



## Satoyama Development Mechanism (SDM)

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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**<sup>a</sup> to promising projects that demonstrate good practices”

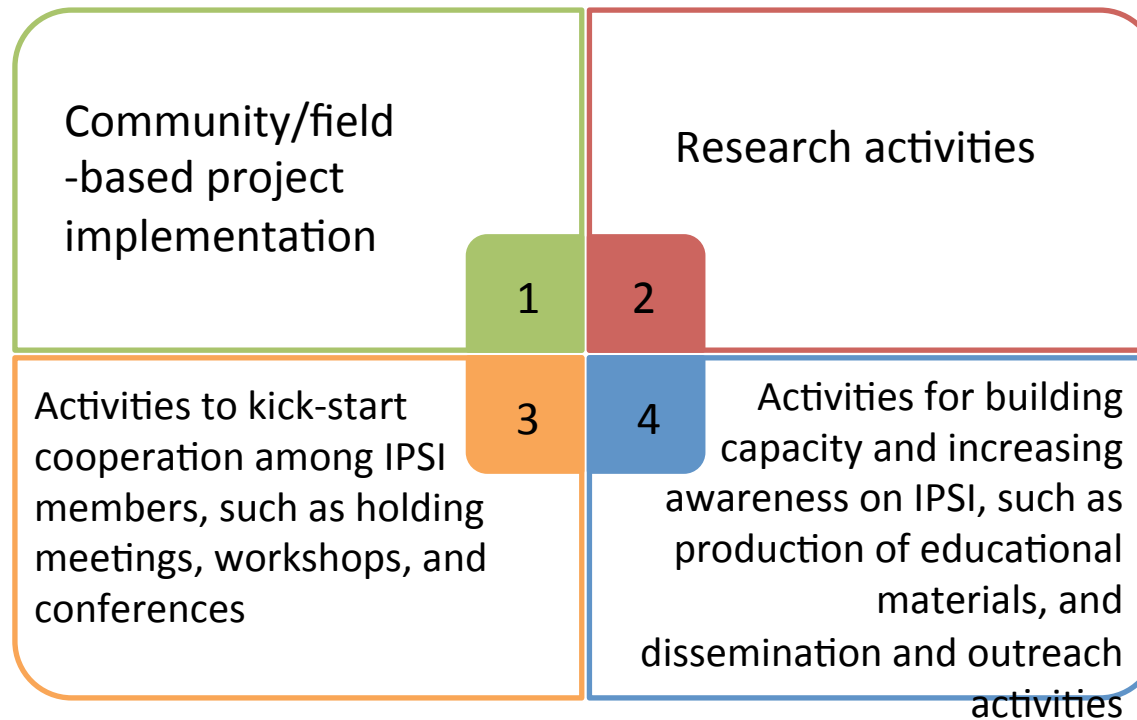
a. The amount of the funding is approximately 10,000USD per organisation

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 <b>(completed)</b>
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 <b>(completed)</b>
Nature and Livelihoods	2.Research activities	Uganda	Experimenting on production of high value market products from indigenous wild fruits <b>(completed)</b>
SWAN International	2.Research activities	Chinese Taipei (Taiwan)	Converting pests to allies in tea farming - a potential case of Satoyama landscape in Hualien, Taiwan <b>(completed)</b>
Asociación ANDES	3.Workshops / Conferences / Meetings	Peru	Hosting the Satoyama Initiative Annual Steering Committee Meeting and Global Forum in 2015 <b>(ongoing)</b>
Center Zapovedniks	4.Capacity building / Outreach	Russia	Cultural landscapes as vectors for local sustainable development <b>(completed)</b>

# 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 <b>(completed)</b>
A Rocha Ghana	1.Community/ field-based implementation	Ghana	Restoration of Community Sacred Forest to Enhance Socio Ecological Landscape in the Effutu Traditional Area <b>(completed)</b>
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 <b>(completed)</b>
APAIC	2.Research activities	Peru	Evaluation of the biodiversity chain in barren landscapes ecosystems restored through reforestation with <i>Caesalpinia spinosa</i> , in the southern semiarid coast of Peru <b>(completed)</b>
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 <b>(ongoing)</b>
SPREP	4.Capacity building / Outreach	Pacific region	Healthy islands, oceans and people <b>(ongoing)</b>



# 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 <b>(ongoing)</b>
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 <b>(ongoing)</b>
Conservation Alliance International	1.Community/ field-based implementation	Ghana	Enhancing Cocoa Agroforestry in Ghana through an integrated Geographic Information Based (GIS) based monitoring system <b>(ongoing)</b>
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 <b>(ongoing)</b>
EPIC	3.Workshops / Conferences / Meetings	Uganda	Satoyama Initiative National Network Workshop for UGANDA <b>(ongoing)</b>
Centre Zapovedniks	4.Capacity building / Outreach	Russia	Cultural landscapes as vectors for local sustainable development <b>(ongoing)</b>

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

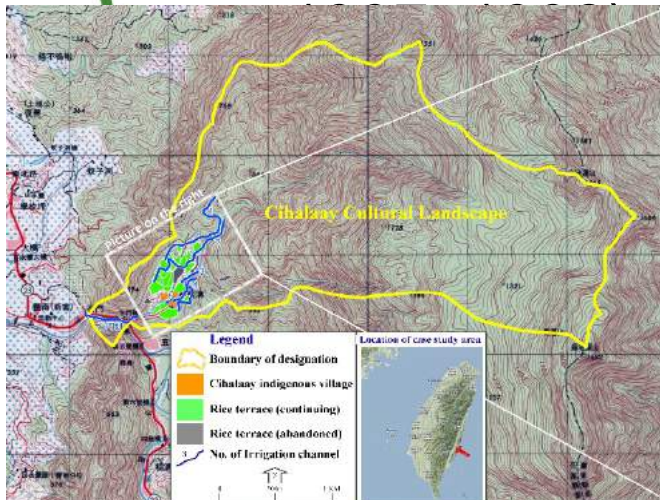
- Sustainable harvesting practices, market products and value chains were developed and FAIRWILD-certified for two medicinal tree species, *Pterocarpus marsupium* (VU) and *Terminalia bellirica*
- Capacity of marginalized farming communities was built for sustainable collection of medicinal ingredients
- “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,



## 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>Food security and sustainable agriculture</p>	<p>Revitalised traditional rotational farming that generates multiple benefits and sustain rich biodiversity (2.4, 5)</p>
 <p>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>Take urgent action to combat climate change and its impacts</p>	<p>Revitalised traditional low-carbon agroecosystems (13.3)</p>
 <p>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>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 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 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 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 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 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 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 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 Protect, restore and sustainably use</p>	Restore the stands of eight native tree species

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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!**