



Satoyama Development Mechanism (SDM)

Landscape approach to mainstreaming biodiversity
into primary production sectors

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Objectives of SDM

- *"facilitate activities in line with the IPSI Strategy and Plan of Action by **providing seed funding**^a to promising projects that demonstrate good practices"*

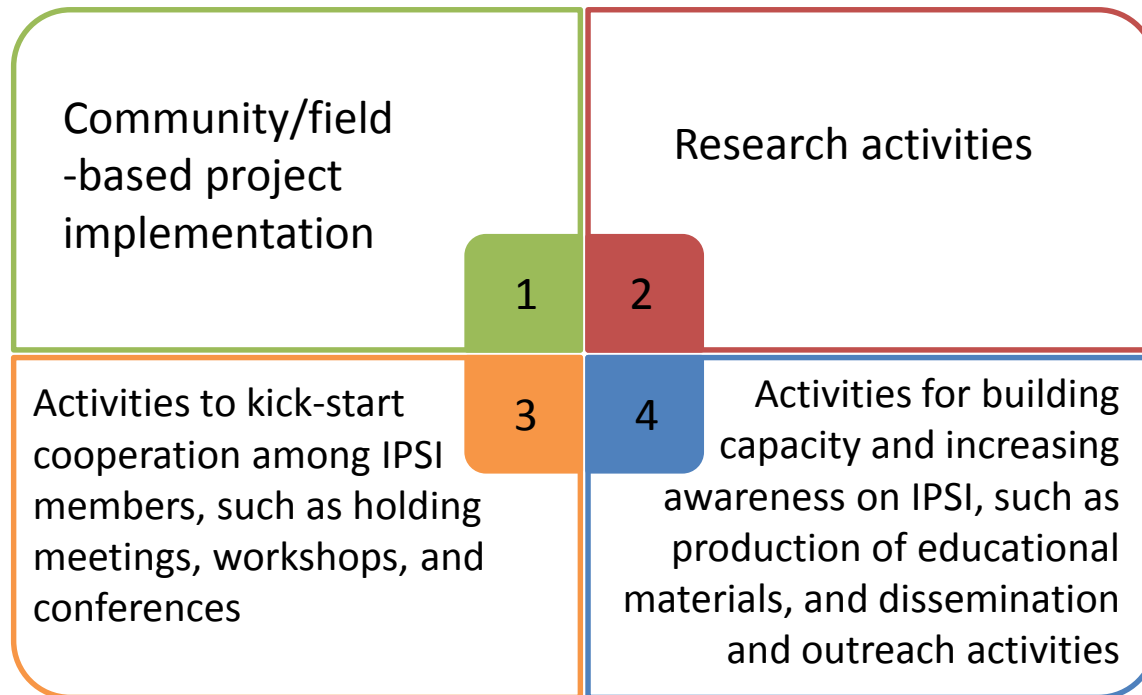
a. The amount of the funding is approximately 10,000USD per organisation

Promote the
**implementation of
activities under the IPSI
Strategy and Plan of
Action**

Promote the **development of
model practices for living in
harmony with nature**
through sustainable use of
SEPLS and contribution to the
Aichi Biodiversity Targets

Provide an incentive
for IPSI members to
strengthen partnerships and
to generate a
knock-on effect from
joint activities for the
sustainable use of SEPLS

Sub-granted Project Types



SDM Selection Results (2013/2014/2015)

Region	Community/ field-based implementation	Research activity	Workshops/ conferences/ meetings	Capacity building/ outreach activity	Sub-total
Asia Pacific	2+2+2	1		1	8
Americas		1	1+1		3
Europe			1	1+1	3
Africa	1+1	1	1		4
Sub-total	8	3	4	3	18

SDM 2013 Projects

Recipient	Project type	Country	Project title
IKAP	1.Community/ field-based implementation	Thailand	Supporting and Promoting the Karen Indigenous Socio-ecological Production System in Northern Thailand (completed)
KAFCOL	1.Community/ field-based implementation	Nepal	Documentation of Biological Resources for Preparation and Piloting of Local Bio-diversity Strategy and Action Plan (LBSAP) in Three Ecological Production Landscapes of Nepal (completed)
Nature and Livelihoods	2.Research activities	Uganda	Experimenting on production of high value market products from indigenous wild fruits (completed)
SWAN International	2.Research activities	Chinese Taipei (Taiwan)	Converting pests to allies in tea farming - a potential case of Satoyama landscape in Hualien, Taiwan (completed)
Asociación ANDES	3.Workshops / Conferences / Meetings	Peru	Hosting the Satoyama Initiative Annual Steering Committee Meeting and Global Forum in 2015 (ongoing)
Center Zapovedniks	4.Capacity building / Outreach	Russia	Cultural landscapes as vectors for local sustainable development (completed)

SDM 2014 Projects

Recipient	Project type	Country	Project title
AERF	1.Community/ field-based implementation	India	Promoting Green Entrepreneurship for conservation of Satoyama landscapes in the North Western Ghats, India (completed)
A Rocha Ghana	1.Community/ field-based implementation	Ghana	Restoration of Community Sacred Forest to Enhance Socio Ecological Landscape in the Effutu Traditional Area (completed)
National Dong-Hwa University	1.Community/ field-based implementation	Chinese Taipei (Taiwan)	Tailoring Satoyama initiative concepts to national and local context: A Case Study of the collaborative planning process of a Rice Paddy Cultural Landscape in an Indigenous Community (completed)
APAIC	2.Research activities	Peru	Evaluation of the biodiversity chain in barren landscapes ecosystems restored through reforestation with <i>Caesalpine spinosa</i> , in the southern semiarid coast of Peru (completed)
Landcare Germany	3.Workshops / Conferences / Meetings	Romania	Fostering cooperative nature conservation to preserve and develop the cultural landscape (SEPL) in the Carpathian Region of Pogány-havas (ongoing)
SPREP	4.Capacity building / Outreach	Pacific region	Healthy islands, oceans and people (ongoing)

SDM 2015 Projects

Recipient	Project type	Country	Project title
IORA	1.Community/ field-based implementation	India	Integrated participation of institutional stakeholder for upliftment of rural livelihood through sustainable harvesting and market linkages of NTFPs and Agri products (ongoing)
SPERI	1.Community/ field-based implementation	Viet Nam	Restoration of local valuable tree species in the Huong Son upper catchment through nursery, extension of plantings, and field documentation for ensuring sustainability of SEPLS (ongoing)
Conservation Alliance International	1.Community/ field-based implementation	Ghana	Enhancing Cocoa Agroforestry in Ghana through an integrated Geographic Information Based (GIS) based monitoring system (ongoing)
APAIC	3.Workshops / Conferences / Meetings	Peru	Towards an Strategy for Mitigation of Climate Change Effects in the Coastal Region of Peru, in the Context of the El Nino Event (ongoing)
EPIC	3.Workshops / Conferences / Meetings	Uganda	Satoyama Initiative National Network Workshop for UGANDA (ongoing)
Centre Zapovedniks	4.Capacity building / Outreach	Russia	Cultural landscapes as vectors for local sustainable development (ongoing)

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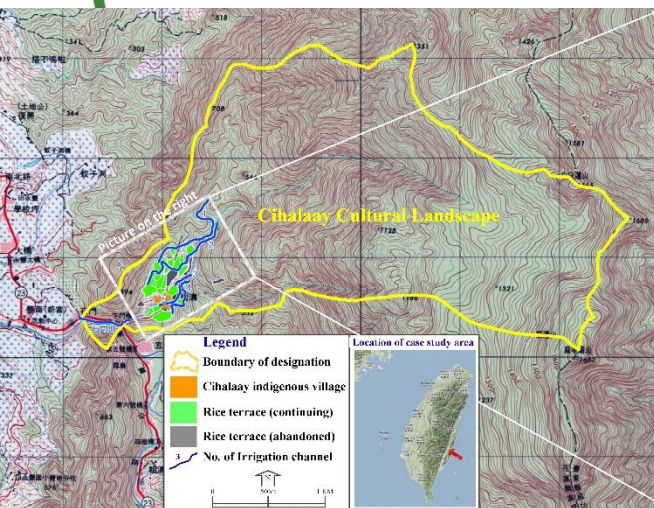
<Forest> Promoting Green Entrepreneurship for the Conservation of Satoyama Landscapes in the North Western Ghats, India (AERF, India)

- Sustainable harvesting practices, market products and value chains were developed and FAIRWILD-certified for two medicinal tree species, *Pterocarpus marsupium* (VU) and *Terminalia bellirica*
- Capacity of marginalized farming communities was built for sustainable collection of medicinal ingredients
- “Nature Connect” –sustainable NTFP entrepreneurship platform– was established for scaling up actions



<Agriculture> A Case Study of the collaborative planning process of a Rice Paddy Cultural Landscape in an Indigenous Community (National Dong-Hwa University, Taiwan)

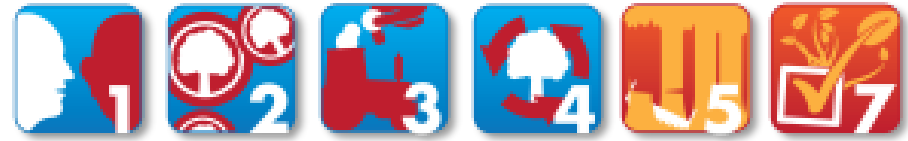
- Cihalaay Cultural Landscape site was officially inscribed
- Local management committee and code of conduct were established, and incorporated into the official Management Principles and Management Plan for the Cihalaay Cultural Landscape site
- Community-based and bottom-up approach in line with the Healey's theory of collaborative planning (Healey, 1997, 1998)



Key messages from sub-grant projects:

- Deep understanding on traditional knowledge, practices and way of life of rural communities should be the basis for the interventions for sustainable natural resource management (IKAP, Thailand)
- Biodiversity planning should start at local level to foster ownership towards project achievements (KAFCOL, Nepal)
- Conservation outside PAs is only possible if landowners appreciate its benefits, where necessary proved by modern science. (Nature and Livelihoods, Uganda)
- Promotion of sustainable use attracts stakeholders' attention to the effective management of human-influenced natural environment (Zapovedniks, Russia)
- Building skills of local communities, clearly focusing on sustainable use of biodiversity, is critical to achieve long term conservation goals (AERF, India)
- Participatory approach is key. Well informed and empowered communities can take steps to protect their environment (A Rocha Ghana)
- A landscape and participatory approach is welcomed by rural people and can create a new style of 'living' protected landscape into the national protected area system (14-3: National Dong-Hwa University, Taiwan)

Contributions to 2020 Aichi Biodiversity Targets



Project type	Recipient	Aichi Biodiversity Targets																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Community/ field-based implementation	IKAP		■					■					■		■	■				■	
	KAFCOL	■	■												■				■	■	■
	AERF	■			■	■		■					■		■						
	A Rocha Ghana	■				■		■							■	■				■	
	National Dong- Hwa University	■	■					■					■		■					■	
Research	Nature and Livelihoods			■				■						■							
	SWAN International	■		■	■			■	■												
	APAIC, Peru	■	■					■							■	■					
CB/ OR	Center Zapovedniks	■											■							■	



■ Tangible outcome
■ Relevant

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To which SDG can SDM projects contribute?







Project type	Recipient	SDGs																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Community/ field-based implementation	IKAP, Thailand																	
	KAFCOL, Nepal																	
	AERF, India																	
	A Rocha Ghana																	
	National Dong-Hwa University, Taiwan																	
	SPERI, Viet Nam																	
	Conservation Alliance International, Ghana																	
Research	Nature and Livelihoods, Uganda																	
	APAIC, Peru																	
Partnership	ANDES, Peru																	
	Landcare Germany																	
	EPIC, Uganda																	
CB/OR	Center Zapovedniks, Russia																	




How can SDM projects contribute to SDGs?

- Few snapshots -






Project: Promoting Green Entrepreneurship for the Conservation of Satoyama Landscapes in the North Western Ghats, India (AERF, India)

SDG	How to contribute?
 <p>1 NO POVERTY End poverty in all its forms everywhere</p>	Established NTFP-based enterprise with marginalized farming communities (1.4)
 <p>3 GOOD HEALTH AND WELL-BEING Ensure healthy lives and promote well-being for all at all ages</p>	Supplied medicinal products using native medicinal trees, e.g. for diabetes (3.b)
 <p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION Ensure sustainable consumption and production patterns</p>	Developed and certified sustainable harvest and value chain of medicinal plant ingredients (12.2)
 <p>15 LIFE ON LAND Protect, restore and sustainably use terrestrial ecosystems and biodiversity</p>	Enhanced local awareness and actions for conserving village forests (15.9)





Collaborative planning process of a Rice Paddy Cultural Landscape in an Indigenous Community (National Dong-Hwa University, Taiwan)

SDG	How to contribute?
 <p>17 PARTNERSHIPS FOR THE GOALS Strengthen the means of implementation ...</p>	Cihalaay Cultural Landscape Management Plan, local management committee and code of conduct established from a bottom-up participatory approach (17.15, 16)





Supporting and Promoting the Karen Indigenous Socio-ecological Production System in Northern Thailand (IKAP)

SDG	How to contribute?
 <p>2 ZERO HUNGER Food security and sustainable agriculture</p>	<p>Revitalised traditional rotational farming that generates multiple benefits and sustain rich biodiversity (2.4, 5)</p>
 <p>5 GENDER EQUALITY Gender equality and empower all women and girls</p>	<p>Enhanced recognition on and reinforced girls/women's roles in RF practices (5.5, a)</p>
 <p>13 CLIMATE ACTION Take urgent action to combat climate change and its impacts</p>	<p>Revitalised traditional low-carbon agroecosystems (13.3)</p>
 <p>15 LIFE ON LAND Protect, restore and sustainably use terrestrial ecosystems and biodiversity</p>	<p>Promoted sustainable natural resource use with associated ILK and practices (15.1)</p>
 <p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS Promote peaceful and inclusive societies, access to justice, ...</p>	<p>Promoted participatory approach, particularly with IPs, in natural resource management (16.7)</p>

Restoration of Community Sacred Forest to Enhance Socio Ecological Landscape in the Effutu Traditional Area (A Rocha Ghana)

SDG	How to contribute?
 <p>1 NO POVERTY</p> <p>End poverty in all its forms everywhere</p>	Trained 15 women in soap making to provide them a default income source (1.4)
 <p>5 GENDER EQUALITY</p> <p>Achieve gender equality and empower all women and girls</p>	Strengthened women's leadership in natural-resource based ventures (5.5)
 <p>6 CLEAN WATER AND SANITATION</p> <p>Ensure availability and sustainable management of water and sanitation</p>	Restored headwater forests of Pratu River that runs through the project area (6.6)
 <p>15 LIFE ON LAND</p> <p>Protect, restore and sustainably use terrestrial ecosystems and biodiversity</p>	Replanted 5.43 ha in degraded forests and restored community hunting ground (15.1, 2, 9)

Restoration of locally valuable tree species through nursery, planting extension and field documentation for ensuring sustainability of SEPLS (SPERI, Viet Nam)

SDG	How to contribute?
 <p>4 QUALITY EDUCATION</p> <p>Ensure inclusive and equitable quality education ...</p>	Provide learning opportunities to marginalized communities through Farmers Field Schools (1.4)
 <p>6 CLEAN WATER AND SANITATION</p> <p>Ensure availability and sustainable management of water and sanitation</p>	Restore forests in the upper catchment –clean water supply to downstream communities (6.6)
 <p>13 CLIMATE ACTION</p> <p>Take urgent action to combat climate change and its impacts</p>	Enhance community capacity for forest-based climate change mitigation (13-3)
 <p>15 LIFE ON LAND</p> <p>Protect, restore and sustainably use terrestrial ecosystems and biodiversity</p>	Restore the stands of eight native tree species and improve wildlife habitat quality (15.1, 2)

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Way forward

- Maintain flexibility and members' commitment
- Accelerate experience sharing
 - Develop and disseminate visible contents on good practices
 - Support direct communications between the grant recipients and our audiences
- Assess and communicate project results
 - ✓ outcomes, impacts and scale
 - ✓ ABTs and SDGs indicators
- **Open call for proposals in May 2016**



Thank you!