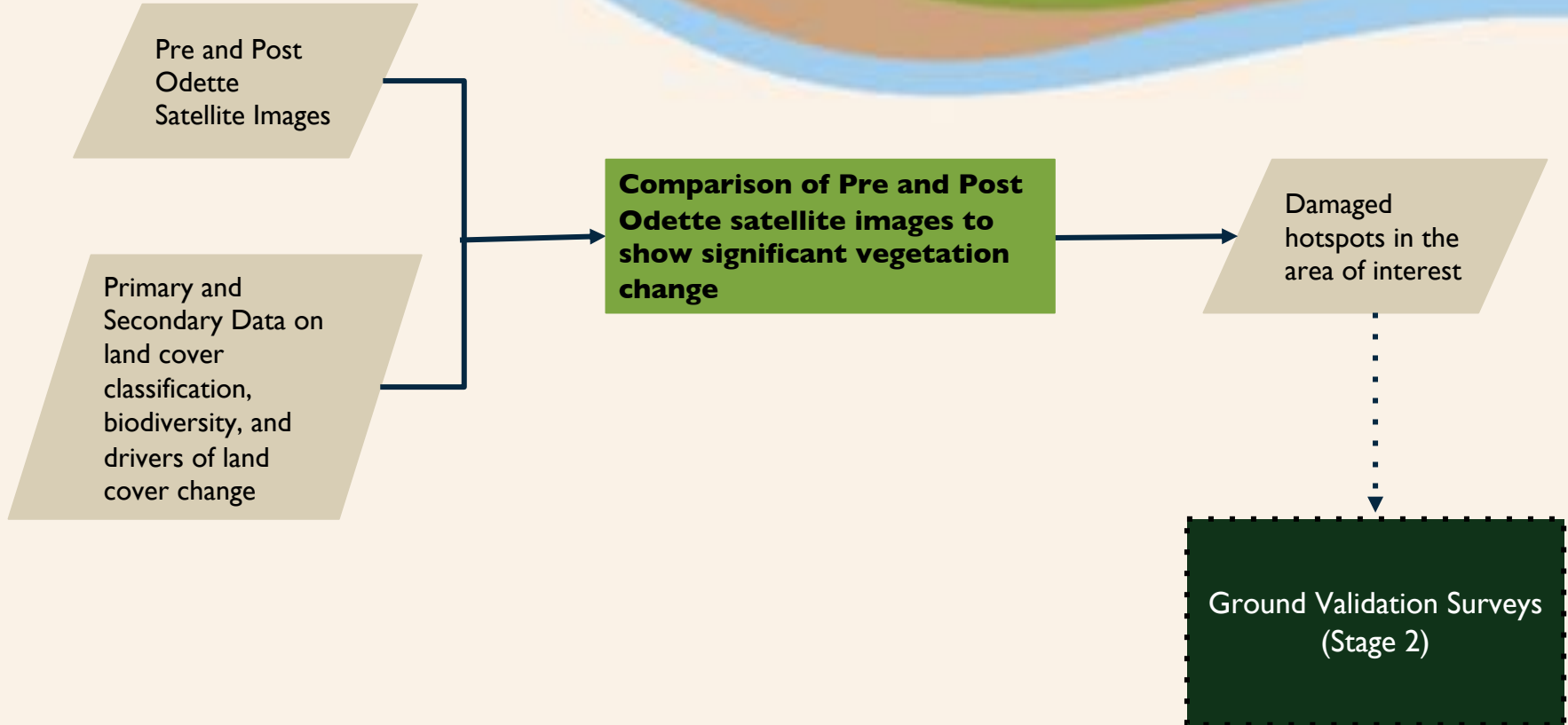
Pre and Post
Odette
Satellite Images

Primary and
Secondary Data on
land cover
classification,
biodiversity, and
drivers of land
cover change

**Comparison of Pre and Post
Odette satellite images to
show significant vegetation
change**

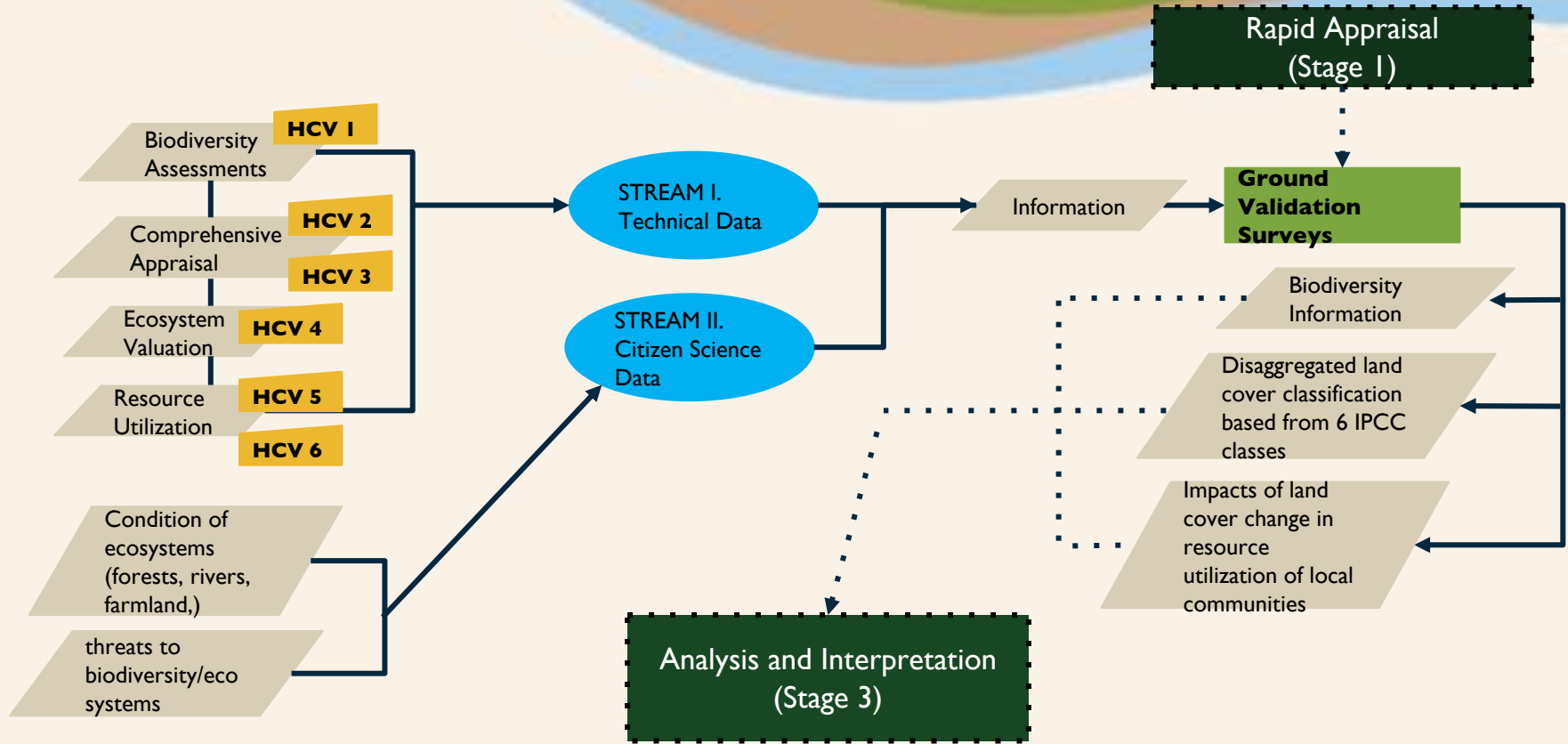
Damaged
hotspots in the
area of interest

Ground Validation Surveys
(Stage 2)



Green Assessment towards a Green Recovery/Reconstruction and Resilience:

Stage 2. Ground Validation Surveys to assess impacts to HCVs



Green Assessment towards a Green Recovery/Reconstruction and Resilience:

Stage 3. Data Analysis and Interpretation

Analysis and Interpretation

Hazard Maps

Vulnerability and
Susceptibility Maps

Ecosystem Service
Valuation

Management Zones
(Reconstruction,
Rehabilitation/
Restoration, &
Relocation Zones)

Pre and Post
Odette Species
Distribution Model
Output

Recovery Pathway on
damages to
agriculture, forestry,
& fisheries

Green Reconstruction and
Resilience Planning
(Stage 4)

Green Assessment towards a Green Recovery/Reconstruction and Resilience:

Stage 4. Green Reconstruction & Resilience Planning

Stakeholders
consultation, validation,
and participatory
planning workshop with
key stakeholders and
management authorities

**Green
Reconstruction and
Resilience Planning**

Reconstruction,
Restoration/Rehabilitati
on, and Resilience Plan

Implementation and
Monitoring Plan



Expected Outputs



- **Map**
 - Hazard maps
 - Vulnerability/susceptibility maps
 - Community resource map on damage hotspots
 - Pre and post Odette species distribution models to see changes and impacts on species, and ecosystem/habitat refugia
 - Management zones map (e.g.reconstruction and restoration/rehabilitation zone; and relocation zones)
- **Pre and Post Odette ecosystem service valuation**
- **Skills and equipment upgrade of local community partners and stakeholders in the use of technology-based techniques for data capture and monitoring**
- **Comprehensive plans for restoration, green reconstruction, rehabilitation, and resilience**

Areas Covered by Assessment



Puerto Princesa City		San Vicente	Roxas
Northeast	Northwest	1. Port Barton 2. Caruray	1. Magara
1. Babuyan	1. Marufinas		2. Tinitian
2. Binduyan	2. New Panggangan		3. Caramay
3. Langogan	3. Cabayugan		4. Salvacion
4. Concepcion	4. Tagabinet		5. Jolo
5. Lucbuan	5. Buenavista		6. San Miguel
6. Maruyugon	6. Macarascas		
7. Manalo	7. Bahile		
8. Maoyon	Southwest		
9. Salvacion	1. Napsan		
10. Tanabag	2. Bagong Bayan		
11. San Rafael	3. Simpocan		

ACTIVITIES	January				February				March				April				May				June			
	I	2	3	4	I	2	3	4	I	2	3	4	I	2	3	4	I	2	3	4	I	2	3	4
Develop data model																								
Stage 1: Collection of satellite images in impacted areas																								
Stage 2: Ground validation surveys to assess impacts on HCV																								
Activity 1. Comprehensive Appraisal																								
- Stream 1. Aerial Ground Truthing																								
- Stream 2. Capacity building and stakeholder participation																								
Activity 2. Biodiversity Assessment																								
- Stream 1. Rapid biodiversity Assessment																								
- Stream 2. Citizen Science Information Gathering																								

ACTIVITIES	January				February				March				April				May				June			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Activity 3. Study of land-use change																								
- Stream 1. Ground Validation on Drivers of Change																								
- Stream 2. Citizen Science Information Gathering																								
Stage 3. Data Analysis and Interpretation																								
Stage 4. Green Recovery Planning																								

Target Participants (per Stream)

Stage 2

Activity I: Comprehensive Appraisal

- Stream I: Drone and Ground Validation Team
 - 14 Site-level Stakeholders
 - 6 Community Members
- Stream II: Capacity Building for Ground Truthing Activities
 - 14 Site-level Stakeholders



Target Participants (per Stream)

Stage 2

Activity 2: Biodiversity Assessments

- Stream I: Rapid Biodiversity Assessment
 - 2 Site-level Stakeholders (1 PCSDS Central, 1 PCSDS North District)
 - 14 Forest Rangers
 - 17 Parataxonomists (half from PPSRNP, half from CNFR)
 - 70 Porters
- Stream II: Citizen Science Information Gathering
 - 15 Mentors (from SIBOL, PAMO, LGUs, CENROs, PCSDS)
 - 170 Citizen Scientists (representing 17 barangays)



Target Participants (per Stream)

Stage 2

Activity 3: Study of Land-use Change

- Stream I: Ground Validation on Drivers of Change
 - 58 Community Members (2 per barangay)
 - 1 PA Staff
- Stream II: Citizen Science Information Gathering
 - 58 Community Members (2 per barangay)
 - 1 PA Staff



Target Participants (per Stream)

Stage 4

- PCSD - 2 pax
- PAMO - 1 pax
- PAMB - 1 pax
- DENR - 2 pax
- CENRO (Puerto Princesa) - 1 pax
- MENRO (San Vicente & Roxas) - 2 pax
- PENRO - 1 pax
- Barangay LGU - 29 pax (1 pax per barangay)
- IPMR Puerto Princesa City - 1 pax
- IPMR San Vicente - 1 pax
- IPMR Roxas - 1 pax
- IP leader - 10 pax (1 rep per CADT/CADC)





Maraming salamat!