

SDM

Satoyama Development Mechanism

Regional Workshop on the Post-2020 Global Biodiversity Framework for Asia and the Pacific
Dinner Event 2812: *“Multi-stakeholder partnership to enhance landscape and seascape approaches for biodiversity conservation and human livelihoods”*
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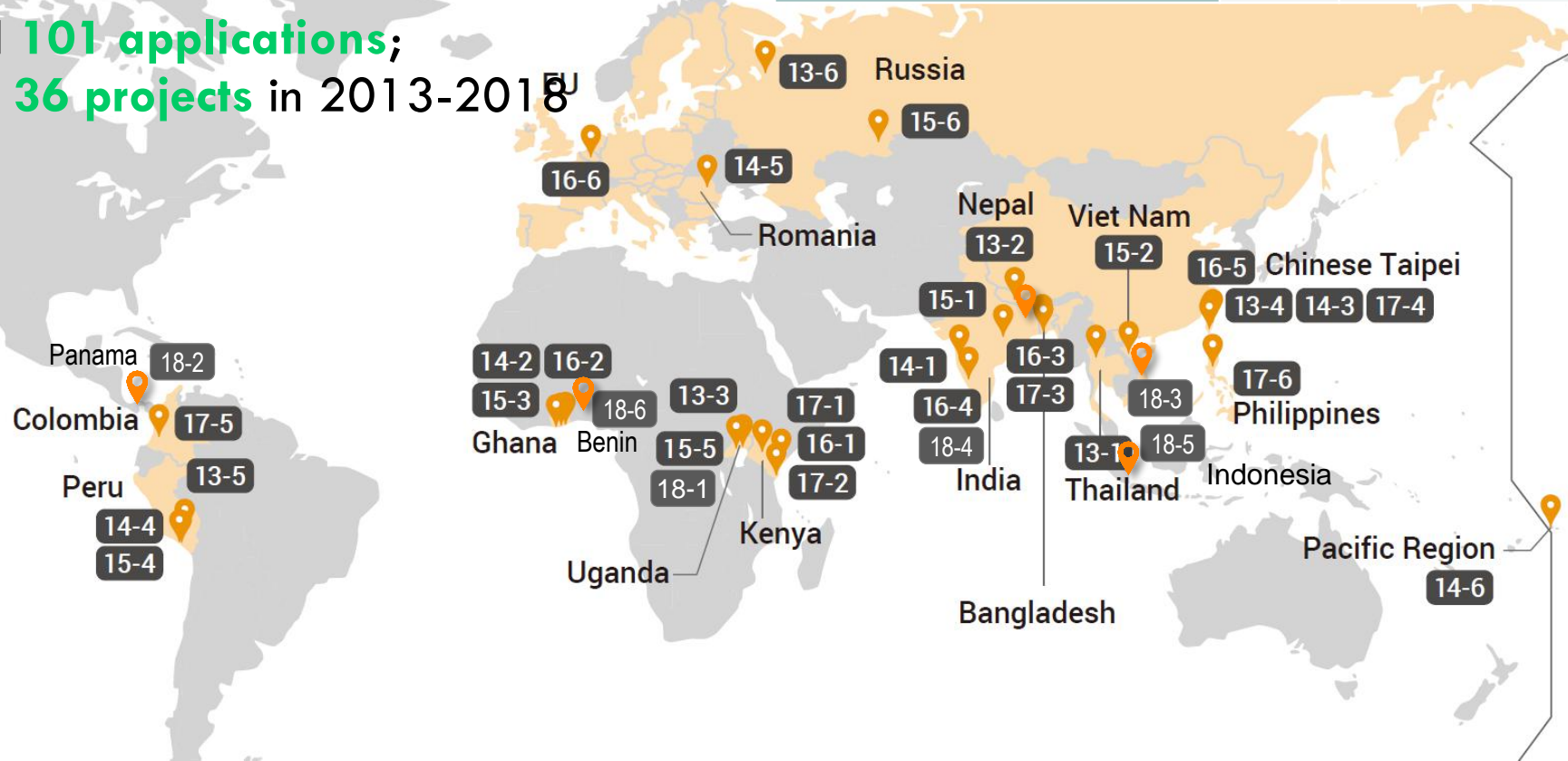
1. The SDM in a nutshell
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5. Towards a transformative change

1. THE SDM IN A NUTSHELL

Facilitates activities in line with the IPSI Strategy and Plan of Action by providing **seed funding (USD 10,000)** to the selected projects (6 projects/year) proposed by IPSI members

Received **101 applications**;
Selected **36 projects** in 2013-2018

Project type	Region				Total
	Africa	Americas	Asia-Pacific	Europe	
1. Community/field-based implementation	7	1	10	0	18
2. Research	1	1	4	0	6
3. Partnership building	1	2	1	2	6
4. Capacity building	1	1	2	2	6
Total	10	5	17	4	36



2. THE SDM PROGRESS EVALUATION OVERVIEW

- Project interventions**
- 1 Legal & regulatory
 - 2 Economic & financial
 - 3 Rights-based
 - 4 Social & information
 - 5 Management
 - 6 Innovation & integration

- IPSI Strategic Objectives**
- 1 Increase knowledge
 - 2 Address drivers
 - 3 Enhance benefits
 - 4 Enhance capacities

- Global targets & goals**
- Aichi Biodiversity Targets**
- 20 targets
 - 78 indicators
- Sustainable Development Goals**
- 17 goals
 - 244 indicators

Achievement level

- 1 Plan
- 2 Action
- 3 Output
- 4 Outcome

Contribution level

- 1 Relevant to target/goal
- 2 Direct contribution to indicators

Data sources

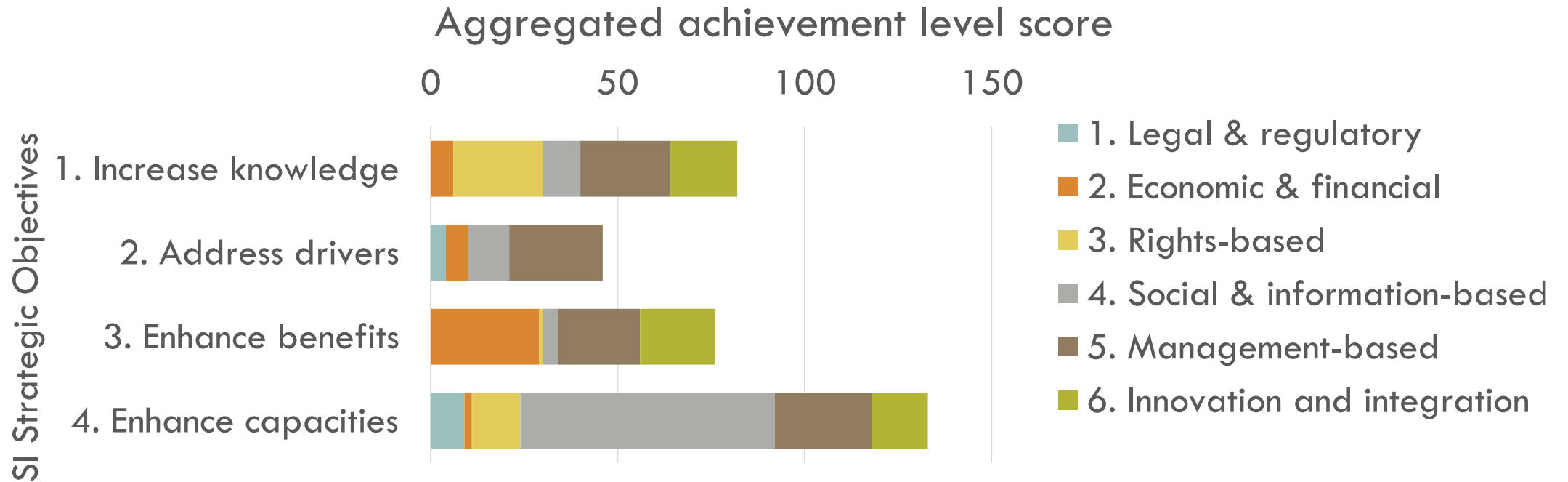
- Project implementation plan
- Project final evaluation report
- Online survey (28/30)

Analysis

- Impact level scores (ILS):
$$ILS = \{ \text{Achievement level (1~4)} \times \text{Contribution level (1~2)} \}^{1/3}$$

* $\{1 + m/n\}^{1/3}$

3. BEST PRACTICES AND INNOVATIONS



~ MANAGEMENT INSTRUMENT ~

Pj 13-2 “Documentation of Biological Resources for Preparation and Piloting of Local Bio-diversity Strategy and Action Plan (LBSAP) in three ecological production landscapes of Nepal” (KAFCOL, Nepal)

Developed local biodiversity strategy and action plans (LBSAPs) in 3 villages engaging the village development committees, which identified vulnerable groups of people, developed threatened and important species inventories, and established community biodiversity committees.

Instruments mix	1	2	3	4	5	6														
IPSI Strategic Objectives achieved	1	2	3	4																
Contribution to ABTs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution to SDGs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			



~ ECONOMIC & FINANCIAL INSTRUMENT ~

E.g. Pj14-1 “Promoting Green Entrepreneurship for conservation of Satoyama landscapes in the North Western Ghats, India” (AERF, India)

Identified high value plants (e.g. *Terminalia chebula*),
established sustainable harvesting practices and value chains, and
obtained FAIRWILD certification.

Instruments mix	1	2	3	4	5	6														
IPSI Strategic Objectives achieved	1	2	3	4																
Contribution to ABTs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution to SDGs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			



~ RIGHTS-BASED INSTRUMENTS ~

E.g. Pj 13-1 “Supporting and promoting the Karen indigenous socio-ecological production system in northern Thailand” (IKAP, Thailand)

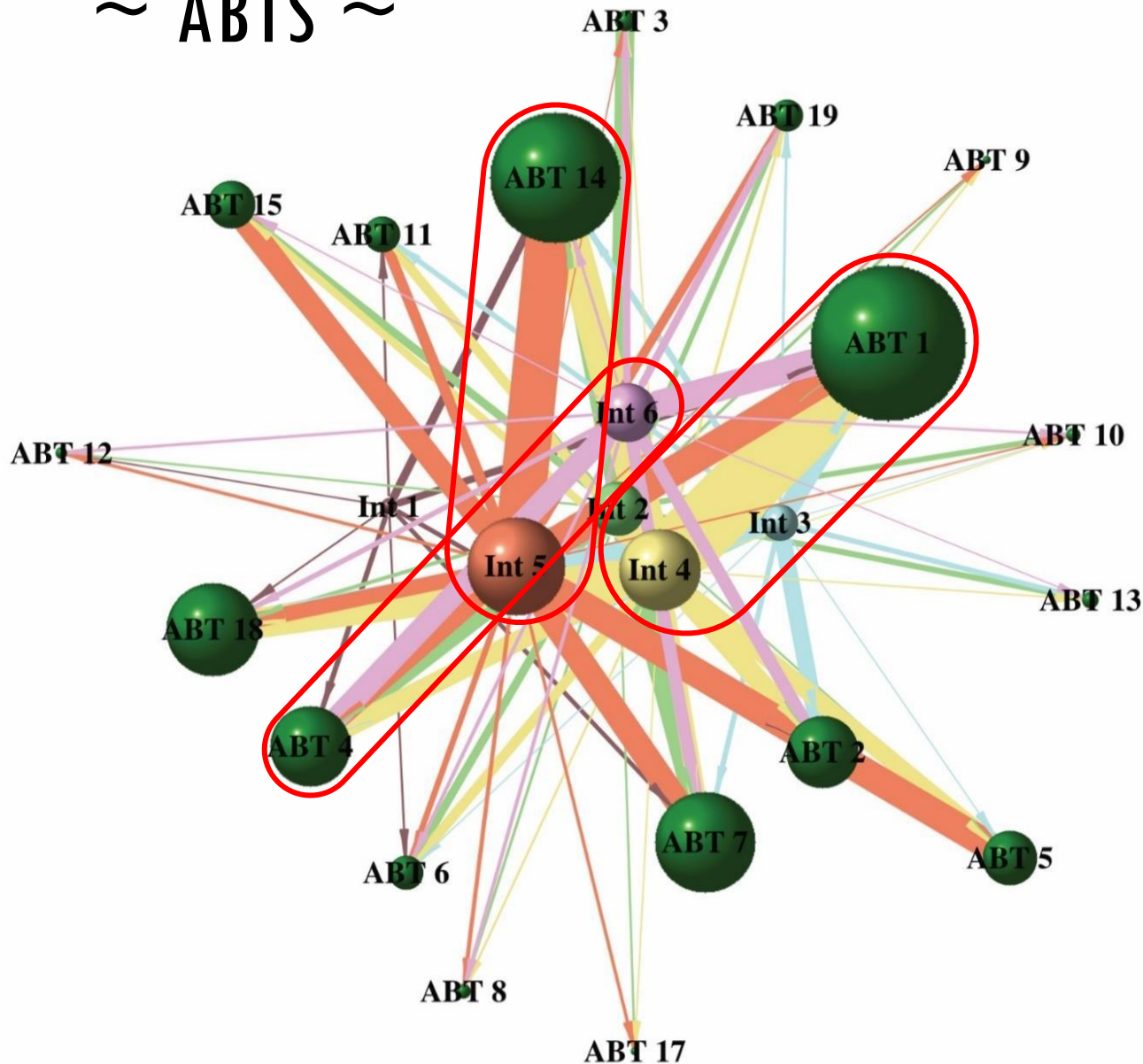
Mapped traditional rotational farming practices using GIS, **documented** knowledge on **local crop varieties and cultivation techniques**, and facilitated **knowledge exchange between elders and youths**

Instruments mix	1	2	3	4	5	6														
IPSI Strategic Objectives achieved	1	2	3	4																
Contribution to ABTs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution to SDGs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			



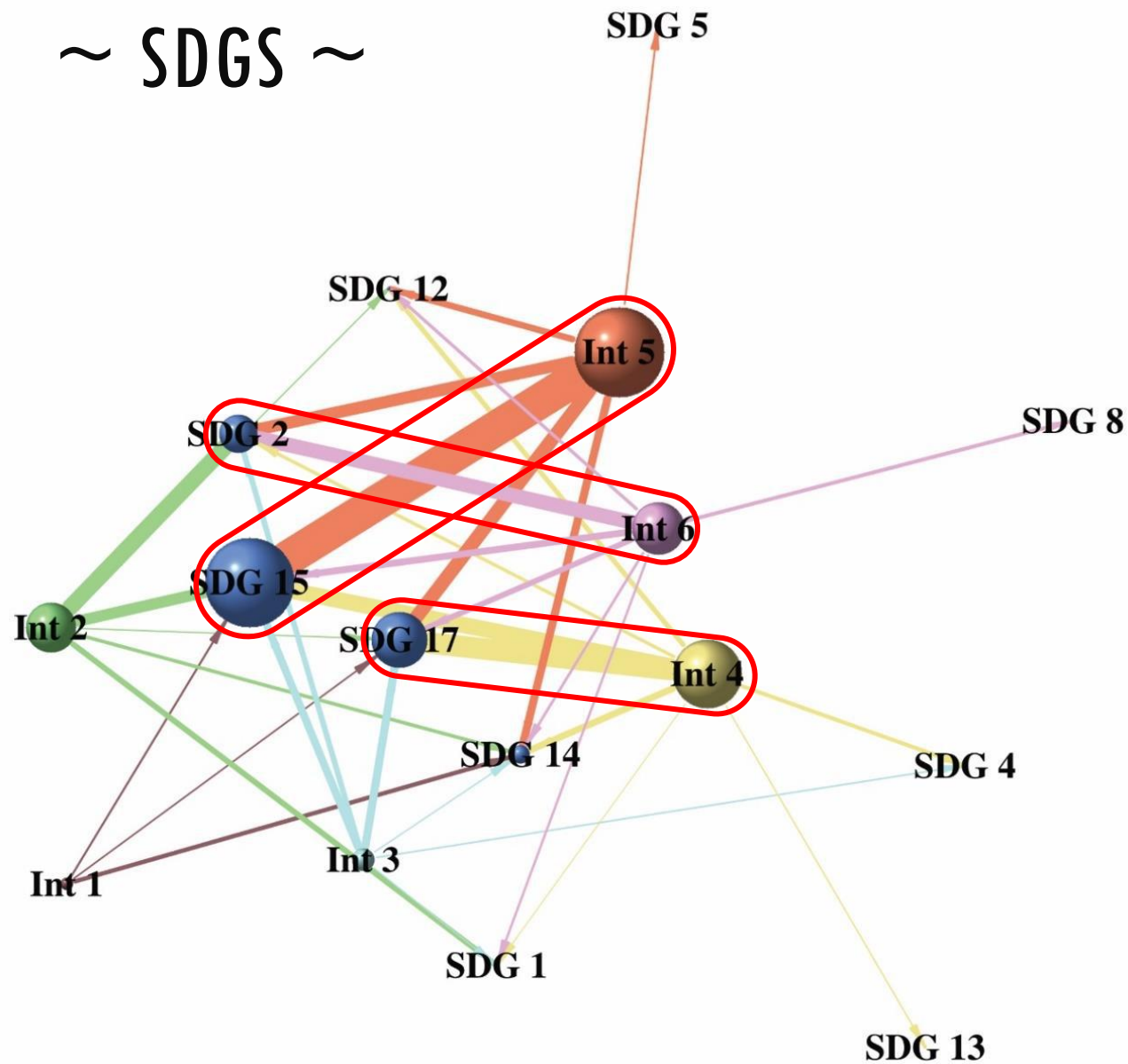
4. CONTRIBUTIONS TO ABTS AND SDGS

~ ABTS ~



- Int1: Legislation & regulation
- Int2: Economic & financial
- Int3: Rights-based
- Int4: Social & cultural
- Int5: Management
- Int6: Innovation & integration
- **Aichi Biodiversity Targets (ABT)**
- ➡ 1 Awareness of biodiversity increased
- ➡ 5 2 Biodiversity values integrated
- ➡ 3 Incentives reformed
- ➡ 3 4 Sustainable production and consumption
- ➡ 5 Habitat loss halved or reduced
- ➡ 6 Sustainable management of marine living resources
- ➡ 4 7 Sustainable agriculture, aquaculture and forestry
- ➡ 8 Pollution reduced
- ➡ 9 IAS prevented and controlled
- ➡ 10 Pressures on vulnerable ecosystems reduced
- ➡ 11 Protected areas increased and improved
- ➡ 12 Extinction prevented
- ➡ 13 Genetic diversity maintained
- ➡ 2 14 Ecosystems and essential services safeguarded
- ➡ 15 Ecosystems restored and resilience enhanced
- ➡ 16 Nagoya Protocol in force and operational
- ➡ 17 NBSAPs adopted as policy instruments
- ➡ 6 18 Traditional knowledge respected
- ➡ 19 Knowledge improved, shared and applied
- ➡ 20 Financial resources from all sources increased

~ SDGS ~

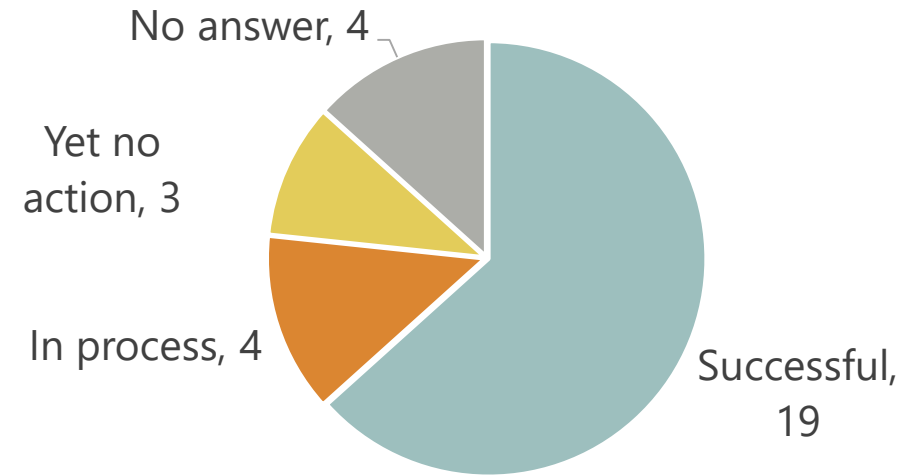


- Int1: Legislation & regulation
- Int2: Economic & financial
- Int3: Rights-based
- 2 ➔ ● Int4: Social & cultural
- 1 ➔ ● Int5: Management
- 3 ➔ ● Int6: Innovation & integration
- **Sustainable Development Goal (SDG)**
- 6 ➔ 1 No poverty
- 2 ➔ 2 Zero hunger
- 3 Good health and well-being
- 4 Quality education
- 5 Gender equality
- 6 Clean water and sanitation
- 7 Affordable and clean energy
- 8 Decent work and economic growth
- 9 Industry, innovation and infrastructure
- 10 Reduced inequalities
- 11 Sustainable cities and communities
- 5 ➔ 12 Responsible consumption and production
- 13 Climate action
- 4 ➔ 14 Life below water
- 1 ➔ 15 Life on land
- 16 Peace, justice and strong institutions
- 3 ➔ 17 Partnership for the goals

5. TOWARDS A TRANSFORMATIVE CHANGE

~ POLICY UPTAKE AND SUPPORT ~

19/30 grantees successful in policy uptake/support
at national and sub-national levels



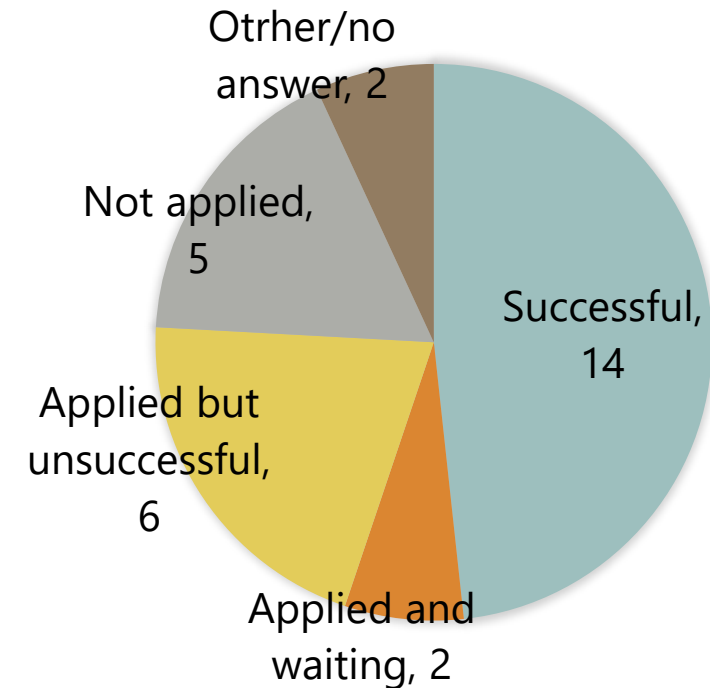
Level	Policy (gov. entity) that has reflected/supported the project results/initiatives
National	The revised Forest Law –an article on planting native trees (Vietnam)
Sub-national	The National Strategic Framework for Promoting Satoyama Initiative (The Forestry Bureau, Chinese Taipei) Rural Regeneration Policy (Soil and Water Conservation Bureau, Chinese Taipei) Cihalaay Cultural Landscape Management Principle and Plan (Hualien, Chinese Taipei) Allocation of 15% of agriculture, forestry and environment fund for the implementation of LBSAP in 2015. (Sypru village development committee, Nepal)

~ FINANCING ~

SDM **invested US\$ 294k** in 30 projects since 2013

- > Mobilised **US\$ 352k matching funds**; and
- > **14/20** grantees successful in attracting **additional investments** from other sources **totaling US\$ 696k**

Overall **457% return on investment**



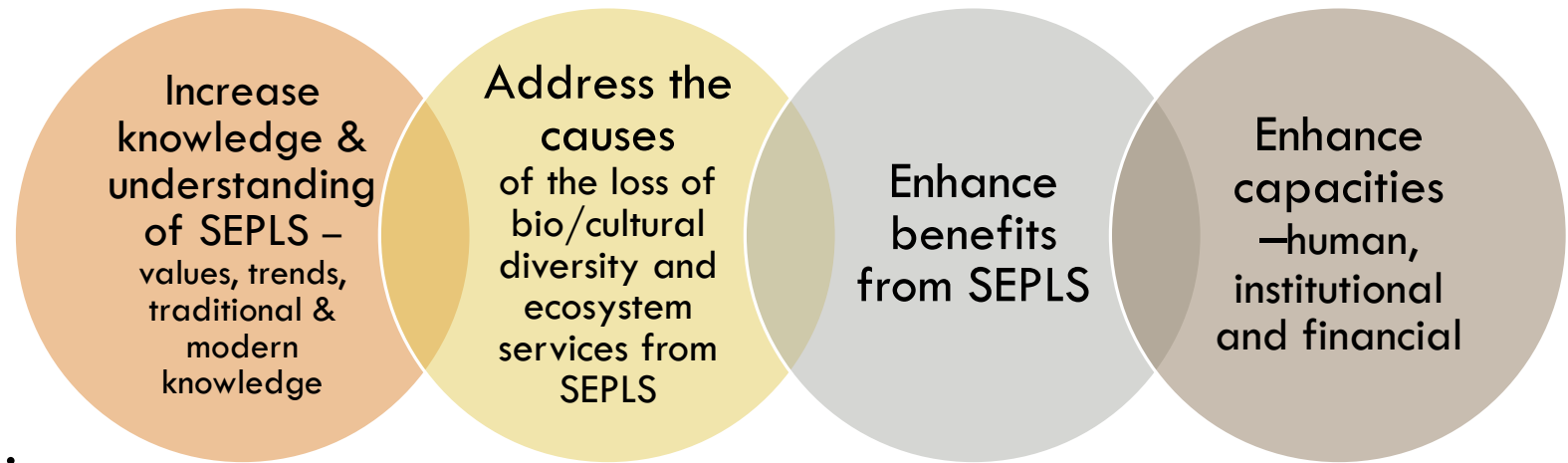
~ PARTNERSHIP ~

In sum **164 organisations** aside the grantees involved in 30 SDM projects, including **21 IPSI members**

On average **5.5 organisations**, under **3.3 sectors**, involved in each project



KEY MESSAGES



The four IPSI Strategic Objectives embodied in SDM Projects

They demonstrated the role of SEPLS to synergistically achieve multiple Aichi Biodiversity Targets and Sustainable Development Goals

- Highlighted targets/goals:



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Modest seed funding can stimulate innovation and incubate best practices that trigger **transformative change** towards the global sustainability goals

RECOMMENDATIONS

Better **recognize the role of SEPLS** in post-2020 global biodiversity framework **to enhance its synergies with the SDGs**

Identify an optimal instrument mix to address interconnected biodiversity and socio-economic issues in SEPLS reflecting local realities and towards global sustainability goals

Towards transformative change, upscale local innovations and best practices through **policy integration, donor coordination and partnership building**



THANK YOU!