	Urgent Short-term Medium-term Long-term	1					
Ensuring Safety	The prompt removal of rubble environment Systematic promotion concerning						
	Complete intensification of radiation dose measuring and other monitoring systems as well as the intensification of safety measures						
	Deciding a plan for Multi-preventative Community Planning Implementation of Multi-preventative Community Planning						
En	Emphasis on establishing reconstruction roads (Main road networks) Implementation of road reconstruction (Main road networks)						
	Prompt construction of temporary housing Official provision of public housing for disasters						
	 Practical use of open public housing Rent subsidies for public housing The creation of hybrid housing complexes with refuge facilities and local communities taken into consideration The construction of facilities to enable people such as the elderly to live comfortably 						
Rebuilding Lives	Financial support for the reconstruction and reparations of disaster buildings Provision of new housing as well as land for residential use						
ling	Holding business trip labour discussion meetings						
oliuc	 Job Creation Job training expansion for reemployment Implementation of job training for the education of workforces for new industries 						
Kel	 Establishment of temporty medical areas (meluding pharmacies) Bestablishment of core hospital functions Weestablishment of core hospital functions Support for the restoration of health Establishment support for medical services (establishment connecting with community planning such as moving to higher ground, reinforcement of functions for disaster) Reconstruction of healthcare including remote medical care, and social welfare network Reconstruction of all kinds of welfare service programme sponsoring 						
	care providers Restoration and establishment of school facilities among others						
	Implementation of the "Iwate Education Reconstruction" for the emotional support of young students						
	The bulk purchase of fishery cooperative boats and other means of production, and support for a cooperative utilization system Ensuring there is someone in charge of the training for the use of the cooperative system and industry, and support for the training						
	Reopening a central fishing market Support for the establishment and new management of high-level sanitary and freshness care						
Industries	Support for the establishment and recovery of use of cold storage and processing facilitiesConstruction of distribution and manufacturing system to implement high productivity and value by accumulation of manufacturing facilities and cooperative enterprisesCompletion of financing subsidy systemConstruction of distribution and manufacturing facilities and cooperative enterprises						
	Emergency recovery of fishing harbors and coastal facilities Restoration and establishment depending on the necessary functions of ship safety and catching of fish						
Kebooting	Reconstruction support fund and other support for the two-layer debt cancellation scheme						
Keb	New financing support for establishment of industry regenerating support Continuous support for Continuous support for						
	the stabilization of administration both administration both						
	Finance and assistance support Completion of administrative systematically districts connecting with new community planning						

For opinions and inquiries concerning the Basic Reconstruction Plan, please use following the contact details.



Iwate Prefecture Great East Japan Earthquake and Tsunami Reconstruction Plan Basic Reconstruction Plan<Outline>

~To Protect Life, To Live Together with the Sea and Land, and To Create a Homeland Iwate and Sanriku~

Many precious lives and property were taken by the magnitude 9.0 earthquake that shook eastern Japan and the horrific tsunami that followed. In order to overcome the pain and sadness of the natural disaster and return to a society where we can live and work safely, and under the determination that we must bring an end to tsunami that claim lives, all of Iwate starting with the coastal areas will establish plans using scientific and technical expertise that will act as the area's future blueprint, where it will overcome the Great East Japan Earthquake and Tsunami and make a robust recovery and reconstruction.

This outline describes the Basic Reconstruction Plan established by the prefecture in an easy-to-follow format. The plan includes the goal of the region, guiding principles, community planning ground design, and specific reconstruction efforts.

Damage Status

Many precious lives and property were taken (Fig. 1) and many survivors have no choice but to live in shelters (Fig. 2) due to the Great East Japan Earthquake and Tsunami that struck the Sanriku-oki fault on March 11.

Fig. 1 Outline of the Earthquake and Tsunami				nage Status	XAs of July 25, 2011	
		Miyagi-oki Fault Aftershock	Da	amage Classification	Damage	Reference
Subject	Great East Japan Earthquake		Human	Deaths	4,611	
Time of quake	March 11, 2011(Fri)14:46	April 7, 2011(Thu)23:32	Damages	Missing	2,081	
Epicenter	Sanriku-oki Fault	Miyagi-oki Fault		Injured	186	Some places without numbers
Hypocenter	24km	66km	Total		6,878	
Depth	27811	OOKIII	House	Completely/partially destroyed	29,544	
Scale	Moment Magnitude 9.0	Magnitude 7.1(prelim.)	Damages	completely/partially destroyed	buildings	
Places of	6(weak): Ofunato, Kamaishi,	6(weak): Ofunato, Kamaishi,		Agriculture	¥58.9billion	
Highest	Takizawa, Yahaba, Hanamaki,	Yahaba, Ichinoseki, Hiraizumi,		Forestry	¥25.0billion	
Intensity	Ichinoseki, Oshu, Fujisawa	Oshu	Industry	Fishing/fisheries	¥358.7billion	
	Miyako over 8.5 m		Damages	Industrial (manufacturing)	¥89.0billion	
IEabaat	(March 11 15:26) Kamaishi over 4.1 m			Commerce (retail/whole)	¥44.5billion	Does not include estimates of
Highest Tsunami	(March 11 15:21)	_		Tourism (Hotels/inns)	¥32.6billion	earthquake damages
Wayes	Ofunato over 8.0 m		Total		¥608.7billion	
in ares	(March 11 15:18)			Discourse of a set of a set of a set of a	¥172.3billion	
	Kuji Port 8.6 m (Estimate)		Public Works	Rivers, coasts, and roads		
Source: Iwate P	Source: Iwate Prefecture Disaster Countermeasures Headquarters			City and park facilities	¥40.5billion	
			Damages	Ports and related facilities	¥44.5billion	
			Total		¥257.3billion	

Plan Construction and Period

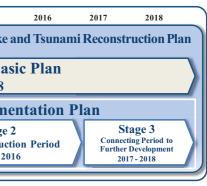
Plan target : All of Iwate Prefecture Plan Period : An 8 year period from 2011 to 2018 Plan Construction : Designed in the Reconstruction Basic Plan and Reconstruction Implementation Plan

	0				
Reconstruction Basic Plan	Makes clear the goal of the region, guidi				
Reconstruction mplementation Plan	Makes clear the and separates t		1 0		
2011 20	012 2013	2014	2015		
Iwate Prete	ecture Great Ea	econstru	iction Ba		
		econstru			
	R	econstru	iction Ba		
Basic Reco	R	econstru 2(struction	iction Ba		

Source : Iwate Prefecture Disaster Countermeasures Headquarters

ling principles, and specific reconstruction efforts

for reconstruction and the progress schedule, ifferent time periods



Coast levees, sea walls, off shore every and breakwaters should be built to withstand tsunami for a hundred and some years. Multi-Pree Along with multi-preven	n of Tsunami Countermeasures mmunity planning and to create and pass on a culture more lives will be lost. i Countermeasure Approaches Community Planning isaster-preventative unity planning ordinated with (1) creating a safe ying environment through resident measure as a safe ing environment through resident measure planning with consideration for tsunami damage prevention. Establish an accessible and time-saving evacuation plan so that everyone may reach shelter easily and safely. Create a culture of disaster prevention by passing on the experiences and lessons of the disaster. wentative Community Planning	"community effectively method class community In order design for r we sort re land-usage. patterns su	plannin combine sification planning to have to reference gions by Then itable for	g vision", and (1) tsunami da and (2) tools for r the municipalities in their reconstr the degree of we demonstrat	esign includes a examines how to image prevention nulti-preventative s use this ground uction plans, first damage and by we reconstruction degree of damage	Communit Evacuation building Solar power generation Memorial (Disaster) park Move to Higher ground Agricultur Residential arca
isaster prevention, so that no Tsunam Coastal Protection Facilities Coast levees, sea walls, off shore levees and breakwaters should be built to withstand tsunami for a hundred and some years. Multi-Pree Along with multi-preven	 more lives will be lost. i Countermeasure Approaches Community Planning isaster-preventative unity planning oordinated with (1) creating a safe ving environment through resident insensus, and (2) land-use planning with consideration for tsunami damage prevention. Establish an accessible and time-saving evacuation plan so that everyone may reach shelter easily and safely. Create a culture of disaster prevention by passing on the experiences and lessons of the disaster. 	"community effectively method class community In order design for r we sort re land-usage. patterns su	plannin combine sification planning to have to reference gions by Then itable for	g vision", and (1) tsunami da and (2) tools for n the municipalities in their reconstr the degree of we demonstrate each and every	examines how to image prevention nulti-preventative s use this ground uction plans, first damage and by the reconstruction degree of damage	Solar power generation Memorial (Disaster) park Move to Higher ground Agricultur
					models.	Elevated roads Elevated railway
disasters and ensures the	tative community planning, this principle plans a transportat safety of our residents so that no more lives will be lost to tsunan		strong a	gainst natural		Busines
Preventative Community Planning	reduces natural disaster damages to a minimum, and promotes prevent regions that protect lives and livelihoods in any situation. It also prom	ative planning notes new indep	of a safe a bendent con	and secure cities an nmunity planning b	d	
Transportation Network	natural disasters. It also promotes the creation of a transportation	network stron	g against	natural disasters b	والمجامع المجامع المجامع المجامع	
		Ensur	ing S	Safety		
nstruction of the community throu	igh reconstructing the medical, welfare, and nursing structures		SS	of regional systematic	l industry through support. Moreover,	constructing a production it plans the rejuvenation
along with distributing safe and hi	gh-quality housing and residential areas. Promote regional industry and general		ıstri	such as the	≪Fishing Industry≫	g of value to unique regi
		ed a liding		Fishing and Agricultural	and fisheries with fisher area markets in the infrastructure and coa community planning, a	eries cooperatives in the lead, lead. Also, promote the re stal protection facilities that and rebooting the fishing indu
care and support to children, and p Great East Japan Earthquake and T	romote a prefecture-wide education program that incorporates experiences from the Isunami. Also, in order to encourage a drive for living and deepen pride and love f	ne or	booting	Industries	Realize a high-outp coastal areas and comr that supports horticul	rry≫ ut, highly profitable agricultu nunity planning by promoting ture creation & agriculture, supporting the restoration and
stronger. Moreover, support measu feel secure in their lives. Also, coo	res that will invigorate community activities in the region in order for all residents operate with regional residents and NPOs that act as the "new public", and suppo	to		Commerce and Industry	region's economy, ar reconstruction of new	or the promotion and re-ope ad put a quick stop to eco shopping districts and indus
				Tourism	attractive tourist spo	I promote tourism facilities ts and tourist related indust te to the world that Iwate wil
	Preventative Community Planning Transportation Network Image: State of the	Preventative Community Planning Includes tsunami countermeasure approaches (coastal protection facilitie reduces natural disaster damages to a minimum, and promotes prevent regions that protect lives and livelihoods in any situation. It also prom residents, including regional history, culture, traditions, and residents' thot Network Transportation Network Creates a trustworthy road network that ensures reliable emergency natural disasters. It also promotes the creation of a transportation strengthening the function of seaports, airports, and railroads that support not the community through reconstructing the medical, welfare, and nursing structures mental & bodily health, and the support of regional community activities. A multi-purpose support system and consultation service will be set up for residential reconstruction and securemen along with distributing safe and high-quality housing and residential areas. Promote regional industry and general stable employment along with planning the emergency preservation and creation of jobs. Quickly restore function to affected medical institutions and social welfare facilities, implement finely tun healthcare, mental health services, and caring for children who need guardianship. Also, reconstruct long-term system that can distribute high-quality health, medical, and welfare services. Promote an environment of learning through cooperating with schools, families, and the community to give ment care and support to children, and promote a prefecture-wide education program that incorporate septences from the Great East Japan Earthquake and Tsunami. Also, in order to encourage a drive for living and deepen pride and love f the region, support the preservation and inheritance of cultural arts and traditional culture. Create an environment that enco	Preventative Community Planning Includes tsunami countermeasure approaches (coastal protection facilities, community preduces natural disaster damages to a minimum, and promotes preventative planning regions that protect lives and livelihoods in any situation. It also promotes new indepresidents, including regional history, culture, traditions, and residents' thoughts towards the residents, including regional history, culture, traditions, and residents' thoughts towards the natural disasters. It also promotes the creation of a transportation natural disasters. It also promotes the creation of a transportation network stron attend to facility health, and the support of regional community activities. Preventative provide a regional residents' lives through housing distribution and ensuring jobs. Moreover, natruction of the community through reconstructing the medical, welfare, and nursing structures mental & bodily health, and the support of regional community activities. Number of the community through reconstructing the medical, welfare, and nursing structures and by with distributing afe and high-quality housing and residential areas. Promote regional industry and generate stable employment along with planning the emergency preservation and creation of jobs. Number of planning the emergency preservation and welfare facilities, implement finely tuned healthcare, mental health services, and caring for children who need guardianship. Also, reconstruct a long-term system that can distribute high-quality housing and traditional culture. Promote an environment of learning through cooperating with schools, families, and the community to give mental care and support to children, and promote a prefecture-wide education program that incorporates experiences from the Great East Japa Earthquake and Thunami. Also, in order to encourage a drive for living and deepen pride and love for the region, su	Preventative Community Planning Includes tsunami countermeasure approaches (coastal protection facilities, community planning, and reduces natural disaster damages to a minimum, and promotes new independent con- residents, including regional history, culture, traditions, and residents' thoughts towards their hometor Creates a trustworthy road network that ensures reliable emergency transportation and altern natural disasters. It also promotes the creation of a transportation network strong against strengthening the function of seaports, airports, and railroads that support relief work and personne Enstruction of the community through reconstructing the medical, welfare, and nursing structures mental & bodily health, and the support of regional community activities. A multi-purpose support system and consultation service will be set up for residential areas. Promote regional industry and generate stable employment along with planning the emergency preservation and creation of jobs. Noreover, natural distributing and residential areas. Promote regional industry and generate stable employment along with planning the emergency preservation and creation of jobs. Quickly restore function to affected medical institutions and social welfare facilities, implement finely tured healthcare, mental health services, and caring for children who need guardianship. Also, reconstruct long-term system that can distribute high-quality health, medical, and welfare services. Promote an environment of learning through cooperating with schools, families, and the community to give mental care and support to children, and promote a prefecture-wide education program that incorporates experiences from the Great East Japan Earthquake and Sumami. Also, in order to encourage a drive for rigional colesion to become event stronger. Moreover, support measures that will invigorate comm	Preventative Community Planning Includes tsunani countermeasure approaches (coastal protection facilities, community planning, and cultural measures reduces natural disaster damages to a minimum, and promotes preventative planning of a safe and secure cities an regions that protect lives and livelihoods in any situation. It also promotes new independent community planning be reduces natural disaster damages to a minimum, and promotes preventative planning of a safe and secure cities an regions that protect lives and livelihoods in any situation. It also promotes new independent community planning be reduces natural disasters. It also promotes the creation of a transportation network strong against natural disasters by strengthening the function of seaports, airports, and railroads that support relief work and personnel transportation. Creates a trustworthy road network that ensures reliable emergency transportation and alternate function of the community through neconstructing the medical, welfare, and nursing structures mental & bodily health, and the support of regional community activities. Along with of regional systematic systematic such as the dollay leader and high-quality housing and residential areconstruction and securement, along with distributing set and high-quality housing and residential area. Fighing and Agricultural Industries Quickly restore function to affected medical institutions and social welfare facilities, implement finely ture healthcare, mental health services, and caring for children who need guardianship. Also, reconstruct a care and support to children, and promote a prefecture-wide education program that incoorgates experiences from the creat East Japan Earthquake and Tsunami. Also, in order to encourage a drive for living and deepen pride and love for the region, support the preservation and inheritance of cultural arts and traditional cu	Preventative Community Planning Includes tsunami countermeasure approaches (coastal protection facilities, community planning, and cultural measure), reduces natural disaster damages to a minimum, and promotes preventative planning of a safe and secure cities and regions that protect lives and livelihoods in any situation. It also promotes new independent community planning by residents, including regional history, culture, traditions, and residents' thoughts towards their thometowns. Transportation Network Creates a trustworthy road network that ensures reliable emergency transportation and alternate functions during natural disasters. It also promotes the creation of a transportation network strong against natural disasters by strengthening the function of senorts, airports, and raidoad stat support to regional network strong against natural disasters by strengthening the function of senorts, airports, and raidoad stat support for segional community activities. A multi-purpose support system and consultation service will be set up for residential reconstruction and securement, stable employment along with planning the emergency preservation and occal welfare, and nursing structures stable employment along with planning the emergency preservation and creation of jobs. Fishing and Spring and Spring and spring and spring and spring and spring for children who need guardianship. Also, reconstruct a long-term system that can distribute high-quality health, and ho encourage a diver for living and decepen pride and love for the region, support the generation and interitance of cultural ans and traditional culture. Fishing and Spring and spring through cooperating with shools, families, and the community to give mental for the region, support the reservation and interitance of cultural and and traditional culture. Commerce an distribute high-quin

 Goal of the Plan
 To Protect Life, To Live Together with the Sea and Land, and To Create a Homeland Iwate and Sanriku

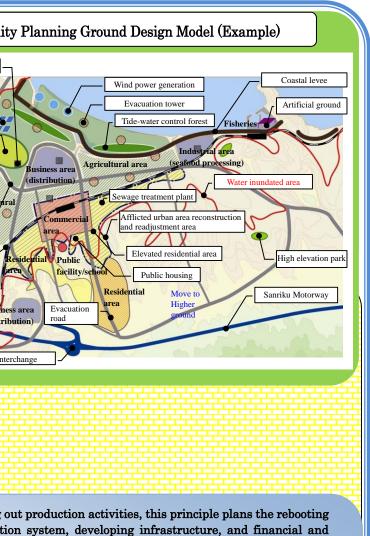
 • Reconstruction through preventative planning of safe and secure cities and regions based on tsunami countermeasure approaches that use scientific and technical expertise, and community planning ground design

 • Reconstruction through regional society planning where one's "homeland" remains a place where people can live their lives energetically and vivaciously

 • Reconstruction that is oriented closely on the survivors of the disaster, where industry and livelihoods are restored quickly and everyone can return to lives of human dignity once again

 • Reconstruction that uses the region's unique qualities like the various natural resources and latent potential of the Sanriku sea, and planning the restoration of the community while keeping in mind the region's proactive suggestions

• An Open Reconstruction through various participants and where the bonds grow wider between person to person and region to region



on of the regional economy through the support of measures gional products and services.

by supporting the integrated, simultaneous creation of aquaculture industry ad, and the creation of a distribution and processing structure with fishing restoration and creation of a fishing port/area/village environmental at include approaches towards regional disaster preventative measures, dustry.

Itural industry that includes approaches towards the unique character of ng the restoration and creation of an agricultural production infrastructure re, and coastal protection facilities. Also, reboot the regional timber nd creation of plywood factories and tide-water control forests.

pening of middle to small sized businesses that support the affected conomic shrinking. Support the restoration of industry through the lustry that makes use of the special character of the region.

es in the coastal areas that lost many of their tourism areas. Create ustries, and confirm Iwate's status as a tourism prefecture through will not succumb to this disaster and will fight on.

Sanriku Creation Project

The Sanriku Creation Project will be implemented as a leading project to realize the restoration and reconstruction of the Sanriku Coast. With a long-term vision that will represent the entire reconstruction, it aims towards the creation of a new Sanriku Coast that the world can be proud of.

 $<\!$ Involving and passing on to science and technical fields, and the next generation after the disaster >