

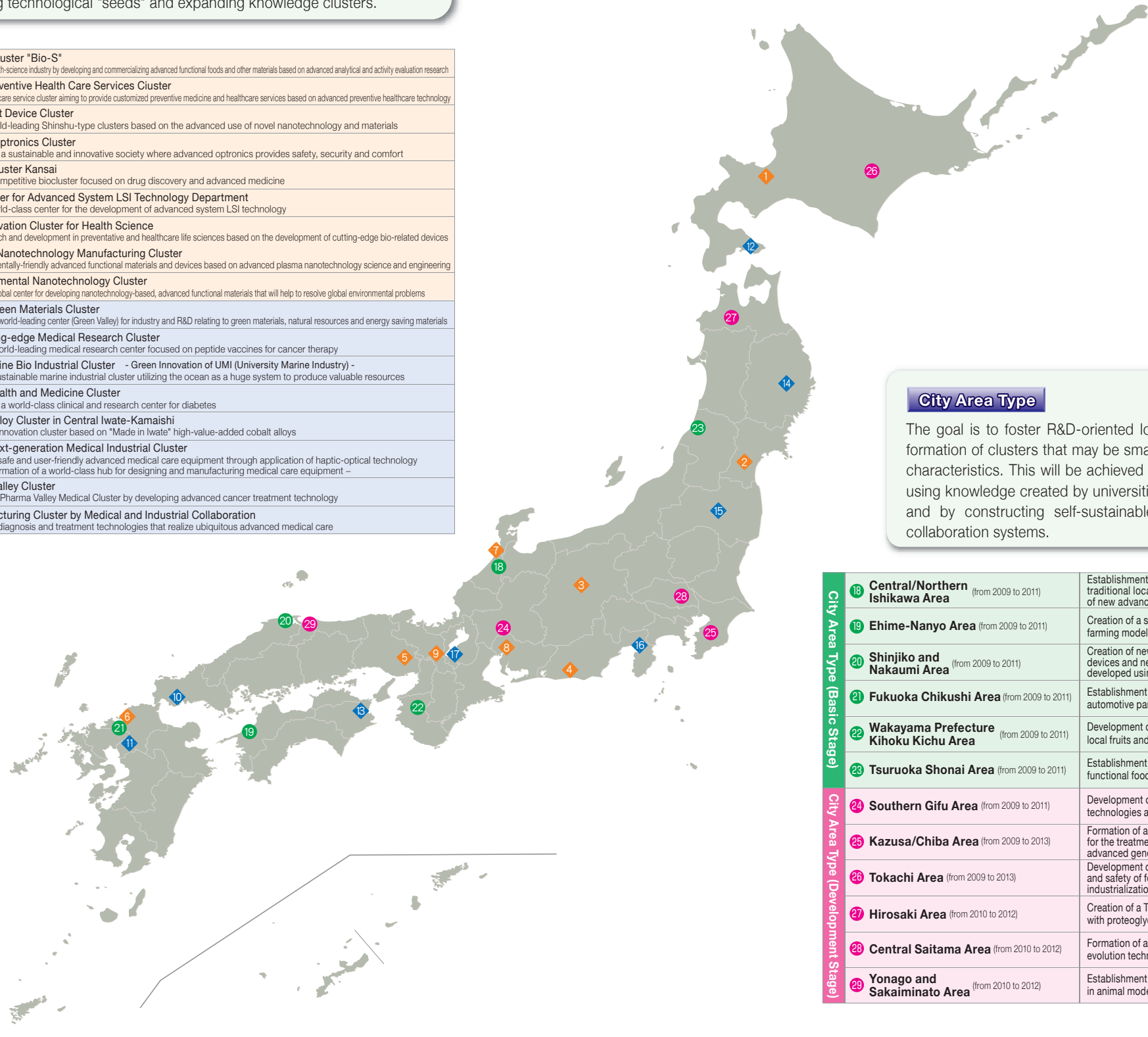
Toward the Sustainable Development of Regional Clusters

Global Type

The goal is to establish globally competitive, world-class clusters to attract human resources, technologies and funds from all over the world. This will be achieved by collaborating with other regions inside and outside Japan and strategically developing a wide range of activities, such as promoting integrated research and development activities by industry, academia and government, fostering technological "seeds" and expanding knowledge clusters.

Global Type (Second Stage)	1	Hokkaido Area (with Sapporo as the core) (from 2007 to 2011)	Sapporo Biocluster "Bio-S" Development of the health-science industry by developing and commercializing advanced functional foods and other materials based on advanced analytical and activity evaluation research
	2	Greater Sendai Area (from 2007 to 2011)	Advanced Preventive Health Care Services Cluster Formation of a Healthcare service cluster aiming to provide customized preventive medicine and healthcare services based on advanced preventive healthcare technology
	3	Nagano Prefecture Region (from 2007 to 2011)	Shinshu Smart Device Cluster Formation of world-leading Shinshu-type clusters based on the advanced use of novel nanotechnology and materials
	4	Hamamatsu (Shizuoka Prefecture) (from 2007 to 2011)	Hamamatsu Optronics Cluster Establishment of a sustainable and innovative society where advanced optronics provides safety, security and comfort
	5	KANSAI (Saito & Kobe) (from 2007 to 2011)	Biomedical Cluster Kansai Internationally competitive biocluster focused on drug discovery and advanced medicine
	6	Fukuoka Kitakyushu Iizuka (from 2007 to 2011)	Fukuoka Cluster for Advanced System LSI Technology Department Creation of a world-class center for the development of advanced system LSI technology
	7	Toyama/Ishikawa (from 2008 to 2012)	Hokuriku Innovation Cluster for Health Science A center for research and development in preventative and healthcare life sciences based on the development of cutting-edge bio-related devices
	8	Tokai Region (from 2008 to 2012)	Tokai Region Nanotechnology Manufacturing Cluster Creating environmentally-friendly advanced functional materials and devices based on advanced plasma nanotechnology science and engineering
	9	Kyoto and Keihanna (from 2008 to 2012)	Kyoto Environmental Nanotechnology Cluster Establishment of a global center for developing nanotechnology-based, advanced functional materials that will help to resolve global environmental problems
Global Type (Innovative Stage)	10	Yamaguchi (from 2009 to 2013)	Yamaguchi Green Materials Cluster Establishment of a world-leading center (Green Valley) for industry and R&D relating to green materials, natural resources and energy saving materials
	11	Kurume Region (from 2009 to 2013)	Kurume Cutting-edge Medical Research Cluster Formation of a world-leading medical research center focused on peptide vaccines for cancer therapy
	12	Hakodate Area (from 2009 to 2013)	Hakodate Marine Bio Industrial Cluster - Green Innovation of UMI (University Marine Industry) - Formation of a sustainable marine industrial cluster utilizing the ocean as a huge system to produce valuable resources
	13	Tokushima (from 2009 to 2013)	Tokushima Health and Medicine Cluster Establishment of a world-class clinical and research center for diabetes
	14	Central Iwate-Kamaishi Area (from 2010 to 2012)	New Cobalt Alloy Cluster in Central Iwate-Kamaishi Formation of an innovation cluster based on "Made in Iwate" high-value-added cobalt alloys
	15	Fukushima Area (from 2010 to 2012)	Fukushima Next-generation Medical Industrial Cluster Development of safe and user-friendly advanced medical care equipment through application of haptic-optical technology - Towards the formation of a world-class hub for designing and manufacturing medical care equipment -
	16	Foot of Mt. Fuji (from 2010 to 2012)	Fuji Pharma Valley Cluster Formation of the Pharma Valley Medical Cluster by developing advanced cancer treatment technology
	17	Southern of Lake Biwa (from 2010 to 2012)	Shiga Manufacturing Cluster by Medical and Industrial Collaboration Development of diagnosis and treatment technologies that realize ubiquitous advanced medical care

To the regions that have conducted activities for the establishment of clusters towards the continuous creation of innovations according to the Knowledge Cluster Initiative initiated by MEXT from Fiscal 2002, support will be provided until the end of the project to help carry on the Regional Innovation Strategy Support Program to achieve steady advancement of the results of past cluster forming activities and form self-sustainable clusters.



City Area Type

The goal is to foster R&D-oriented local businesses and promote the formation of clusters that may be small in scale but that maximize local characteristics. This will be achieved by creating technological "seeds" using knowledge created by universities and other research institutions and by constructing self-sustainable industry-academia-government collaboration systems.

City Area Type (Basic Stage)	18	Central/Northern Ishikawa Area (from 2009 to 2011)	Establishment of an advanced fermentation system based on traditional local fermented food products and the development of new advanced functional foods
	19	Ehime-Nanyo Area (from 2009 to 2011)	Creation of a sustainable Ehime-originated, Japanese-style fish farming model
	20	Shinjiko and Nakaumi Area (from 2009 to 2011)	Creation of new businesses based on next-generation light-emitting devices and new energy-related technologies that have been developed using environmentally-friendly materials
	21	Fukuoka Chikushi Area (from 2009 to 2011)	Establishment of a center for the development of advanced functional automotive parts utilizing nanostructure control materials
	22	Wakayama Prefecture Kihoku Kichu Area (from 2009 to 2011)	Development of new advanced functional foods and materials utilizing local fruits and original technologies
City Area Type (Development Stage)	23	Tsuruoka Shonai Area (from 2009 to 2011)	Establishment of an evaluation system and formation of an advanced functional foods industrial cluster utilizing local agricultural products
	24	Southern Gifu Area (from 2009 to 2011)	Development of advanced medical equipment utilizing manufacturing technologies and IT
	25	Kazusa/Chiba Area (from 2009 to 2013)	Formation of an industry-academia-government collaboration cluster for the treatment of immunological and allergic diseases based on advanced genome analysis
	26	Tokachi Area (from 2009 to 2013)	Development of advanced technologies related to the functionality and safety of food and formation of an agri-/bio-cluster through their industrialization
	27	Hirosaki Area (from 2010 to 2012)	Creation of a Tsugaru health- and beauty-related industrial cluster with proteoglycans being the core
	28	Central Saitama Area (from 2010 to 2012)	Formation of a bio-manufacturing cluster with high-speed molecular evolution technology as a core
	29	Yonago and Sakaiminato Area (from 2010 to 2012)	Establishment of a chromosome engineering research center involved in animal models for evaluation of drug and food functions