Sheet 1/2 : Organisation information and Project outline

Project summary

Organisation name					
Institute for Global Environmental Strategies					
Project title					
Mainstreaming of biodiversity into daily life through Satoyama conservation in Hayama					
Country of project site (select)	**Area of project site (provice, village name, etc.)**			**Area of project site (ha)**	
Japan	Hayama Town			17.7ha	
Project type (select)	**Project period**			**Number of beneficiaries**	
Field implementation	Start (month, year)		End (month, year)	Total	Number of women
	11	2024	10 2026	500persons	250persons
Estimate of the budget amount (USD) *Auto-filling from form 2					
Requested amount from SDM	Co-financing			Total	
14,790USD	1,500USD			16,290USD	
Project outline (200 - 250 words)				**Word count:**	**220**

Satoyamas or SEPLS in Japan have been degraded in general due to depopulation, aging and the lack of human resources who engaged in agriculture and forestry. Hayama Town is rich in nature, surrounded by mountains and facing the sea in its western side, though it is not so far from big cities like Yokohama and Tokyo. Therefore, the town is famous as area of villa including an imperial one and the beautiful coastal area with beaches. Therefore, the town does not face depopulation issues like other satoyama areas in Japan but development of residential area, roads and golf course. To cope with the issues, this project aims to mainstream biodiversity into daily life among the local residents and tourists through conservation of satoyama area in the town. To achieve the project aim, we conduct the following activities: 1) visualization of ecosystem services through GIS; 2) tree planting and thinning with local communities around the satoyama area; 3) promotion of composting at home, setting up a compost pool station and provision of compost for local farmers; and 4) organizing farmer's market to sell agricultural products made in a sustaianble way from the town. Through these activities, we expect that the local communities become more aware of the need of satoyama conservation and take part in such activities in a daily basis.

Project period: The maximum is two years. The project must start between December 2023 and March 2024 (e.g. December 2023 - November 2025).

Orange cells are auto-filling. You cannot enter any numbers or words here.

Collaborating organisations

Organisation name	**Organisation type (select)**	**Please check if it is an IPSI member.**
Hayama Town	Government	☑
Hayama Agri Friends	NGO	☐
SHOPPING PLAZA HAYAMA STATION	Private company	☐
Isshiki Elementary School	Academic/research institution	☑
	Select ▼	☐
	Select ▼	☐
	Select ▼	☐
	Select ▼	☐

Please add rows as necessary by copying the existing row and inserting it to keep the same format.

Information of project implementation organisation

Information about the organisation
Organisation's URL
https://www.iges.or.jp/en/myiges
Scope of work (within 50 words)
The aim of the Institute is to achieve a new paradigm for civilization and conduct innovative policy development and strategic research for environmental measures, reflecting the results of research into political decisions for realising sustainable development both in the Asia-Pacific region and globally.

Past relevant projects

Period	Project title	Website (URL) if available	Donor	Fund
Jan 2012 - Dec 2015	Conservation of community forest in Hayama, Japan	http://www.conservation-community-forest.jp/	Ministry of Env	5,000USD
Apr 2014 - Mar 2018	Application of Indicator of Resilience in SEPLS in Hayama	N/A		35,000USD
				USD
				USD

Please add rows as necessary by copying the existing row and inserting it to keep the same format.

Staffing for the proposed project

Name	Role	Position and organisation
Yasuo Takahashi	Project manager: GIS mapping	Research manager, IGES
Koji Miwa	Project coodinator: fieldwork with local communities and collaborators	Policy resaercher, IGES
Saeko Kadoshima	Logistics and accounting	Program coodinator, IGES

Please add rows as necessary by copying the existing row and inserting it to keep the same format.

Please fill in form 2 as well.

Sheet 2/2: Project details

[Note]
Orange cells are completed automatically. You cannot enter any numbers or words.

Project strategy

SEPLS of the project site (within 250 words) — **Word count: 202**

Satoyamas, or Socio-Ecological Production Landscapes and Seascapes (SEPLS) in Japan, have generally been degraded due to depopulation, aging populations, and a lack of human resources engaged in agriculture and forestry. Despite these challenges, Hayama Town stands out as a region rich in natural beauty. It is surrounded by mountains and faces the sea on its western side, while also being conveniently close to major cities like Yokohama and Tokyo.
Hayama Town is renowned for its luxurious villas, including an imperial residence, and its stunning coastal areas with pristine beaches. As a result, the town does not suffer from depopulation issues that commonly afflict other satoyama areas in Japan. Instead, Hayama faces challenges related to the development of residential areas, roads, and golf courses. This development has led to a decline in the ecosystem services provided by its natural environment, particularly affecting biodiversity.
Historically, satoyamas have been the backbone of Japan's primary industries such as agriculture, forestry, and fishing, supporting a rich biodiversity where various species coexisted harmoniously. However, urbanization and development have disrupted this balance between nature and human activity. In regions like Hayama, which are in close proximity to urban centers, maintaining the balance between natural preservation and development becomes a crucial issue.

Describe the ecological, socio-cultural and economic characteristics of the SEPLS in the project site.
<Note>
- Describe the significance of the landscape/seascape (specify important ecosystems and species as appropriate)
- Why is the landscape/seascape important for local people and nature? (specify ecosystem services) What are the benefits?

Issues or challenges to be addressed by the project (within 100 words) — **Word count: 78**

Most people focus on their busy life withought sufficiently paying attention to their nature. The development of residential area has decreased the habitat area of wildlife and forest coverage and increased the amount of wastes, which can affect the quality of groundwater, river water and the ocean, in a landscape and watershed scale. To cope with these issues, it is important to raise people's awareness of environmental (or satoyama) conservation and make it part of people's daily life.

Describe any problems occuring on site that need to be addressed by the proposed project.
<Note>
- What are the threats to the landscape/seascape including people and nture in the site?
- Other issues concerning landscape/seascape sustainability, resilience and equity.

Ongoing or past projects or activities in the project site (if applicable)

A questionnaire survey was conducted for the people who managed the community forest in 2018 and 2020. Also, we conducted a vegetation survey to make sophisticated vegetation mapping in Hayama town.

If there have been projects or activities your organization has conducted in the project site until now, please briefly describe what have been achieved.

Type of ecosystems (select all applicable)

☑	Forest	☐	Grassland	☐	Freshwater	☑	Coast
☐	Dryland	☑	Mountain	☐	Urban/peri-urban		
☐	Other (please specify)						

Overall aim and objectives (within 100 words) — **Word count: 79**

Overall aim: Project aims to mainstream biodiversity into daily life among the local residents and tourists through conservation of satoyama area in the town.
Set of objectives:
- Make people farmiliar with ecosystem services and biodiversity through a visualized map by GIS and can track the changes over the time by updating the map.
- Create opportunities that people can easily practice farming and forest management in a daily life
- Promote composting at home which can help feed themselves through sustainable agriculture

State the aim of the project to address the problems as stated in background and describe the set of objectives needed to achieve the project aim.

Expected outcome (within 200 words) — **Word count: 74**

1. The town become more sustainable through satoyama management by The local people.
2. The local residents become more aware of The importance of satoyama conservation and biodiversity, as well as tourists by visiting The area.
3. The satoyama area become more sustainably managed and it enhances The quality and quantity of ecosystem services in a positive manner.
4. he local production and consumption become more appreciated by The local communities and The carbon footprint is decreased.

Outcomes are any changes occuring as a result of project activities which can be achieved within or after the project. Please specify what changes are

Planned activities and outputs

Activity title	Contents	Output	Unit of indicator	Indicator value (baseline)	Indicator value (project end)	KMGBF Target	SDG Goal
Visualization of ecosystem services through GIS	Collect necessary data for ecosystem services and build up a map on GIS, and share with the public through the town hall.	GIS database and maps (1. carbon sequestration; 2. Rainfall runoff retention; and 3. Habitat quality)	map	0.00	3.00	8	13, 15
Tree planting and thinning with local communities	Plant trees and thin a forest with local communities.	Area planted per year.	ha	1.00	5.00	2	4, 15
Tree planting and thinning with local communities	Same as above	Area thinned per year.	ha	1.00	5.00	11, 13	4, 15
Setting up a compost pool station and provision of compost for local farmers	Encourage the local people to make compost at home, set up a compost pool station that people can contribute to local farmers, and provide those compost for local farmers	The number of composting station	compost pool station	0.00	1.00	16	3, 12
Setting up a compost pool station and provision of compost for local farmers	Same as above	The number of farmers who apply compost instead of chemical fertilizer	farmer(s)	10.00	50.00	7	12
Organizing farmer's market for sustainable agricultural products	Sell the agricultual products made in a sustainable way by organizing a farmer's market	The number of farmer's market which sell organic agricultural products in Hayama held per year	sustainable farmer's market(s)	0.00	1.00	10, 12	2
Organizing farmer's market for sustainable agricultural products	Same as above	The number of customers and visitors	people	0.00	100.00	10	16
Organizing farmer's market for sustainable agricultural products	Same as above	Sale	Japanese yen	0.00	100000.00	10	3

Please present a list of activities and major outputs which can lead to the expected outcomes. Outputs are measurable results upon completion of activities and that are visible within the project duration.
[Example 1]
Activity title: Training workshop on forest conservation
Contents: A series of training workshops for local communities to enhance their knowledge and technique about forest conservation.
Output: Number of people who attend the training workshop
Unit of indicator: person(s)
Indicator value (baseline): 0
Indicator value (project end): 100
KMGBF Target: 20 *Please specify which target of Kunnming-Montreal Global Biodiversity Framework that each activity aim to contribute to
SDG Goal: 4 *Please specify which SDG that each activity aim to contribute to

[Example 2]
Activity title: Community tree planting
Contents: Activity to plant trees in a community forest with local communities where the forest cover has decreased
Output: Area of reforested land
Unit of indicator: ha
Indicator value (baseline): 5
Indicator value (project end): 15
KMGBF Target: 2, 3, 12
SDG Goal: 15

Please add rows as necessary by copying the existing row and inserting it to keep the same format.

Project stakeholders		
Organisation type (select)	Organisation name	Role(s) in this project (within 100 words)
Government	Hayama town	Share the statistical data and adivse on project target area
NGO	Hayama Agri Friends	Support organizing planting and thining activities
Private company	SHOPPING PLAZA HAYAMA STATION	Support for organizing a farmer's market
Other	Isshiki Elementary School	Attend planting activities with their parents.
Other	Local farmers	Produce and sell organic products based on the compost.
Other	Local residents	Contribute to making compost to produce organic agricultura

Please clarify which stakeholders are involved, including local people/communities, national and local governments, private sector and CSOs as appropriate, and what role and contribution they are expected to play and do.

What innovation will the project create? (within 100 words)	**Word count:**	**93**

Although the project initiates all these activities, the initiative is given to the local communities once those activities starts. In such a way, the sustaianble activities continue after the project ends. Composting at home has already been promoted in the town but there has been no composting pool station that people can contribute to local farming as well as their own food in a sustainable way. Ecosystem service maps will be regularly updated by the town hall as they only need to update the indicators after the database was created by this project.

How can the long-term continuation of the project be secured? (within 100 words)	**Word count:**	**74**

As mentioned above, the initiative of these activities will be given to the local residents once the project starts. Sustainable agricultural products produced in this project's activities can attract people from inside and outside the town. Thus, if it becomes profittable, it will supports these activities to continue in the long-term. It needs to reach agreement with the town hall to take a responsibility for updating the ecosystem service maps after the project ends.

Risks and assumptions (within 100 words)	**Word count:**	**88**

1. The officers in the town hall are transferred evey two years. Therefore, it may be a little burden for them to keep succeeding the updates of the ecosystem service maps. To prevent such risk, we will produce a manual.
2. The amount of compost produced by the local community may not be enough to produce substantial amount of agricultural products. However, we can still sell the products in accordance with the amount of compost. And we will widely call for contribution of making compost around the town.

Please clarify your assumptions in designing the project strategy, or identify potential or anticipated risks associated with the proposed activities, and explain how you will cope with such

Contribution to IPSI and global targets

In what way does your project fall in line with the following IPSI strategic objectives (see the instruction on the right for more details)? (select all applicable)			
☐	1. Knowledge co-production, management and uptake	☐	2. Institutional frameworks and capacity development
☑	3. Area-based conservation measures	☐	4. Ecosystem restoration
☑	5. Sustainable value chain development		

To which global sustainability goals and targets is your project likely to make tangible contributions, i.e. 2030 Kunminng-Montreal Global Biodiversity Framework (KMGBF) and 2030 Sustainable Development Goals (SDGs)? Please select if the contribution is direct or indirect.

KMGBF	Target	Contents	Direct	Indirect	SDGs	Goal	Contents	Direct	Indirect
	Target 1	Ensure that all areas are under	☐	☐		Goal 1	End poverty in all its forms eve	☐	☐
	Target 2	Ensure that by 2030 at least 30	☑	☐		Goal 2	End hunger, achieve food secu	☑	☐
	Target 3	Ensure and enable that by 203	☐	☑		Goal 3	Ensure healthy lives and prom	☐	☑
	Target 4	Ensure urgent management ac	☐	☐		Goal 4	Ensure inclusive and equitable	☐	☑
	Target 5	Ensure that the use, harvesting	☐	☐		Goal 5	Achieve gender equality and e	☐	☑
	Target 6	Eliminate, minimize, reduce an	☐	☐		Goal 6	Ensure availability and sustain	☐	☐
	Target 7	Reduce pollution risks and the	☑	☐		Goal 7	Ensure access to affordable, re	☐	☐
	Target 8	Minimize the impact of climate	☑	☐		Goal 8	Promote sustained, inclusive a	☐	☑
	Target 9	Ensure that the management a	☐	☑		Goal 9	Build resilient infrastructure, p	☐	☑
	Target 10	Ensure that areas under agricu	☑	☐		Goal 10	Reduce inequality within and a	☐	☐
	Target 11	Restore, maintain and enhance	☑	☐		Goal 11	Make cities and human settlen	☐	☐
GBF	Target 12	Significantly increase the area	☐	☐	SDGs	Goal 12	Ensure sustainable consumptio	☑	☐
	Target 13	Take effective legal, policy, adı	☐	☐		Goal 13	Take urgent action to combat c	☐	☑
	Target 14	Ensure the full integration of b	☐	☐		Goal 14	Conserve and sustainably use t	☐	☐
	Target 15	Take legal, administrative or policy measures to encourage	☐	☐		Goal 15	Protect, restore and promote s	☑	☐
	Target 16	Ensure that people are encour	☐	☑		Goal 16	Promote peaceful and inclusiv	☐	☑
	Target 17	Establish, strengthen capacityf	☐	☐		Goal 17	Strengthen the means of imple	☐	☐
	Target 18	Identify by 2025, and eliminate	☐	☐					
	Target 19	Substantially and progressively increase the	☐	☐					
	Target 20	Strengthen capacity-building a	☐	☐					
	Target 21	Ensure that the best available	☐	☐					
	Target 22	Ensure the full, equitable, inclu	☐	☑					
	Target 23	Ensure gender equality in the i	☐	☐					

[IPSI strategic objectives]
Enhance the human, institutional and financial capacities through emphasizing the following activities:

• **Knowledge Co-Production, Management, and Uptake**: Conduct research and knowledge management related to landscape and seascape approaches to address direct and underlying causes responsible for the loss of biological and cultural diversity as well as ecological and socioeconomic services from SEPLS.

• **Institutional Frameworks and Capacity Development**: Strengthen institutional frameworks and develop capacity to integrate landscape and seascape approaches into policies and crosssectoral strategies related to biodiversity, climate change, sustainable land and sea management, health, agri-food systems, and disaster risk reduction to maintain or enhance the benefits of SEPLS to the environment and society.

• **Area-Based Conservation Measures**: Promote effective conservation and management through protected areas and other effective area-based conservation measures (OECMs), recognizing indigenous and traditional territories where applicable, and facilitate their integration into the wider landscape and seascape to contribute to the relevant targets of the Kunming-Montreal Global Biodiversity Framework.

• **Ecosystem Restoration**: Promote the restoration of SEPLS and contribute to the goals of the United Nations Decade on Ecosystem Restoration and relevant targets of the Kunming-Montreal Global Biodiversity Framework.

• **Sustainable Value Chain Development**: Promote sustainable practices, market-based mechanisms, and value chains to support sustainable production, including customary sustainable use and

Project timeline

(Please check in the boxes for each activity)								
Activity title (select)	1st year				2nd year (in case that the project period is 2 years)			
	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter
Visualization of ecosystem services through GIS	☑	☑	☐	☐	☐	☐	☐	☐
Tree planting and thinning with local communities	☐	☐	☑	☑	☑	☐	☐	☐
Setting up a compost pool station and provision of compost f	☑	☑	☐	☐	☐	☐	☐	☐
Organizing farmer's market for sustainable agricultural produ	☐	☐	☐	☐	☑	☑	☐	☑
Select ▼	☐	☐	☐	☐	☐	☐	☐	☐
Select ▼	☐	☐	☐	☐	☐	☐	☐	☐

Please add rows as necessary by copying the existing row and inserting it to keep the same format.

Budget estimate

Estimated total budget	Requested amount of funds from the SDM Programme (approximate max. USD 20,000)
16,290USD	14,790USD
Source and amount of co-financing/in-kind contributions	
Name(s) of source(s)/organisation(s)	Amount
Donating funds to the organisation	500USD
Ecology funds	1,000USD
Total	1,500USD

Please add rows as necessary by copying the existing row and inserting it to keep the same format.

BUDGET BREAKDOWN

Budget and source of finance (USD)								
Activity title (select)	Item type (select)	Item	Unit price	Unit of item	Number of item	Price of total items		
						Co-financing	SDM	Sub-total
Visualization of ecosystem services through GIS	Other	Arc GIS licence for one year	1200	licence	1	200	1,000	1,200
Tree planting and thinning with local communities	Remuneration	Remuneration for the forest management experts	250	day	5	0	1,250	1,250
Tree planting and thinning with local communities	Other	Seedlings	5	seedlings	300	500	1,000	1,500
Tree planting and thinning with local communities	Equipment	Planting equipments	170	shovels	10	200	1,500	1,700
Tree planting and thinning with local communities	Travel	Transportation fee for students from school to planting site for 3 days	8	transportation fee	100	300	500	800
Tree planting and thinning with local communities	Equipment	chainsaws	600	chainsaws	3	0	1,800	1,800
Tree planting and thinning with local communities	Equipment	knife	10	knife	5	50	0	50
Tree planting and thinning with local communities	Equipment	ladders	330	ladders	3	0	990	990
Tree planting and thinning with local communities	Equipment	power winches	20	power winches	3	0	600	600
Tree planting and thinning with local communities	Equipment	helmets	30	helmets	5	0	150	150
Tree planting and thinning with local communities	Equipment	goggles	10	goggles	5	50	0	50
Tree planting and thinning with local communities	Equipment	protection overalls	20	protection overalls	5	100	0	100
Setting up a compost pool station and provision of	Equipment	Compost pool station	700	compost boxes	3	0	2,100	2,100
Setting up a compost pool station and provision of	Equipment	Compost pool station	100	signboard	1	100	0	100
Setting up a compost pool station and provision of	Equipment	Gate for the compost pool station	1000	gate	1	0	1,000	1,000
Organizing farmer's market for sustainable agricultural	Equipment	Signboards for the farmer's market	10	signboards	50	0	500	500
Organizing farmer's market for sustainable agricultural products	Equipment	Rental tables and chairs for selling space	120	day	20	0	2,400	2,400
Total						**1,500USD**	**14,790USD**	**16,290USD**

Please add rows as necessary by copying the existing row and inserting it to keep the same format.

IMPORTANT NOTE: The expenses listed below are generally not eligible to be covered by the grant.
a. Permanent/full-time staff, project directors/managers. Personnel expenses for directors and full-time staff, office rent including utilities and water charges
b. Expenses necessary for the routine operation of the organisations
c. Construction expenses
d. Equipment expenses, such as cars and computers, of more than USD 200.
e. Sub-contracting is basically not recommended, but if unavoidable can be approved upon consultation with the Secretariat and up to USD 200
*In case of uncertainty, please contact the secretariat for guidance on project expenses.

Application sheet consits of 2 pages. Please fill in both completely.