



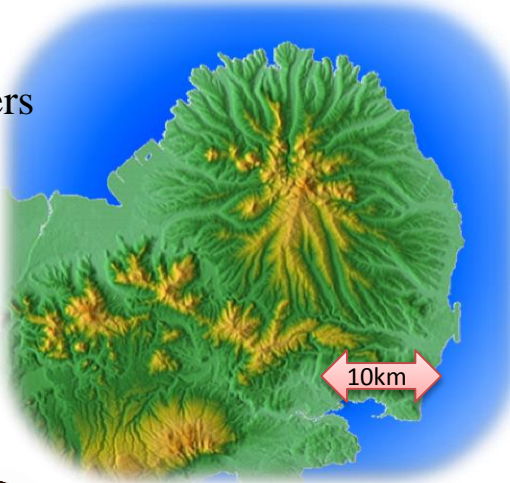
The monitoring by the expert was important to make Kunisaki Peninsula Usa Globally Important Agricultural Heritage Systems' action plan a more effective plan

3rd Conference of ERAHS
Guemsan County,
Chungcheongnam-do Province, Korea
13 -16 June 2016

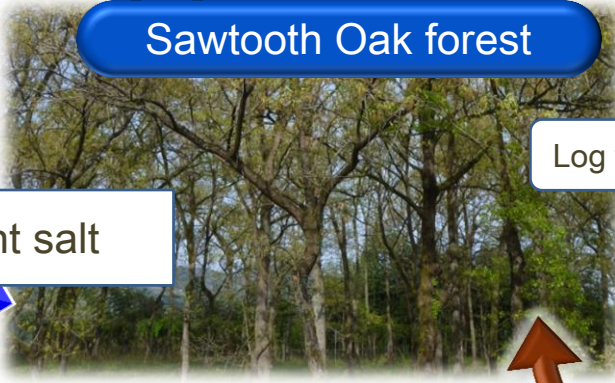
Hiroaki HAYASHI
Chairman of council for the promotion of Globally Important Agricultural
Heritage Systems in Kunisaki Peninsula Usa Area

Characteristics of Kunisaki GIAHS

- ◆Geographical: Round peninsula with highly porous volcanic soil and steep rivers
- ◆Climatic: Warm temperate and low rainfall in the winter season
- ◆Historical: Fusing Shinto and Buddhist philosophies flourished
- ◆Landscape: Paddy fields, Irrigation ponds and Sawtooth Oak forests
- ◆Products: Shiitake mushroom, Shichitoui, Rice etc.
- ◆Biodiversity: Sustainable coexistence between people and nature



Sawtooth Oak forest



Log wood

Bright “Hoda-ba” in broad leaf forests with inoculated wood logs



Discarded logs in log wood cultivated Shiitake

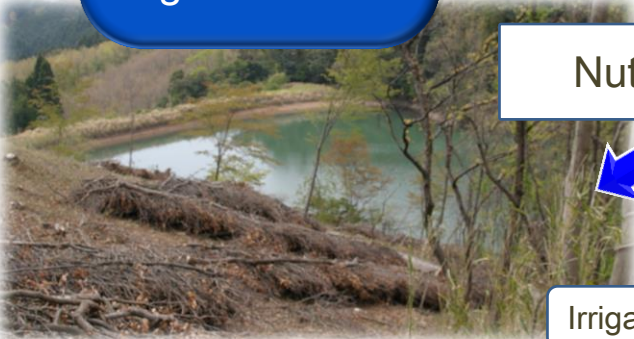


Log wood cultivated Shiitake



Important folk culture asset-nationally designated (Syujo-onie)

Irrigation Ponds



Nutrient salt

Irrigation

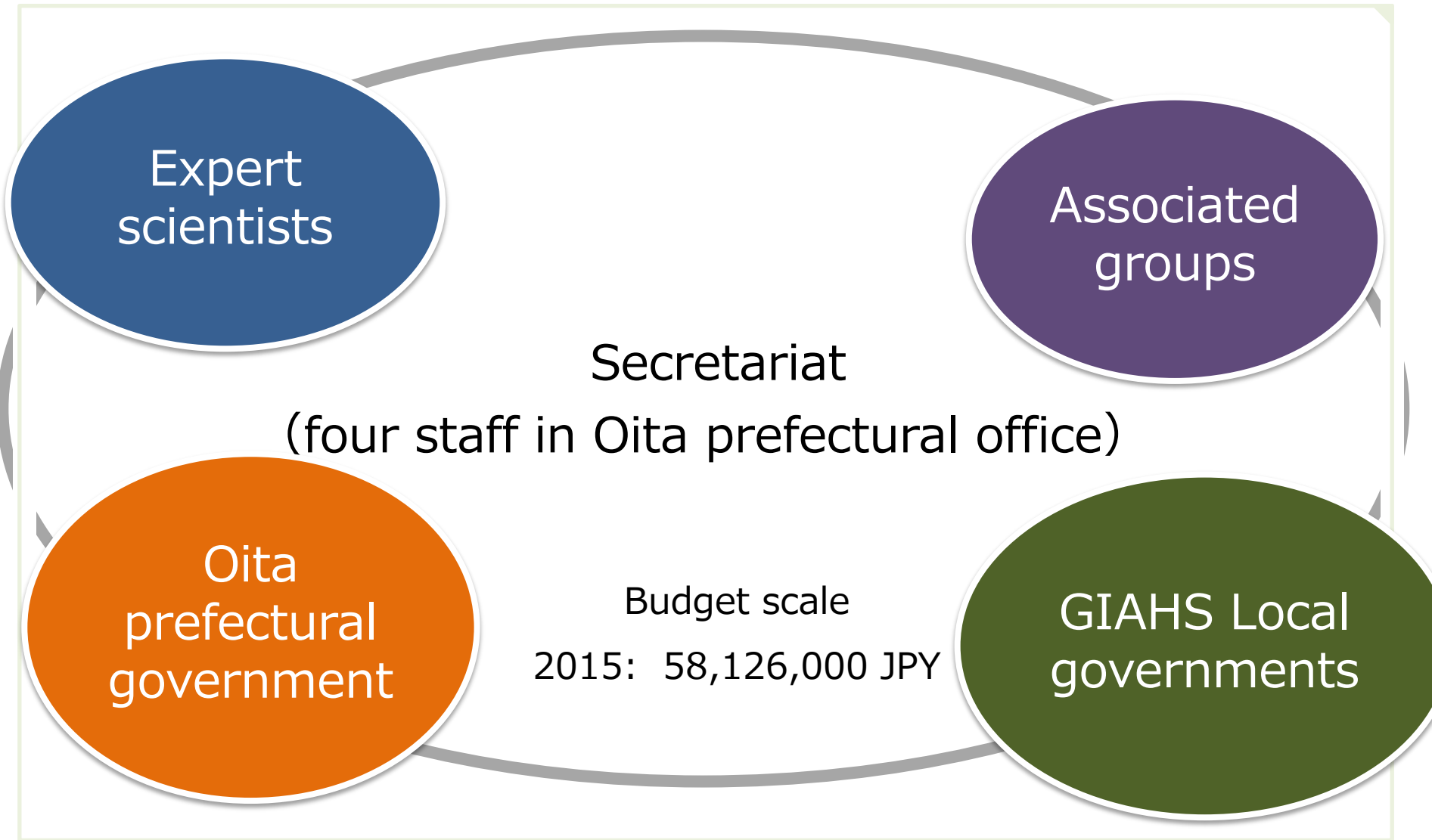


Agricultural landscape of “Tashibunosho” as a living museum (Middle age manor)

Coppicing of Sawtooth Oaks makes rich forests and rich products.



Council for the promotion of Kunisaki Peninsula Usa GIAHS



Financial status in our GIAHS (2015)

Japanese Government Subsidy

Kunisaki-Usa GIAHS Fund
(Five financial institutions in
Oita and Oita Pref. Gov.)
Total capital: 50 million US \$

Council for the promotion of
Kunisaki GIAHS
(4 city, 1 town, 1 village and
Oita Pref. Gov.)

**0.43
million
US \$/y**

**Increasing supports
from the eco-friendly companies**

Expected Social and Ecological Benefits of the GIAHS

1. Feasibility of managing traditional cultural capital in the region
 - ① Efforts to manage Sawtooth Oak forests and irrigation ponds sustainably
 - ② Continuous system of managing associated agricultural systems into the future
 - ③ Revitalization of agricultural practices and ecosystem maintenance
2. More interaction between urban and rural units
 - ① Increase in the potential of green tourism
 - ② Understanding about rural life and increase in returnee migrants
3. Strengthening local branding
 - ① Dried log wood cultivated Shiitake into global identity
 - ② Revitalization of farmers, foresters and fishermen through a new industrialization

**Promoting interaction with other GIAHS sites
and researchers**

→ Further activation of this area

Action Plan

GIAHS: Kunisaki Peninsula Usa integrated forestry, agriculture and fisheries system



To pass traditional agriculture down to future generations



Regional revitalization by using GIAHS brand



To pass traditional agriculture down to future generations

Breeding of confidence and pride for the local community

Increase agricultural leaders resources development and build system of stable production

Maintenance of local environment for biological diversity

Conservation of local culture connected with agriculture



a



b



c



d



Posterity education in Kunisaki Peninsula Usa area

a: Teaching materials for primary school children. English version will be also used for visitors from foreign countries. b: Class scenery at the junior high school. c: Presentation at the junior high school Summit. d: Direct dialogue of a farmer and high school students



Training program of the traditional industry engineer (for Shichitoui tatami industry)

Exchange programs for female farmers between Kunisaki Peninsula Usa and Aso GIAHS



Wild animal damage control



Damaged Sawtooth Oak stump



Growth density investigation



Sprouts protected by a simple net from deer feeding damage

Supporting the community support project and the culture succession support project



どぶろく祭り／醸造用樽を購



御田植祭(奈多宮)／牛（顔部分）を新調



Hazetori Uta

Regional revitalization by using GIAHS brand

Promoting branding of local products

Expansion of urban-rural personnel exchanges

Promoting activities for local revitalization

Sending the local information both in and outside Japan



Promoting GIAHS branding of local products



Shichitoui



Rice



Emblem of Kunisaki Peninsula Usa GIAHS brands for dried log wood cultivated Shiitake-mushroom
Symbol mark shows Sawtooth Oak forest (dark green), irrigation pond (light blue) and terraced paddy field (yellowish green and yellow) b: Packed dried Shiitake mushroom with emblem

Voluntary regional activation



Photo by K Yamamoto



GIAHS monitoring in Kunisaki Peninsula Usa area by the expert meeting

a: Presentation of self-evaluation of the action plan by the Council. b: Field survey at a irrigation pond. c: Direct dialogue with stakeholders and expert meeting members at Shichitoui Museum. d: Final meeting by the member which discussed the implementation of the action plan and advised to our council, by public open hearing



Results of monitoring by the expert meeting (1)

Comprehensive advice items

- 1:** Investigate more scientifically about Kunisaki GIAHS's circulation of water and nutrients from Sawtooth Oak tree forests to Seto inland sea based on the agriculture, forestry and fisheries
- 2:** Activate regional economy by developing rural tourisms based on a daily production activity of the unique agriculture, forestry and fisheries
- 3:** Bring up strong leaders who can contribute to the development of the GIAHS area through well-organized education systems which already established in this area;
- 4:** Twin with other GIAHS site in neighboring countries, just like with Aso GIAHS site where good interchange has already begun;
- 5:** Control wild animal damage and bamboo invasion based on scientific evidences and reevaluate flesh of wild animals hunted and bamboo trees as resources to restore Satoyama functions.

Results of monitoring by the expert meeting (2)

Advice items based on authorized standard for GIAHS application

1(Food and Livelihood Security): Evaluate the branding using "Regional Organization' Trademark System" for dried log wood cultivated Shiitake and Shichitoui products and recommend the rural tourism based on a new idea using more local resources.

2(Biodiversity and Ecosystem Functions): Evaluate enlightenment activity for the conservation of GIAHS and biodiversity, and recommend more scientific researches and more successful measures for controlling wild animal damage.

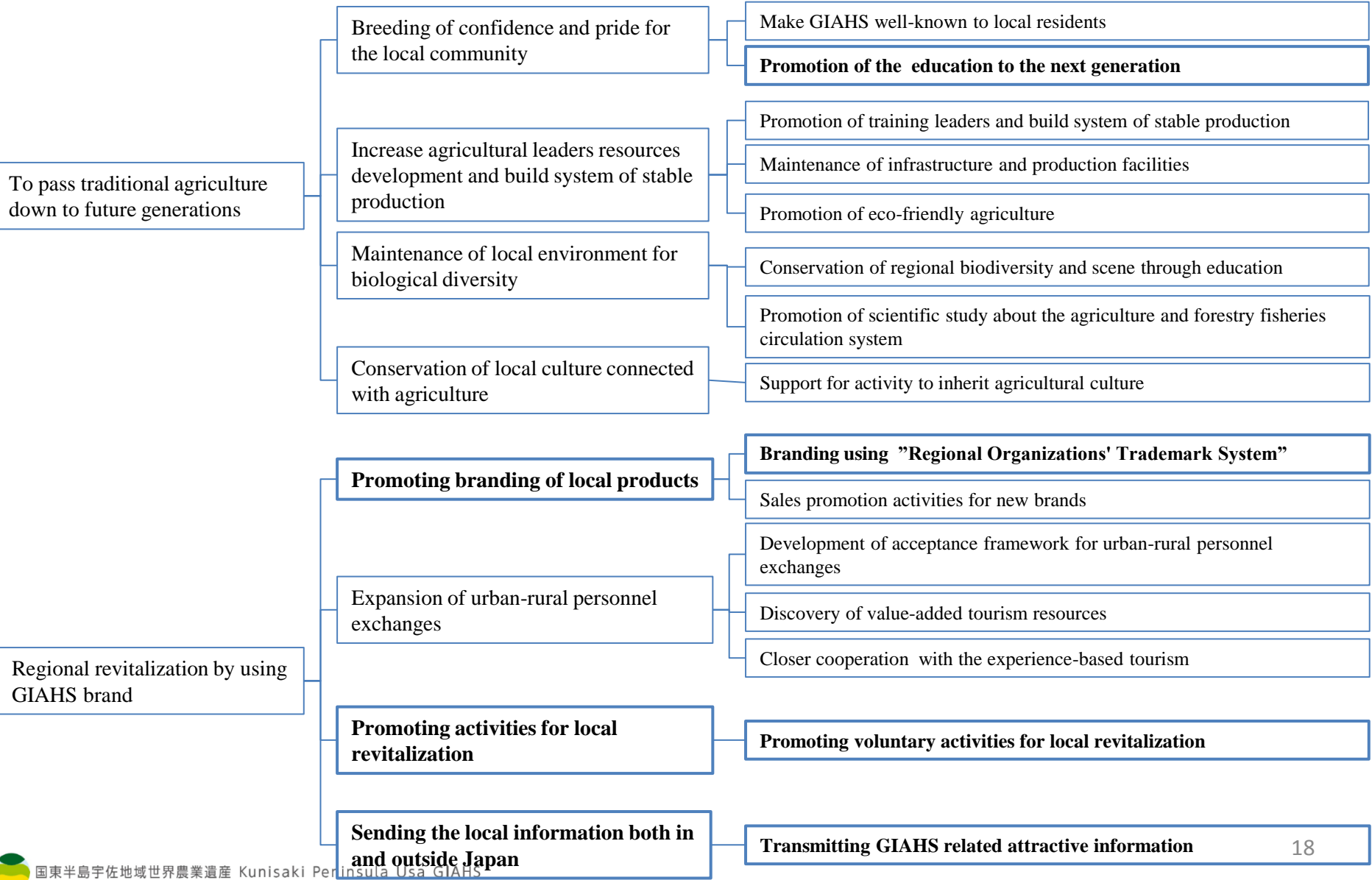
3(Knowledge Systems and Adapted Techniques): Eliminate a labor shortage for keeping social activity and social infrastructure, such as irrigation ponds and paddy fields.

4(Culture, Values and Social Structures): Appreciate that many folk entertainments and traditional local cooking are succeeded by the local inhabitants who are activated by GIAHS authorization.

5(Remarkable Landscape and Water Resource Management Features): Appreciate that Satoyama scene is kept in good condition, especially in Tashibunosyo, where small river, paddy fields, farmer's house, forests and mountain range are in one unit.

Kunisaki Peninsula Usa GIAHS Action Plan (Revised 2015)

Items written in bold-face are added to the original action plan as an important plan.



More effective action plan

GIAHS: Kunisaki Peninsula Usa integrated forestry, agriculture and fisheries system



To pass traditional agriculture down to future generations



Regional revitalization by using GIAHS brand



No.1 Shiitake farmer
(Kunisaki City)



Inspection tour from
Korea



Revival and restoration of
traditional Shichitoui industry
(Kitsuki City)

