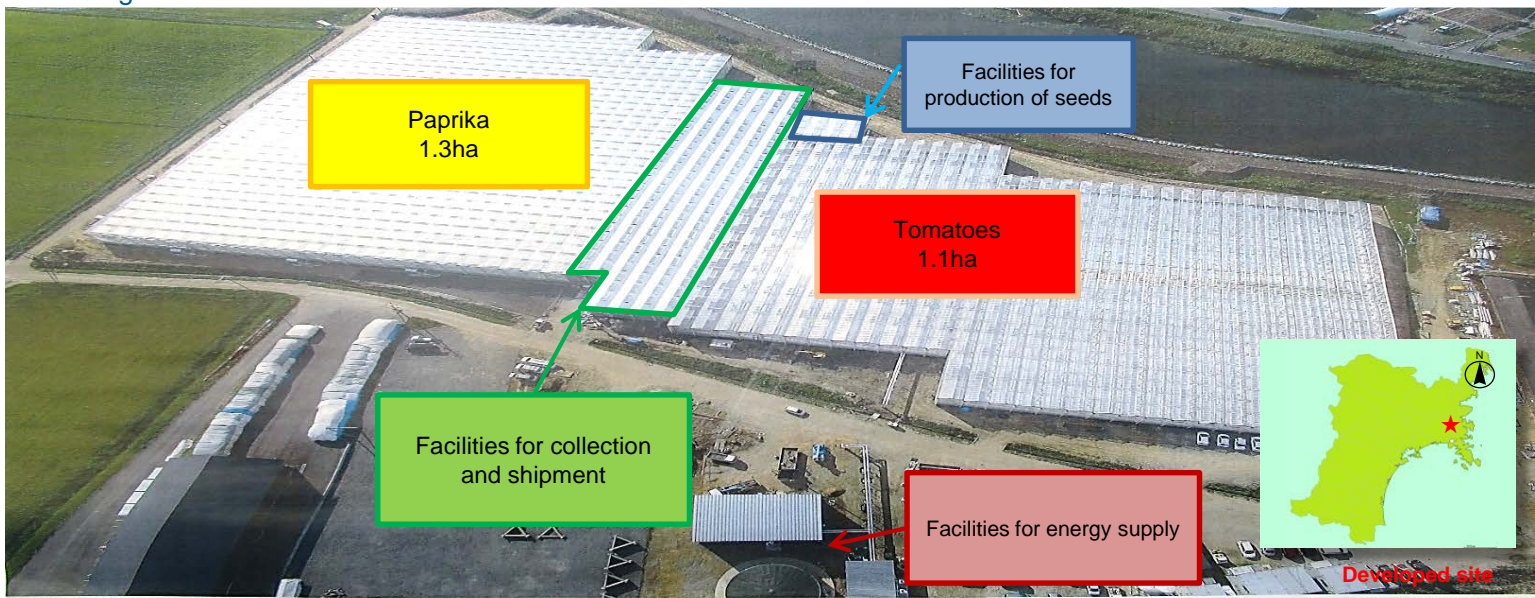
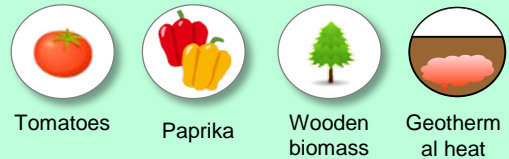


Miyagi Prefecture (Ishinomaki City)

- Accelerate of re-establish farming with the Next-Generation of Greenhouse.
- To introduce advanced cultivation techniques of the Netherland and applies local energy source such as woody biomass and ground thermal.



Names of consortium and its members		
Name	Consortium of the Next-Generation type of Greenhouse Horticulture in Ishinomaki	
Members	Miyagi Prefecture / Ishinomaki City / De Liefde KITAKAMI Co.,Ltd. / Richfield Co.,Ltd. / DELICA FOODS HOLDINGS CO., LTD./ Ishinomaki seika Co., Ltd. / Mirai-saien.Co., Ltd./ JA Ishinomaki	
Crops	Area	Yield (goal)
Tomatoes	1.1ha	370t (34t/10a)
Paprika	1.3ha	260t (20t/10a)
Category	Overview of project	
Facilities at base	(1) greenhouse (2) facilities for wooden biomass and supply of geothermal heat, (3) facilities for seed production (4) facilities for collection and shipment	
Technological demonstration	Demonstration of cooling and warming by means of woody biomass and geothermal heat pump, application of CO2 using LPG and other technologies	
Other programs	Establishment of regional brands for new products, etc.	

Saitama Prefecture (Kuki City)



Tomatoes



Wooden biomass

- To Aim at harvest unit crop 30 tons per 10a with a method for low height ,high density cultivation of tomato.
- Large scale introducing on "a system of integrated environmental control" with the ICT(information and communication technology).



Saitama Prefecture's mascots
"Kobaton" & "Saitamacchi"



Facilities for collection and shipment

Approx. 30a x 3 buildings

Approx. 30a x 4 buildings

Approx. 30a x 4 buildings



Within the Kuki Experimental Laboratory of the Saitama Prefectural Agricultural Technology Research Center



Developed site



Low-stage, high-density planting



Cut in fossil fuel (wooden pellets)



Sale at mass merchandise stores

Names of consortium and its members

Name	Consortium of the Next-Generation type of Greenhouse Horticulture in Saitama
Members	Saitama Prefecture / Kuki City / Aeon Agri Create Co., Ltd. / Aeon Retail Co., Ltd. /Saitama Prefecture Headquarters National Federation of Agricultural Cooperative Associations / Saitama Next-Generation Greenhouse Horticulture Tomato Study Group

Crops	Area	Yield (goal)
Tomatoes	3.3ha	990t (30t/10a)

Category	Overview of project
Facilities at base	(1) greenhouses, (2) wooden biomass boiler, (3) facilities for production of seedling, (4) facilities for collection and shipment Technological demonstrations
Technological demonstration	Introduction of an integrated environmental control system into low-stage, high-density planting to cut production cost, and implementation of large-scale demonstration tests utilizing ICT.
Other programs	Popularization and education of planting technology making full use of integrated environmental control technology, etc., and others.

Shizuoka Prefecture (Oyama Town)

- Using geographical advantages such as abundant biomass,sunlight,transportation infrastructure, to product high sugar content tomatoes by year-round cultivate and to create year-round employment.
- To improve productivity by environmental control system using ICT and promote branding by formulating marketing strategy.



Names of consortium and its members

Name	Consortium of the Next-Generation type of Greenhouse Horticulture in Fujiyama
Members	SUNFARM FUJIOYAMA Co.,Ltd. / SEIWA Co.,Ltd. / NEPON Inc. / FUJISOGYO Co.,Ltd. / Shizutetsu store Co.,Ltd. / Tokyo Seika Co., Ltd. / JA Shizuoka Keizairen Co., Ltd. / JA Oigawa / University of Shizuoka / Shizuoka Prefectural Research Institute of Agriculture and Forestry / Shizuoka Prefecture Government / Shizuoka Tobu Regional Office of Agriculture and Forestry / Oyama Town Office

Crops	Area	Yield (goal)
High-sugar tomatoes	3.2ha	225t (7.0t/10a)
High-sugar cherry tomatoes	0.8ha	24t (3.0t/10a)

Category	Overview of project
Facilities at base	(1) greenhouses, (2) wooden biomass boiler, (3) facilities for production of seedlings, (4) facilities for collection and shipment
Technological demonstration	(Production cost cutting) Establishment of hybrid technology in combination with fuel oil to maximize the use of wooden biomass (ICT, advanced environmental control) Establishment of technology to maximize photosynthesis and increase profitability. Studies on streamlining of production and labor management by ICT
Other programs	Formulation of marketing strategy by prefectural university and users



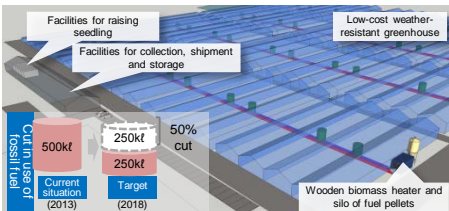
Tomatoes



Cherry tomatoes



Wooden biomass



Demonstration of hybrid warming based on wooden biomass and fuel oil



Low-stage, high-density planting



Factory of wooden pellets



High-sugar tomatoes

Toyama Prefecture (Toyama City)



Tomatoes



Flowers



Fuel recovered from waste

- Utilizing waste power generation and waste heat supplied steadily.
- Introducing large-scale Greenhouse farming as a model in rice specialized cultivation area.



Names of consortium and its members

Name	Consortium of the Next-Generation type of Greenhouse Horticulture in Toyama
Members	Toyama Kankyo Seibi Co.,Ltd. / Japan Agricultural Cooperatives Aoba /Agricultural union corporation Wagouen / Smart Forest Co.,Ltd. / NTT DATA INSTITUTE OF MANAGEMENT CONSULTING,Inc / ATGREEN Co.,Ltd / Toyama Prefecture / Toyama Agriculture and Forestry Promotion Center / Toyama City

Crops	Area	Yield (goal)
Fruit tomatoes	2.9ha	505t (17.7t/10a)
Flowers (showy prairie gentian, etc.)	1.2ha	1.43million

Category	Overview of project
Facilities at base	(1) greenhouse (2) heat and electricity cogeneration system from boiler equipped with power source using fuel via waste (3) facilities for production of seedlings
Technological demonstration	(1) Demonstration to introduce an advanced environmental control system utilizing ICT (2) Demonstration of wearable devices, etc. to share knowledge processed into data
Other programs	(1) Development of new sales routes (including exports) (2) Study sessions for cultivation technology (creation of regional jobs and nurturing of human resources) (3) Grasping needs among consumers and users