

AIF2011 Urgent Proposal

East Japan's National Revival Plan: Creating a Project that Will Impress the World: Japan's Revival under the Unified Efforts of East Japan

Quantum Leaps Corporation

On September 20~21, 2011, Quantum Leaps Corporation hosted the Asia Innovation Forum under the theme, "Japan at the Brink: Choices for the Next Generation." New businesses were proposed with the aim to enhance Japan's competitiveness and contribute to disaster recovery.

Attracting Overseas Investments through Dynamic Projects

To realize disaster recovery and reconstruction, and to enhance Japan's competitiveness in the 21st century, two initiatives are necessary: one that involves a "unified East Japan" including Tokyo, and another that "bridges Japan and Asia" and brings in foreign economic resources.

For example, Tokyo can work with disaster-stricken areas and make a bid for the "East Japan Olympics." This will have positive economic impact as well as help restore Japan's brand image as a safe country. In addition, using Japanese technology as a springboard, Tokyo can build the world's leading smart eco-city in the Tokyo bay area, a world renown resort and casino complex and other appealing projects to attract investments from Asia and other overseas countries, which will contribute to disaster recovery efforts and Japan's economic revival.

At Asia Innovation Forum, we propose two business plans and a way to lay the groundwork to achieve the above.



Plan 1: Developing the World's Most Advanced City in the Tokyo Bay Area: Tokyo Bay Active E⁴ City Plan

Our plan calls for the development of the Tokyo Bay area into the world's most advanced smart city. It will use cutting-edge IT technologies and involve a number of promising projects, including the construction of new entertainment facilities, F1-style electric car racing, and an industry-academic open innovation center, which will be linked with satellite facilities in three Tohoku prefectures. Rules will be put in place that specify that at least 50% of casino and resort profits must be used toward recovery efforts in the Tohoku region for 10 years.

*E⁴: Energy, Entertainment, Education, Entrepreneur

Plan 2: Tohoku Sky Village – Creating a safe and appealing regional community that co-exists with nature

In low-lying Tohoku coastal areas, this plan calls for the construction of “Sky Village,” a cluster of man-made islands that will form a nature-friendly compact city, as well as the development of a system that nurtures unique regional industries.

Laying the Groundwork: Establishment of a Basic Law & Creation of a National Fund

To realize the above plans, we propose laying the groundwork in terms of capital and government-initiated legislation.

- Establishment of a Basic Law regarding Disaster Recovery and Revitalization: Regulations on Special Economic Zones, Act on Special Measures Concerning Urban Regeneration, etc.
- Creation of a National Fund: In addition to existing policy finance, our proposal is to newly establish a national “Japan Sovereign Wealth Fund” and create a structure that will match it with overseas wealth funds in Asia to finance the project.

<<Supporters>>

(in alphabetical order, as of October 28, 2011)

Gen Isayama, Partner, DCM

Atsuki Ishida, CEO, Member of the Board, FreeBit Co., Ltd

Toshiro Kawamura, President & CEO Collabo Business Consulting

Kiyoshi Kurokawa, Academic Fellow, National Graduate Institute for Policy Studies; Chairman, Health and Global Policy Institute; Chair and Founder, IMPACT Japan

Ken Kusunoki, Professor, Hitotsubashi University, Graduate School of International Corporate Strategy

Keiichiro Sako, Architect; Founding Principal, SAKO Architects

Hideya Sugio, Vice President of the TBS News

Hisashi Tateishi, CEO, Next Capital Partners Co., Ltd

Mamoru Taniya, Founding Partner, Chief Executive Officer, Asuka Asset Management

Kazumasa Yoshida, Representative Director and President, Intel K.K.; Vice President, Sales and Marketing Group, Intel Corporation

Shiro Wakui, Professor, Tokyo City University

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【Attachments】

1. Details of “Plan 1:Developing the World’s Most Advanced City in the Tokyo Bay Area: Tokyo Bay Active E⁴City Plan”
2. Details of “Plan 2:Tohoku Sky Village – Creating a safe and appealing regional community that co-exists with nature”
3. Details of “Laying the Groundwork: Establishment of a Basic Law & Creation of a National Fund”

【Attachment 1】

Plan 1: Developing the World's Most Advanced City in the Tokyo Bay Area: Tokyo Bay Active E⁴ City Plan

To develop the Tokyo Bay area into **the world's most advanced smart city / eco-city with cutting-edge IT technologies**, “Active E⁴ City,” we will launch a number of promising projects to attract foreign investment.

The plan has four pillars, described below, with the aim to increase the number of overseas tourists, create new jobs and spur the development of industry.

By directing profits from the Tokyo Bay development toward rebuilding the Tohoku region, East Japan will act as one in disaster recovery efforts. Methods and systems developed here will be applied nationwide to other regional development efforts. In addition, over the years, using expertise accumulated through building the world's most advanced smart city, we will strive to export related know how in systems development.

- **New energy plan (Energy)**
In addition to Tokyo Metropolitan's plans to build a natural gas power generation plant, we will strive for greater self sufficiency in electrical power distribution by using off-grid power generation and natural energy sources, such as wind power, solar power, hydro power and methane gas from garbage incinerators.
Modes of transportation within the development region will be eco buses, eco ports, electric cars and other ecological transportation means.
- **Active entertainment (Entertainment)**
In addition to existing facilities in the Tokyo Bay area, international entertainment content, such as Formula One eco-car races and casinos, will be used to attract a greater number of overseas tourists and make the bay area an enjoyable area for adults and children alike. Rules will be put in place that specify that at least 50% of casino profits must be used toward recovery efforts in the Tohoku region for 10 years.
- **Education and new human resources development (Education)**
We will build an innovation center that strives to bring forth bold new ideas that can be linked to business to create new values. Through this, we want to nurture human resources and the development of state-of-the-art technology in such areas as ecology and new energy.
- **Entrepreneurs and new industries (Entrepreneur)**
Through new energy development and active entertainment planning, we will strive to nurture entrepreneurs and new industries that will help make Tokyo the world's leading smart city.

【Attachment 2】

Plan 2: Tohoku Sky Village – Creating a safe and appealing regional community that co-exists with nature

In low-lying areas, such as Sendai Hirano where the earthquake resulted in extensive tsunami damage, we will build Sky Village, a cluster of man-made islands built on a foundation the size of Tokyo Dome set 20 meters above sea level. Numerous islands will be clustered together with the central island having such public facilities as a ward office, elementary and junior high schools, hospitals, etc. Each surrounding village will have its own residential island to make it **the world's first nature-friendly compact city**. With the plan, the following three will be realized.

- The construction of safe regional community facilities
Without moving to higher elevations, residents can safely live in their home towns. In addition, by making each region compact, all residents from the elderly to children alike will be able to interact more easily.
- Coexistence with nature: Living compactly with nature
Unlike the coast levees of the past that built “lines” to prevent disasters, systems that deflect water will allow “points” to prevent disasters. With this, coexistence with nature becomes possible.
- Unique regional industries
Space inside the Sky Village has diverse potential, such as for hydroponic farming, seafood processing, semiconductor manufacturing, or even as a duty-free shopping zone. Using its geographical and environmental characteristics, Sky Village has the potential for a number of different applications. By applying manufacturing technologies from secondary industries and services and other expertise from tertiary industries to agriculture, fisheries and other primary sector industries, we will strive to create industries unique to the nature-rich Tohoku region (sixth sector industry) to create new jobs.

【Attachment 3】

Laying the Groundwork: Establishment of a Basic Law & Creation of a National Fund

Realizing the proposed Plan 1 and Plan 2 will first require laying the proper groundwork in terms of capital and legislation. For capital, in addition to considering government financing, we will make plans with the assumption that capital will be injected from Asia and other global markets.

Establishment of a Basic Law regarding Disaster Recovery and Revitalization

- Have areas related to the Tokyo Bay development and Sky Village construction designated as special development regions
- Have profits generated from the Tokyo Bay development be used for Tohoku recovery efforts

Creation of a National Fund

- In addition to existing policy finance, we wish to newly establish a national “Japan Sovereign Wealth Fund” and create a structure that will match it with overseas wealth funds in Singapore, Malaysia, UAE, China and other countries to finance the project. This investment, which will support the development of a nation built on a network of the world’s most advanced nature-friendly smart cities, will not only contribute to disaster recovery, but also to mid and long-term development of Japanese industry overall. Areas related to the Tokyo Bay development and Sky Village construction will be designated as special development regions.

Elevation Japan Project

Great East Japan Earthquake

Initiative for “Tokyo Entertainment City”

~Suggestion of setting up Structural reformation district~

Quantum Leap Corporation

Cooperation : Frontage Corporation





Initiative for “Tokyo Entertainment City” for reconstruction

Half an year have passed since Great East Earthquake.

Though areas hit by the disaster are moving forward for reconstruction, further support are still needed in great deal.

<Challenge>

Funding for reconstruction (15 to 20 trillion Yen required).

Employment issue of the affected area.

Reduced foreign tourist or business visitor.



Initiative for “Tokyo Entertainment City” for reconstruction

Revitalize the Tokyo Bay area by transforming the city into “Entertainment city”.

Through “Tokyo Entertainment City” initiative, lead larger number of foreign tourist, new employment, capital expenditures.

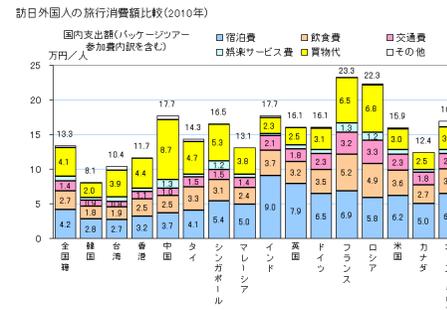
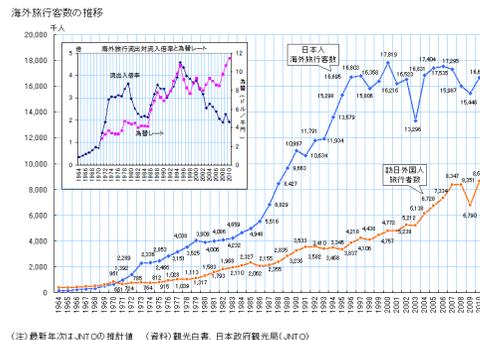
Initiative for “Tokyo Entertainment City” for reconstruction

Why “Entertainment City”?

Statistic in 2010 shows that number of Japanese tourists visiting foreign countries is 16.6 million. The number of foreign tourist visiting Japan is 8.6 million. The tourist income balance is negative in Japan though in general it is believed that Japan is filled with foreign tourist.

Japan has many attractive tourist sites such as Kyoto. One of the possible reason for few tourist is its poor entertainment facility. There are not many places to visit after dinner. Data shows that among expenditure of foreign tourist, expenditure for entertainment fee is very low. To increase the number of foreign tourist, there is no doubt that Japan needs more attractive entertainment facilities to attract tourist.

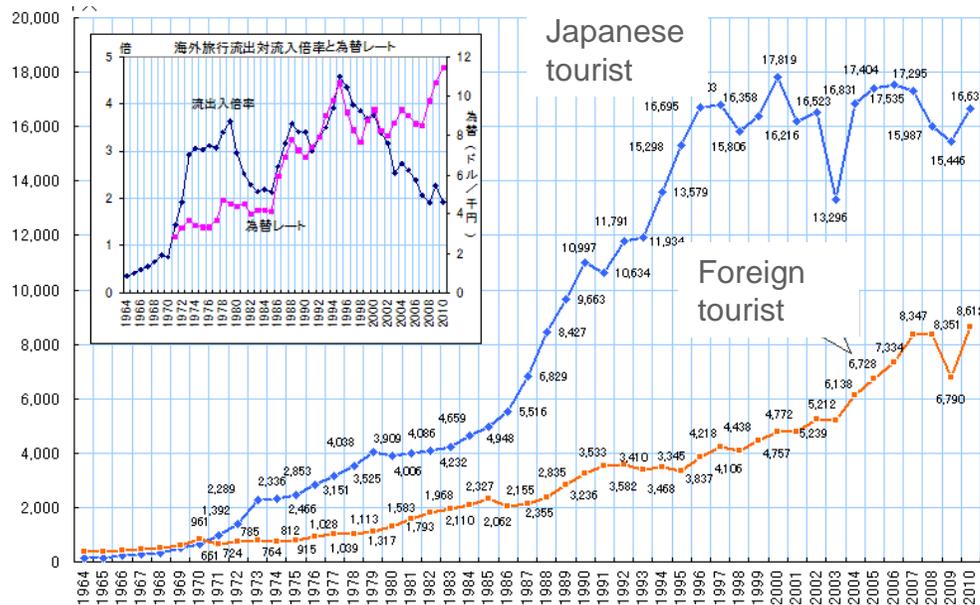
Furthermore, by creating complex entertainment facilities similar to Tokyo Disney resort, it will generate new employment and capital expenditure.



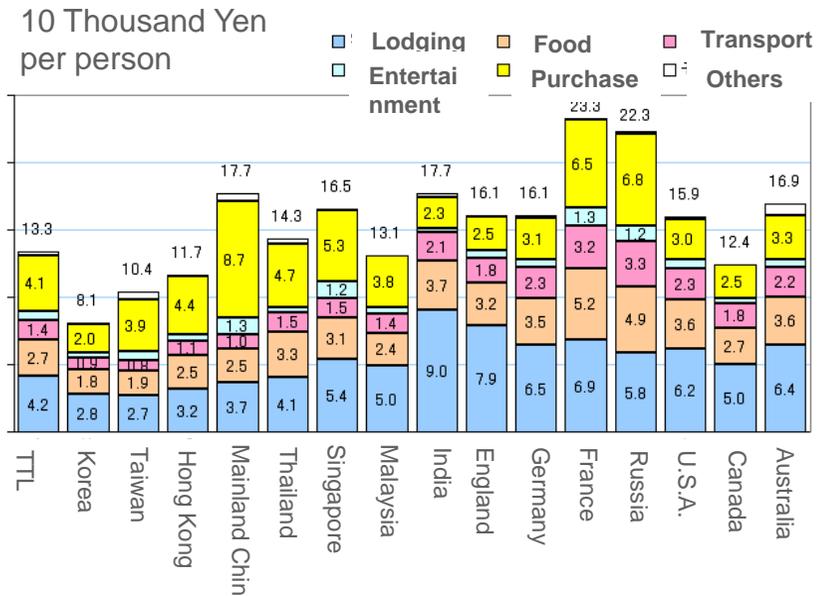
Initiative for "Tokyo Entertainment City" for reconstruction

Why "Entertainment City"?

Number of foreign tourist (thousands)



Expenditure of foreign tourist (Year 2010)

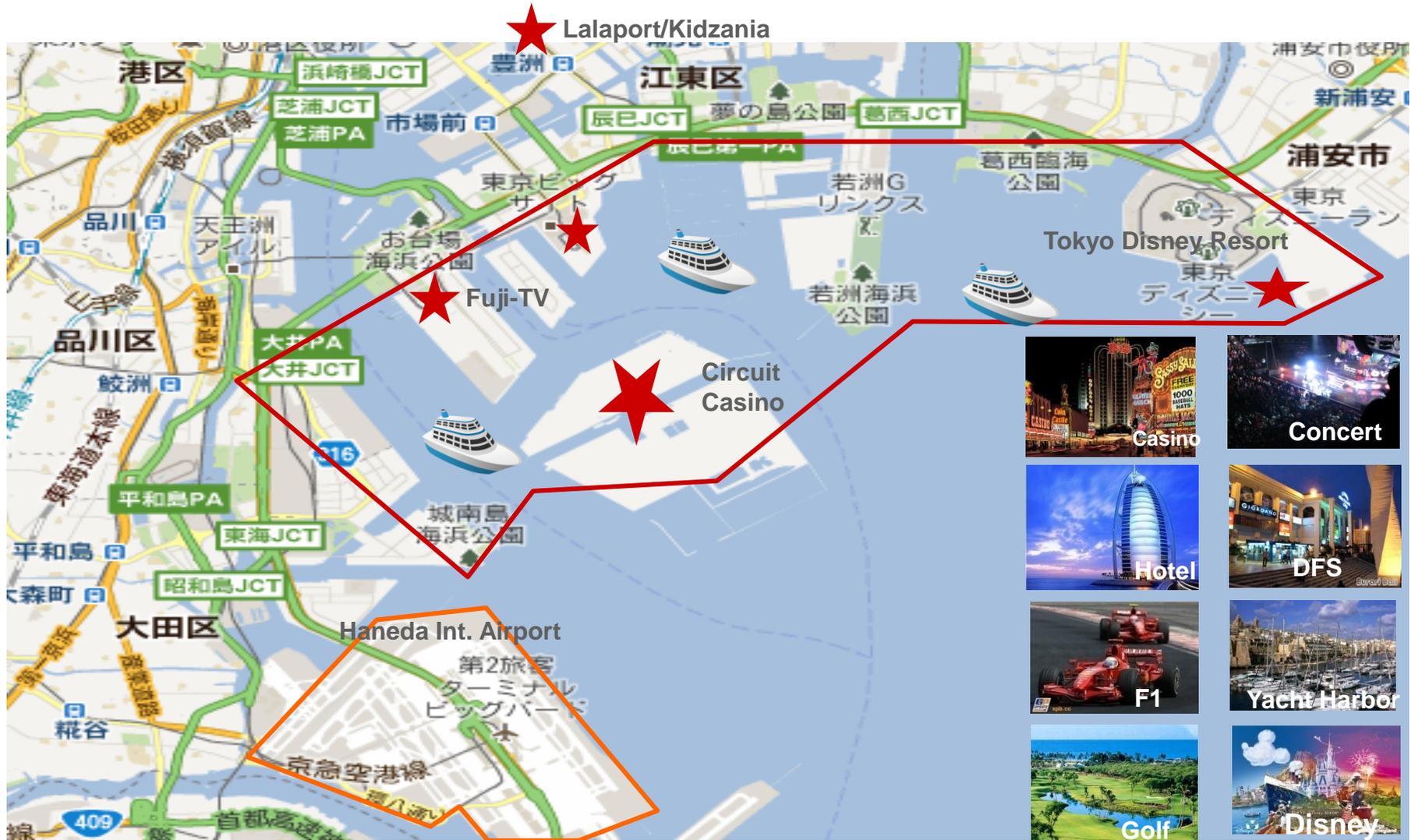


Source : Japan National Tourist Organization (JNTO)



Initiative for "Tokyo Entertainment City" for reconstruction

Tokyo Entertainment City



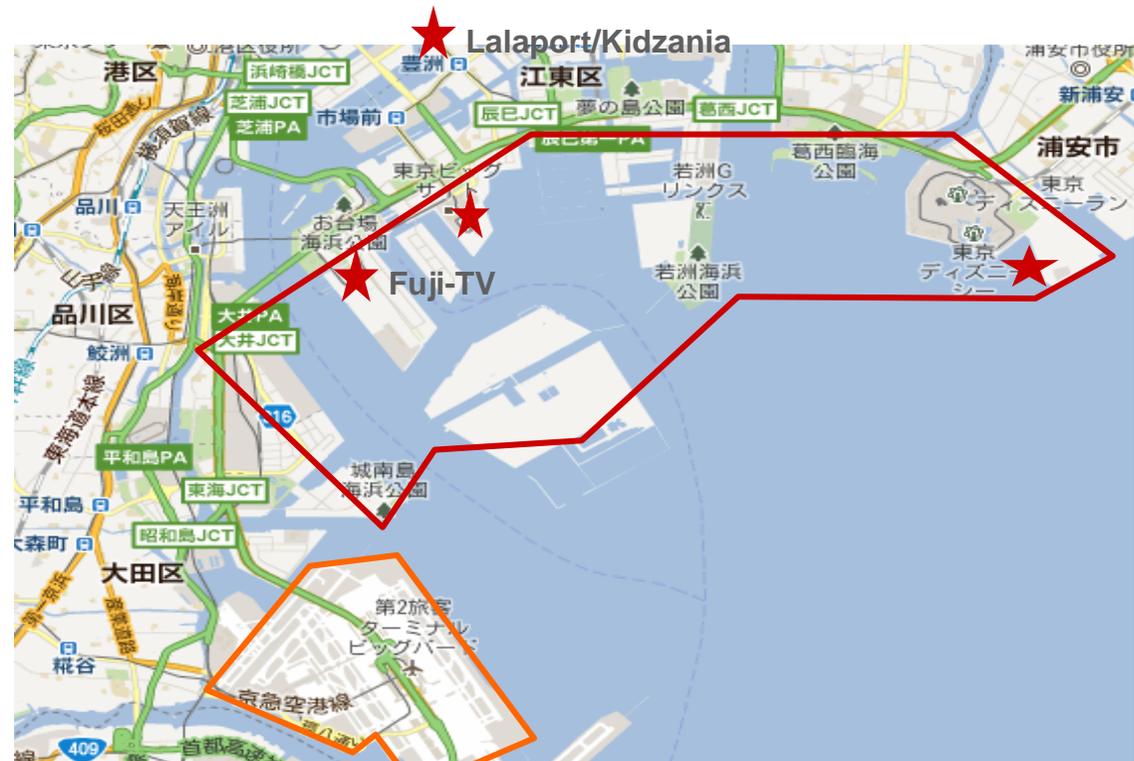
Initiative for “Tokyo Entertainment City” for reconstruction

Basic Concept 1 (From Kids till grown ups. Complete entertainment)

Establish entertainment consortium between Tokyo prefecture, corporations, and facilities.
 Provide tax benefit for participated corporations and profit generated will be allocated for reconstruction fund.

Participant image:

- Tokyo Disney Resort
- Tokyo Big site
- Lalaport Toyosu
- Kidzania
- Hotels
- etc



Initiative for “Tokyo Entertainment City” for reconstruction

Basic concept 2 (Attract well known international entertainment contents)

Attract international contents to grow the number of foreign tourist and convert Tokyo as center of Asian entertainment city.

Contents image :

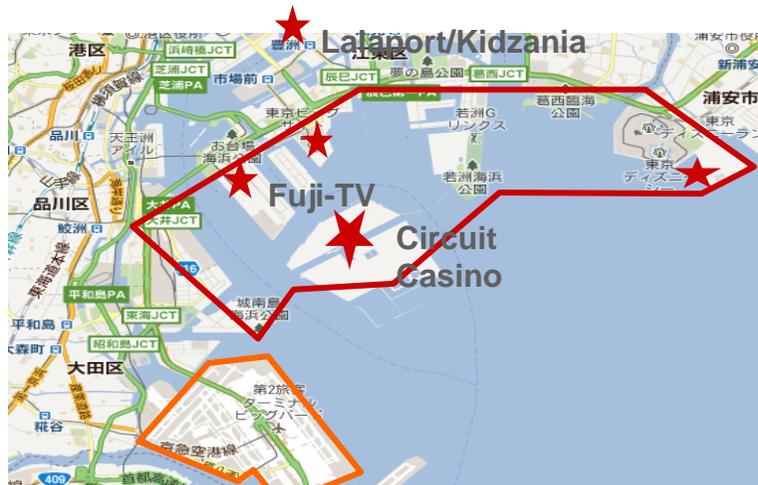
- F1, Motor sport
- Casino
- Filming studio
- Duty Free shopping (DFS)
- etc



F1



Casino



F1(Formula One)
 Currently Suzuka circuit had extended its contract until 2012.
 However FOM Mr. Burney Creston has indicated his intention to host 2 F1 GPX in case Tokyo GPX realizes.

Initiative for “Tokyo Entertainment City” for reconstruction

Basic concept 3 (Environmental friendly)

1. Clean energy and self generation

- Wind power
- Solar power
- Current generator, Methane fermentation



2. Environment friendly transportation

- Electronic bus
- Electronic boat
- Electronic cars



3. Environment friendly race event

- Electronic, Hybrid car race
- Development of F1 environment friendly engine = Toyota, Honda,

Nissan + F1 committee



Initiative for “Tokyo Entertainment City” for reconstruction

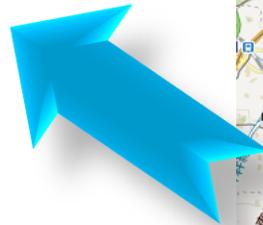
Concrete support idea for Tohoku Area

Support Tohoku-Area by creating 3 flows:

1. Business flow
2. Financial flow
3. Personal flow

Personal flow:

- Tourism
- Volunteer
- Establish concentrated promotional facility for each destination in Tokyo



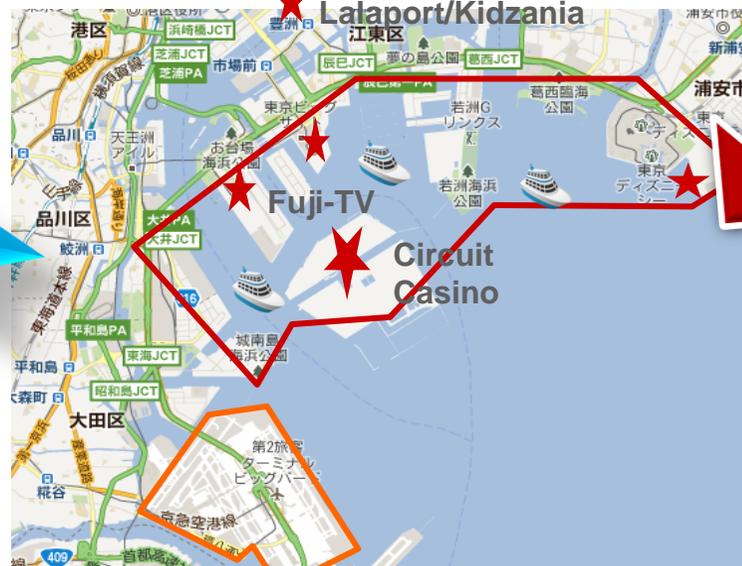
Financial flow:

- Profit generated by license bid
- Mandatory profit donation from corporations



Business flow:

- Food supply
- Employment



Initiative for “Tokyo Entertainment City” for reconstruction

Concrete support idea for Tohoku Area

1. Business flow



a) Utilize food supply from Tohoku-Area

- ⇒ Promote the usage of Tohoku-Area originated foods in the entertainment city.
- ⇒ Promote vegetable, rice, meat, and sea food from Tohoku-Area to demonstrate the safety of the foods.

b) Re-employment of Tohoku-Area worker and provide support for vocational training

c) Demonstrate traditional festival, culture, and food of Tohoku-Area in Area to promote tourism

- ⇒ Tanabata festival from Sendai, Nebuta festival from Aomori, Waraji-festival from Fukushima
- ⇒ Establish subsidiary of traditional hotel from Tohoku-Area for promotion.
- ⇒ Establish restaurants serving traditional food of Tohoku-Area.

d) Usage of rubble from earthquake ⇒ Use for expansion of reclaimed land



Initiative for “Tokyo Entertainment City” for reconstruction

Concrete support idea for Tohoku Area

2. Financial flow

Establishment of great entertainment city zone represented by Casino & F1 GPX.

⇒ Reflux of profit generated by sales of license

⇒ Utilize corporate tax income for the support of Tohoku-Area

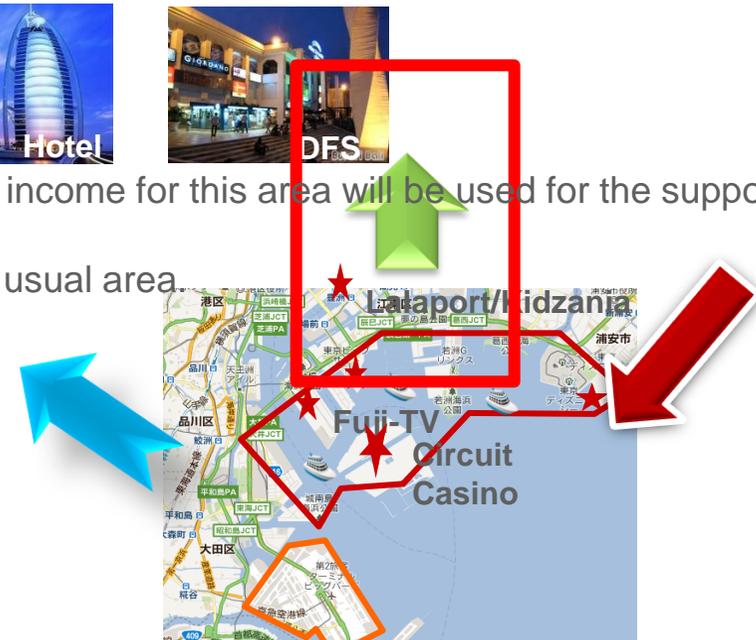


■ Appoint as special administrative region



⇒ By being appointed as special administrative region, tax income for this area will be used for the support of Tohoku-Area.

⇒ Set the term as 5 years. Further years will be treated as usual area.



Initiative for "Tokyo Entertainment City" for reconstruction

Concrete support idea for Tohoku Area

3. Personal flow

Using Tokyo entertainment city as a hub to bring traffic of Tourist to Tohoku-Area.

■ Establish direct connection to Tohoku-Area by airplane, bus, boat.

- ⇒ Tourism (foreigners and Japanese)
- ⇒ Establish special route for volunteers

★ Create airport for private jet in next to F1 circuit.

⇒ Serve also as public transportation for Tohoku-Area

★ Create specialized bus terminal for Tohoku-Area for tourist and volunteer.

⇒ Economic access for Tohoku-Area

★ Create sea line for Tohoku-Area

⇒ Economic sea line for mass transportation

■ Direct connection to Tohoku-Area from Haneda and Narita Int Airport.

⇒ Promote Tohoku-Area for traveler

Will serve as HUB for any place in Japan.





Concepts

1. This project is intended for low-lying areas having difficulty in migration to hills.
2. People can continue living close to familiar farmlands and fishing ports.
3. Due to a utilization of the resource of existing infrastructure, it reduces the total construction cost.
4. In case of natural disasters, each island operates as an independent facility.
5. This project is new refuge model, "refuge facilities = their own home".
6. This project enables people to live in coexistence with the ocean, and it creates completely new landscape.

TOHOKU SKY VILLAGE

01

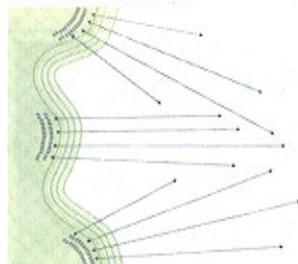
The Disadvantage of the Idea of "Moving on Hills"



The distance to farmland and the ocean will be increased drastically.



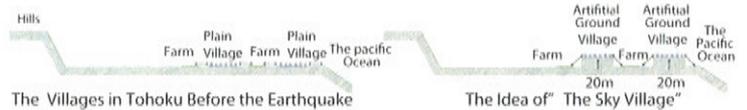
The Villages in Tohoku Before the Earthquake



The Idea of "Moving on Hills"

02

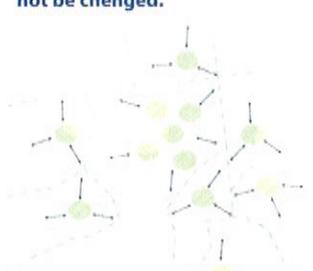
The Advantage of the Idea of "The Sky Village"



The Distance to farmland and ocean will **not be changed.**



The Villages in Tohoku Before the Earthquake

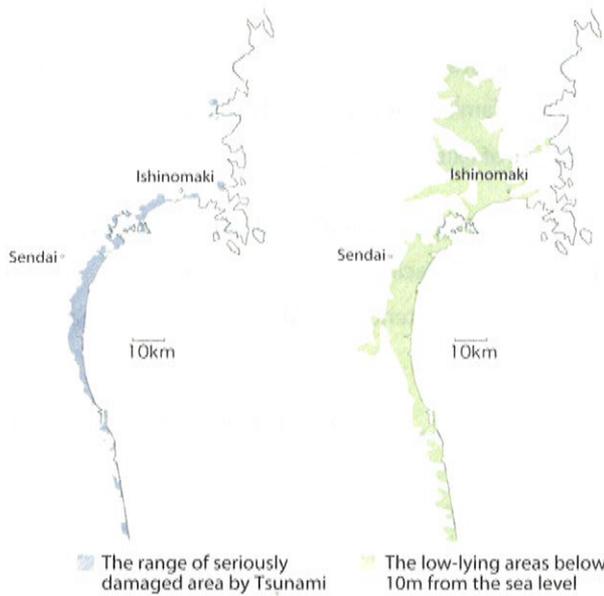


The Idea of "The Sky Village"



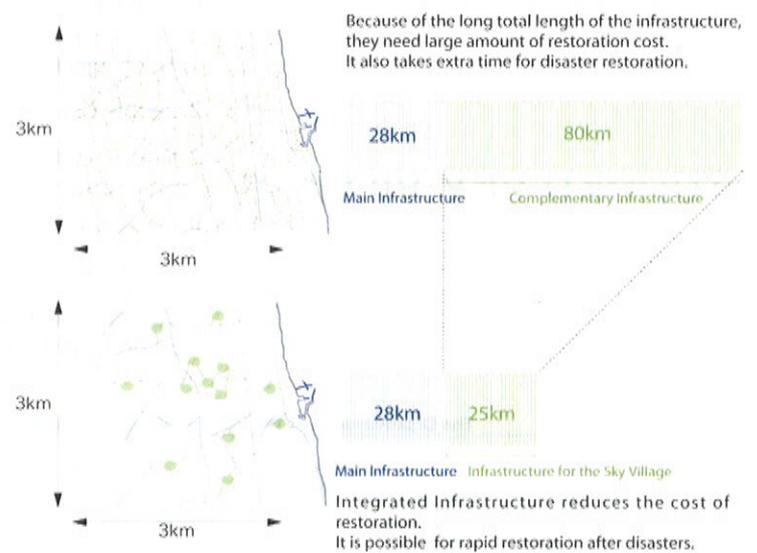
03

Low-Lying Areas in the coast of Tohoku



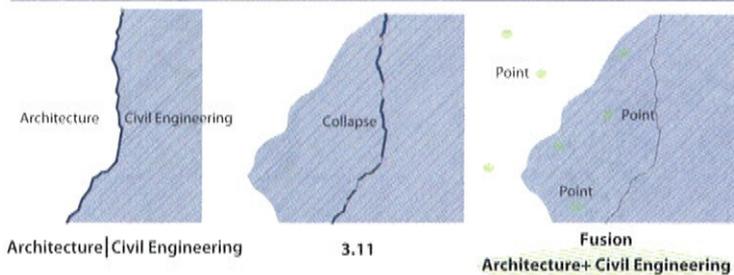
04

The Infrastructure of "The Sky Village"



05

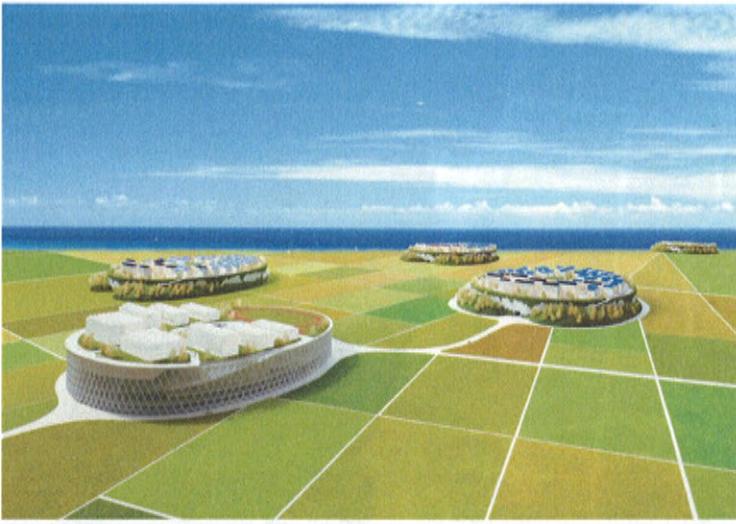
Civil Engineering and Architecture



06

"Evacuation"="Going Home"





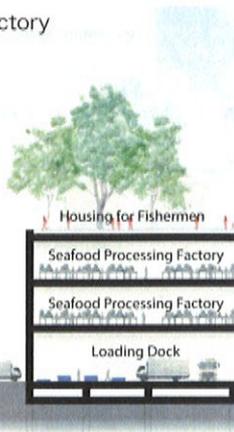
10

The Variation for Amenities in the Structure

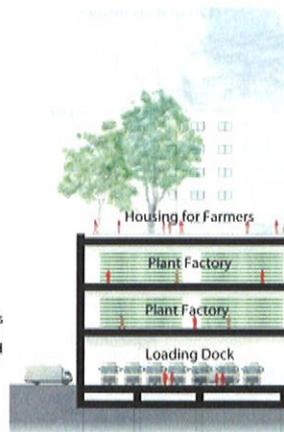
A. Seafood Processing Factory

B. Plant Factory

Damaged seafood processing factories are kept compact. They are located in coastal area to preserve the fish's freshness. Constructing housings for fishermen on top of the structure to build immediate relations with the ocean.



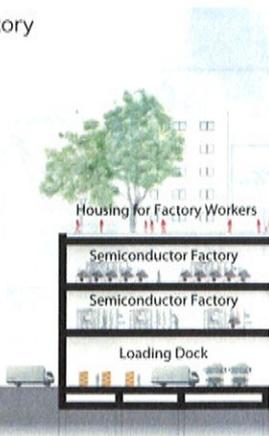
This factory is designed for farmers in the coastal regions of Tohoku suffering from harmful rumors and salt damage. Plant factories with durable structure and artificial light will enable them to produce organic vegetables with planned schedule.



C. Semiconductor Factory

D. Duty Free Shop

Aim to attract leading semiconductor companies for the recovery of the local industries. Its durable structure for disasters and airtight condition are efficient for producing high quality semiconductors.



Due to the recovery of economy in the damaged coastal regions, we will attract duty free shop and its related facilities. In addition to Okinawa's duty free zone, this area is expected to be the core tourist spot in Tohoku.



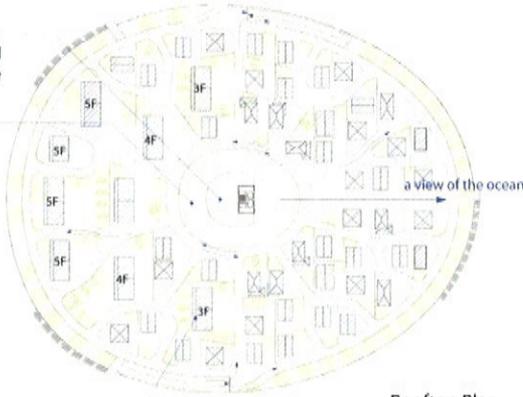
E. Casino

We will attract casino and its related facilities to the damaged coastal regions. The location with ocean view is quite effective to attract guests. It will be about 60,000m2 as the world's largest casino.



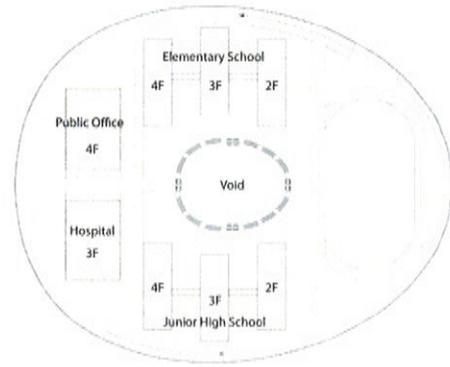
Community Center with Preschool + Nursing Home

Multi purpose Central Square



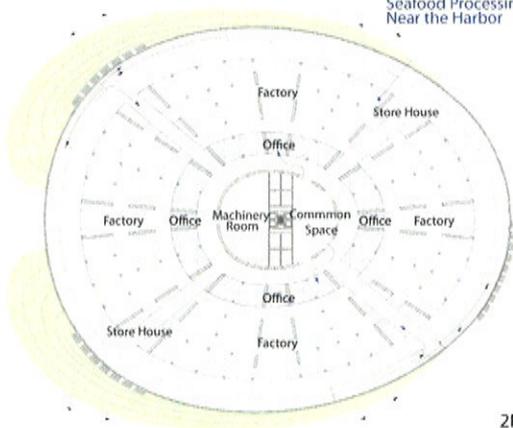
Apartment

Rooftop Plan

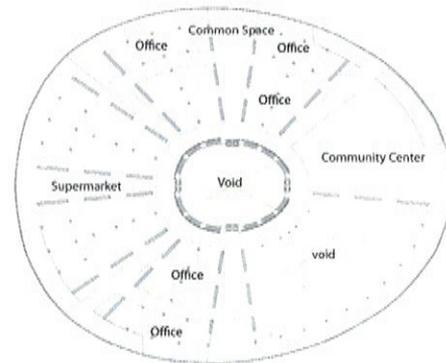


Rooftop Plan

Seafood Processing Factory Near the Harbor



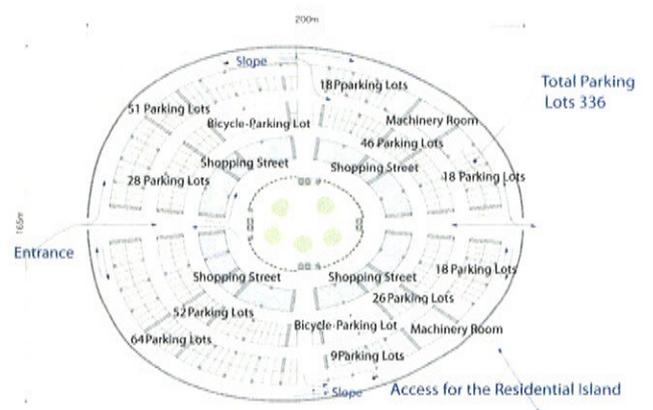
2F Plan



4F Plan



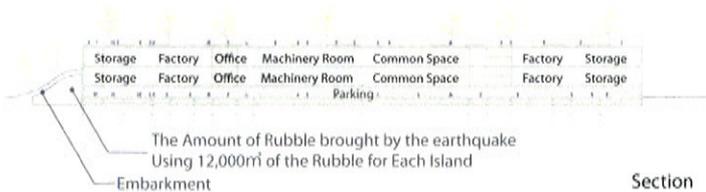
1F Plan



1F Plan

Total Parking Lots 336

Access for the Residential Island



Section



Section



About Quantum Leaps Corporation

【Company Overview】

Company name:	Quantum Leaps Corporation		
Date of establishment:	September, 2006		
Board members:	Founder & CEO	Nobuyuki Idei	
	President	Masaru Hirauchi	
	Director	Masakatsu Mori	
	Auditor	Ryosuke Koike (OKUNO & PARTNERS)	
Address:	Tokyo Ginko Kyokai Building, 16 th Floor 1-3-1 Marunouchi, Chiyoda-ku, Tokyo, Japan 100-0005		
	Telephone:	+81-3-5224-6541	Facsimile: +81-3-5224-6541
	Email:	info@qxl.jp	

【Message from the Founder and CEO】

“Quantum leaps” is a quantum mechanics term meaning a dramatic, sudden or abrupt jump or change. I experienced and helped trigger many “quantum leaps” during my years at Sony Corporation as it grew from a small domestic company to world renown global company. After more than 10 years at the helm of Sony, with the desire to share my knowledge, experience and rich network of people for the benefit of future generations, I decided to establish Quantum Leaps Corporation in 2006.

Through my efforts at Quantum Leaps, I want to contribute to enhancing Japan’s global competitiveness. I strongly believe that Japan’s future depends on its ability to build constructive and complementary relationships with other countries in Asia and around the world. By creating scenarios for new business development and growth with a global (particularly Asian) perspective and with the cooperation of numerous high-caliber partners, I hope to trigger the rapid evolution (quantum leaps) of Japan and Asia.

Quantum Leaps Corporation strives to provide innovative ideas and resources that will create new value. With people of like mind and will, with a focus on Japan and Asia, we hope to nurture the next generation of global companies and leaders who will secure a bright and prosperous future for Japan and for the world.

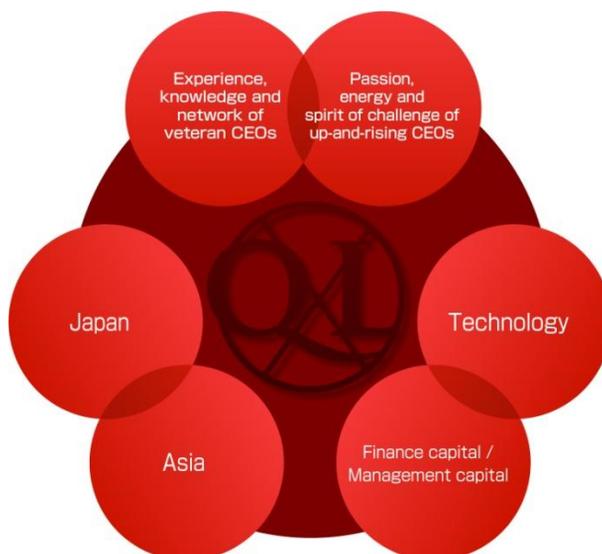
Our company name, Quantum Leaps, is a quantum mechanics term meaning a dramatic, sudden or abrupt jump. It expresses our desire to trigger “discontinuous transformation” in Japan through our business activities.

Nobuyuki Idei



【Quantum Leap’s Mission】

To create next-generation businesses and leaders by effectively bringing together people, technology and capital resources and inspiring innovation—that’s the mission of Quantum Leaps.



【Service Concept】

Focusing on the below five major themes, Quantum Leaps supports businesses and management that want to transform their operations from the survival strategies of the current structure (the XYZ strategies), to the growth strategies under a new structure (the ABC strategies).

Quantum Leaps, utilizing its rich network of experts, offers tailored and timely advice to companies that want to develop their in-house technologies and ideas into businesses, grow their presence in Asian markets, and/or develop cooperative ties with financial institutions and strategic partners.

- ◆ Corporate Transformation/New Value Creation
- ◆ Japan ⇄ Asia
- ◆ Business × Capital
- ◆ City OS
- ◆ Producing “Stand-Out Products”



【Why AIF ?】

- Innovation requires “multiplying” various factors to make for a greater sum. With Asia as our stage, we hope to create new businesses and new industries by bringing together a diverse range of players that can work together for a “multiplying” effect. To “multiply” various factors in a manner that will create a “chemical reaction,” you need a venue that brings together relevant players. That venue is “Asia Innovation Forum (AIF).”
- The AIF is an annual event bringing together the brightest business leaders and entrepreneurs, investors, policy-makers, academics, journalists and so forth from the region in pursuit of Asia's economic growth and sustainable social progress. “Group-20” consisting of prominent opinion leaders in their 30s-50s have pledged their full support of AIF, including orchestrating various views discussed at AIF as recommendations for the public.

【Outline of AIF2011】

- Date & Time September 20-21, 2011
- Venue Tokyo International Forum, Block D, Block G
- Organizer Quantum Leaps Corporation
- Supporters Ministry of Economy, Trade and Industry; Hitotsubashi University Graduate School of International Corporate Strategy
- Sponsors aigo Digital Company Ltd./EXEMODE, INC., All Nippon Airways Co., Ltd., Asial Corporation, Battelle-Japan Corporation, Bourbon Corporation, DMZ Corp., Esquel Group, 4D Networks Inc., GCA Savvian Group Corporation, GENOVA Inc., Greater Pacific Capital LLP, JIN Co.,Ltd., Khazanah Nasional Bhd., Next Capital Partners CO. Ltd., Polaris Capital Group Co., Ltd., REALFLEET co. ltd., Samsung Japan Company, SilkRoad technology Corp., SK, Tazan International, Terra Motors Corporation, Towa Electronics Co. Ltd, WillVii Corporation, Xenesis Inc.
- Media Partners Wall Street Journal Japan K.K.; China Entrepreneur; China Daily; 21st Century Business Herald; Commonwealth, Luxuriousness, Keieisha Tsushin



[AIF 2011 Theme]

Japan at the Brink: Choices for the Next Generation

The March 11th Great East Japan Earthquake has created an unprecedented crisis in Japan. It has brought to light not only the fragility of Japan's infrastructure and the shortcomings of its energy policy, but also the lack of national vision and the fossilization of existing industries, problems that existed even before the earthquake. This is not the time for patchwork solutions aimed at simple survival under the existing system. With a depth and breadth of wisdom greater than ever before, we must make choices guided by a long-term national vision that will help us create a "New Japan" for the next generation.

At AIF2011, we will explore the AIF2010 theme, "Creation (ABC Strategies)" in light of Japan's redesign. We will present ideas and action plans to establish a state-of-the-art system for regional societies, to secure safe and stable energy supplies, to find new approaches in securing financial resources, to rebuild the Japan brand and so forth, in partnership with other Asian countries.

