

“Seeing is Believing”

Proposing Industrial Tours in Kansai to promote
Better Understanding of Countermeasures against Disasters

March, 16, 2015

Kansai Economic Federation(Kankeiren)

Outline

1. Introduction of
Kansai Economic Federation (Kankeiren)
2. Introduction of Kansai Region
 - Profile of Kansai
 - Historical Background
3. Introduction of
Disaster Prevention Tour (Industrial Tour)

Introduction of Kansai Economic Federation (Kankeiren)

Established in 1946

Independent, Private, Non-Profit Organization

Approximately 1,300 Members from
Businesses, Organizations and Academia
which pursue economic activities mainly in
the Kansai Area

Activities

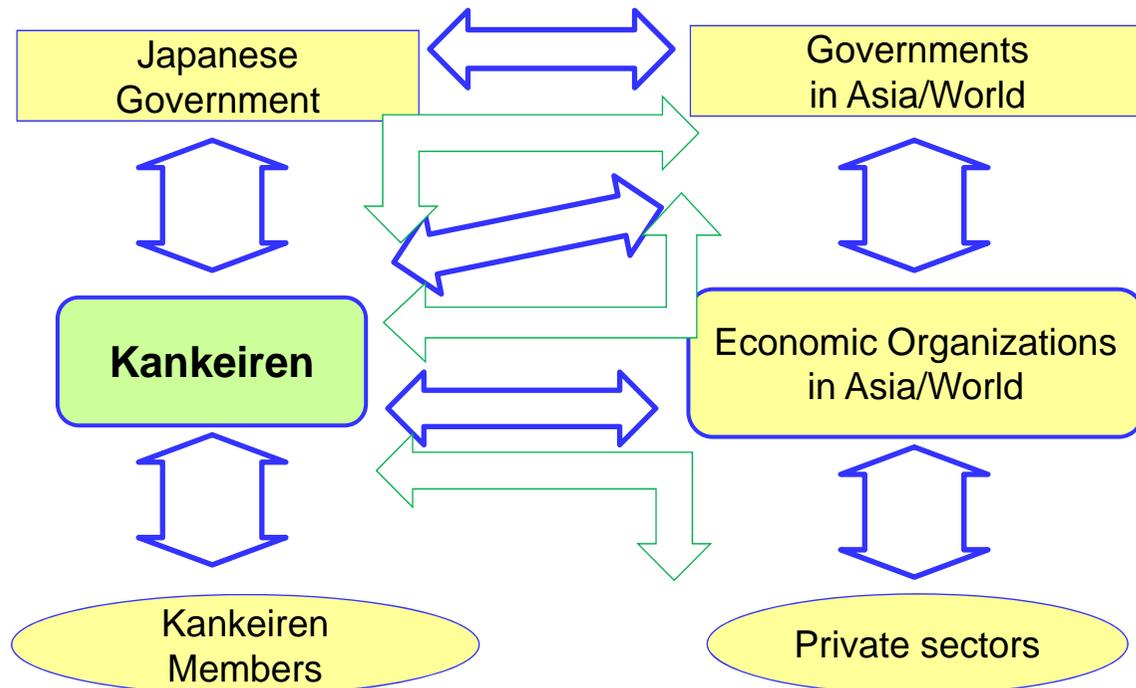
- Policy proposals
- Vitalizing the Kansai Economy
- Promoting international business networking

Kankeiren's Function(International Activities)

◇Kankeiren supports promoting international business through the actions below, affecting on governments, organizations, and companies.

<Kankeiren's function>

1. Dialogue with leaders of the government and private sector
2. Policy proposals to the Japanese government
3. Human resource development
4. Organizing Seminars and Forums



Business delegation to
Myanmar and Cambodia
February 15-21, 2015

Meeting with H.E. U Thein Sein,
President of Myanmar

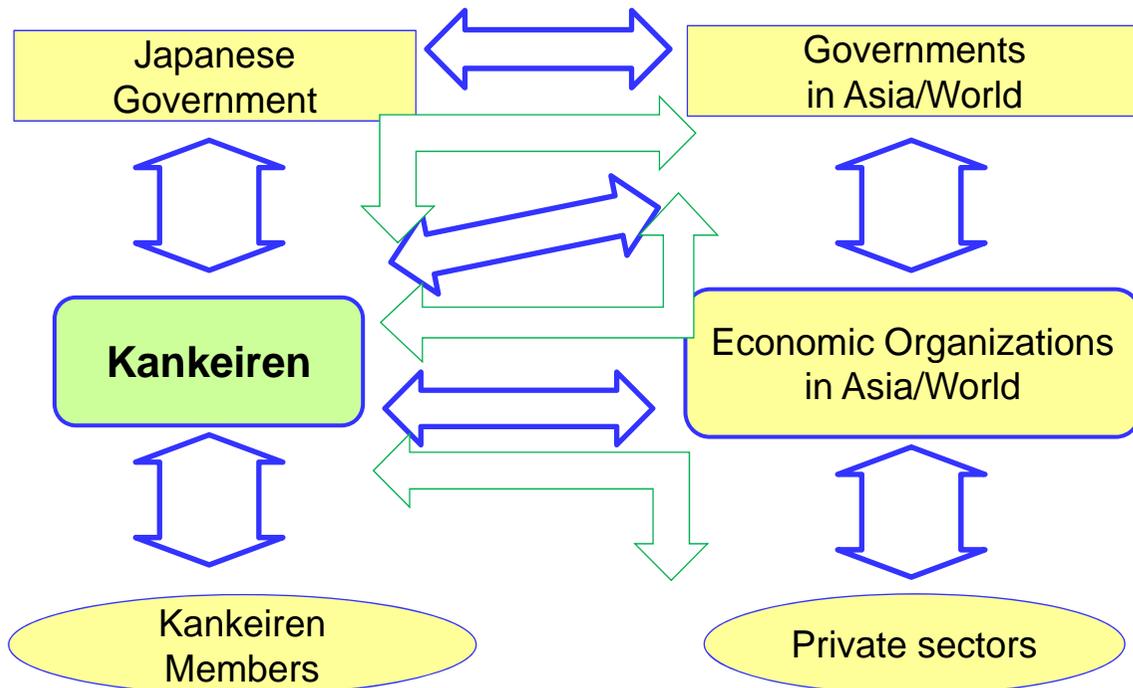


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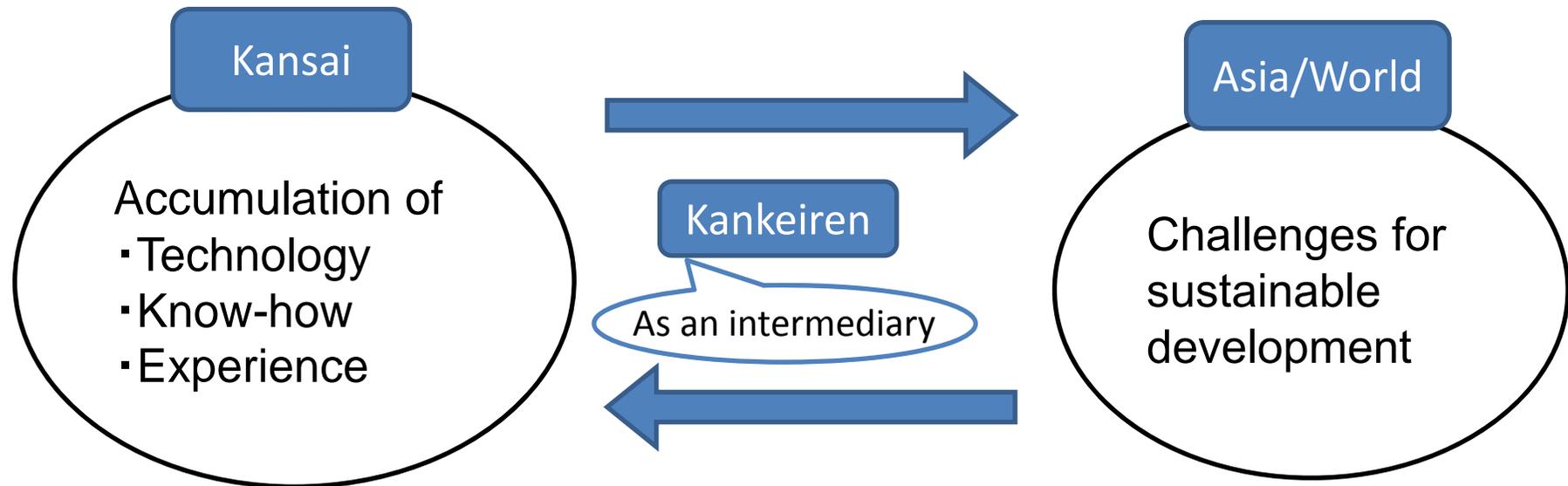
<Kankeiren's function>

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Kankeiren's Action for supporting sustainable development in Asia/World

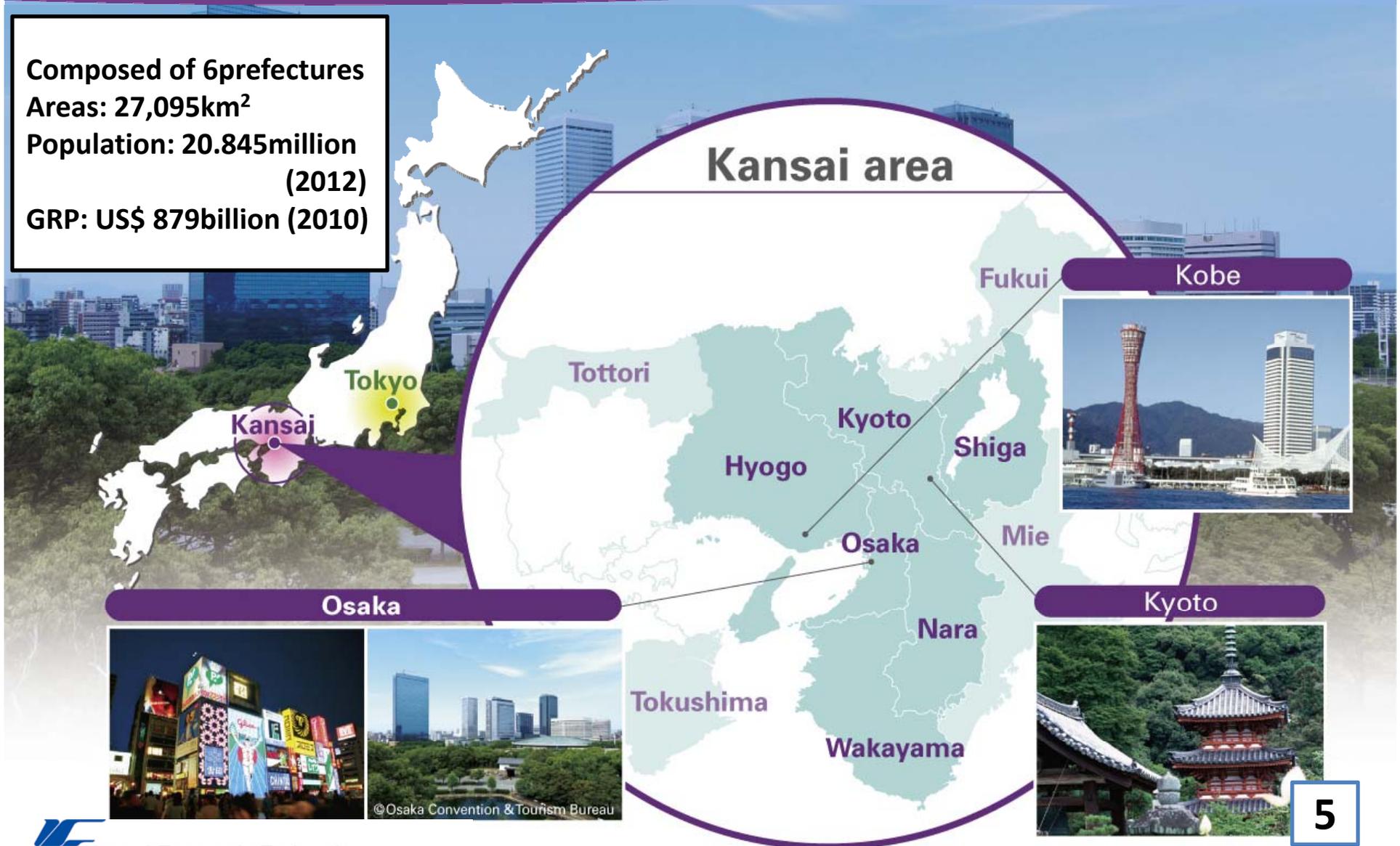
◇ Kankeiren acts as an intermediary to build a win-win relationship between Kansai and Asia/World.



One of the possible fields is **“Natural Disaster prevention”** (flood countermeasure etc), contributing to the realization of a resilient city.

Profile of KANSAI

Composed of 6 prefectures
Areas: 27,095km²
Population: 20.845million
(2012)
GRP: US\$ 879billion (2010)



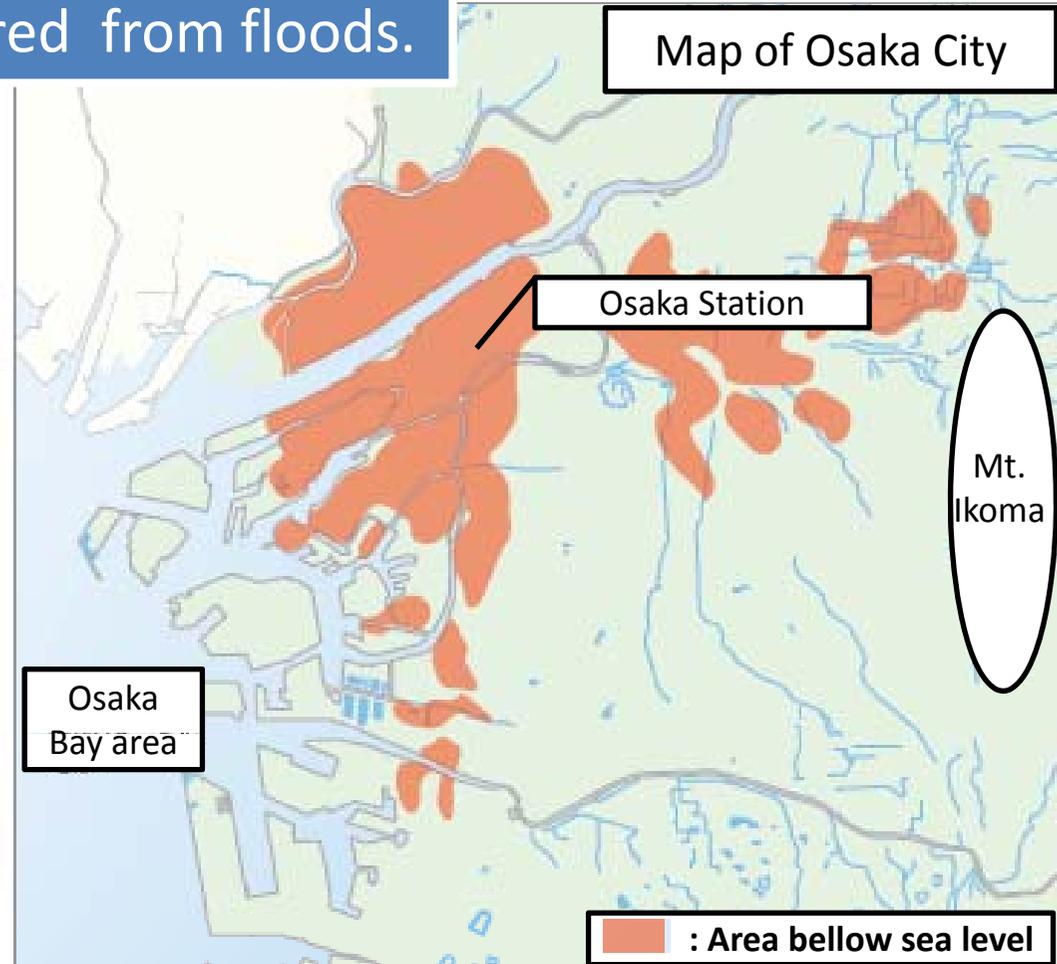
Historical Background of Kansai

Large areas in Osaka are below sea level, so these areas have long suffered from floods.

21km² of Osaka city (10% of total area) is below sea level



Flood by Jane typhoon Sep. 1950



Map derived from: Osaka Prefecture

Historical Background of Kansai

Kansai experienced a large earthquake occurring directly under an urban area

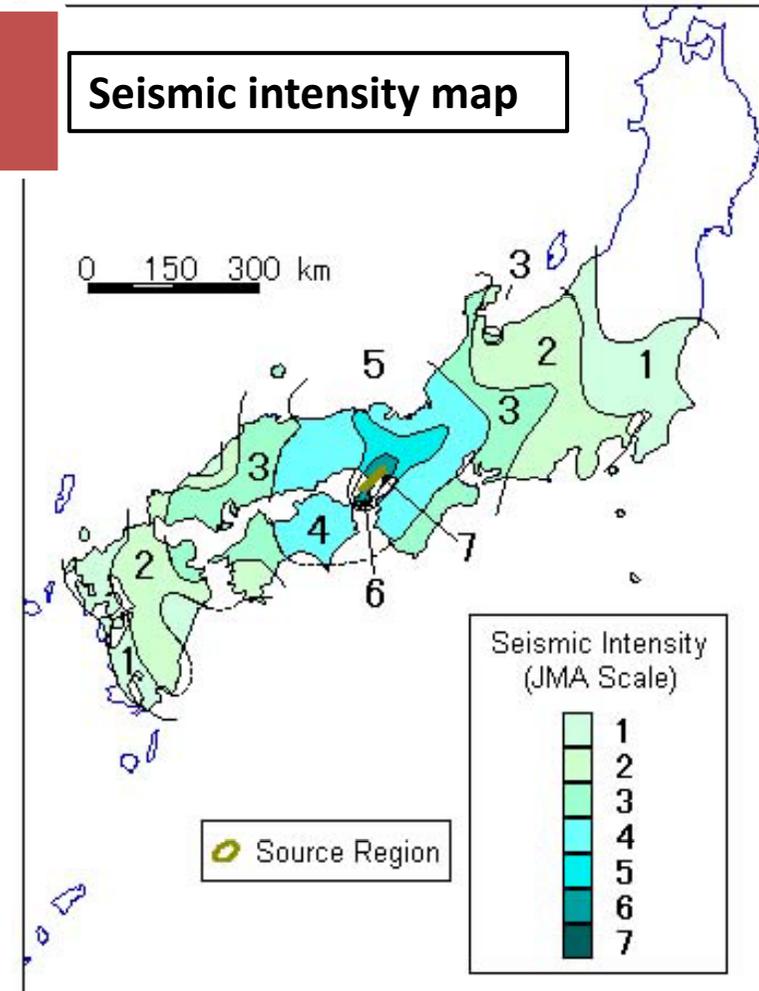
The Great Hanshin Earthquake



January 17, 1995
Depth of hypocenter 16km
Magnitude 7.3
(Richter scale)

Extent of Damage	
Deaths	6,400
Casualty	40,000
Houses	538,767
Buildings	39,821

Data derived from: Hyogo Prefecture's website



derived from: Japan Meteorological Agency (JMA) (1996)
To have knowledge about the Seismic Intensity, Gyosei Co., Ltd.

Historical Background of Kansai

◇ Kansai Region, a community resilient against natural disasters

Experiences

**Flood in 1997
at Neyagawa city**



**The Great Hanshin
Earthquake
in 1995**

Residents, local governments, private companies and research institutes have worked hard to prevent disasters.

Today

- Technology and Know-how have accumulated in the fields of prediction, simulation, and prevention of disasters in order to reduce damage.
- Administrative operations have been developed.
- Efforts to improve awareness of inhabitants of disaster prevention have been maintained through public – private cooperation.

Seeing is Believing!

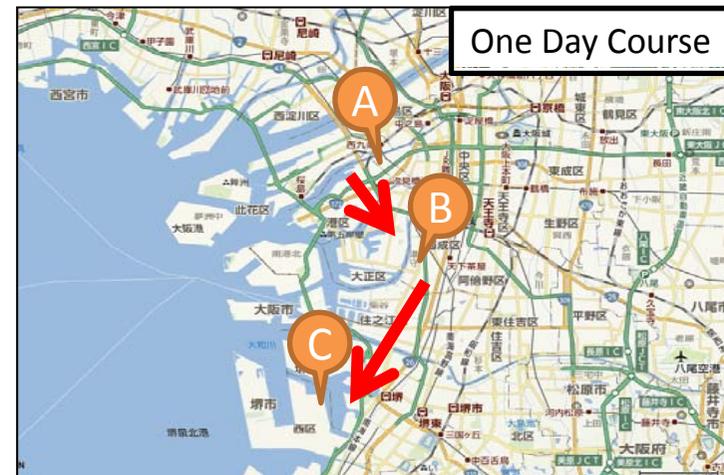
◇ Kankeiren proposes the “Industrial tour”, which highlights various countermeasures taken against disasters.

What you can see

- Experiences of Kansai
The huge amount of damage we have experienced by disasters and how we have overcome it
- Administrative operation
Actions by local governments in order to reduce damage
- Equipment for disaster prevention
Technologies Kansai companies have developed

Example of the tour

- Tsunami/ Storm Surge
Disaster Prevention Station
- Tsumori Sewage Treatment Plant
- Hitz Disaster prevention Solution Laboratory



Example of the tour

Experiences of Kansai

You can see the history of water related disasters in Osaka.



Tsunami/ Storm Surge Disaster Prevention Station

Example of the tour

Administrative operation

You can see the operation know-how possessed by local government.



Hyogo Disaster Management Center

Tsumori Sewage Treatment Plant



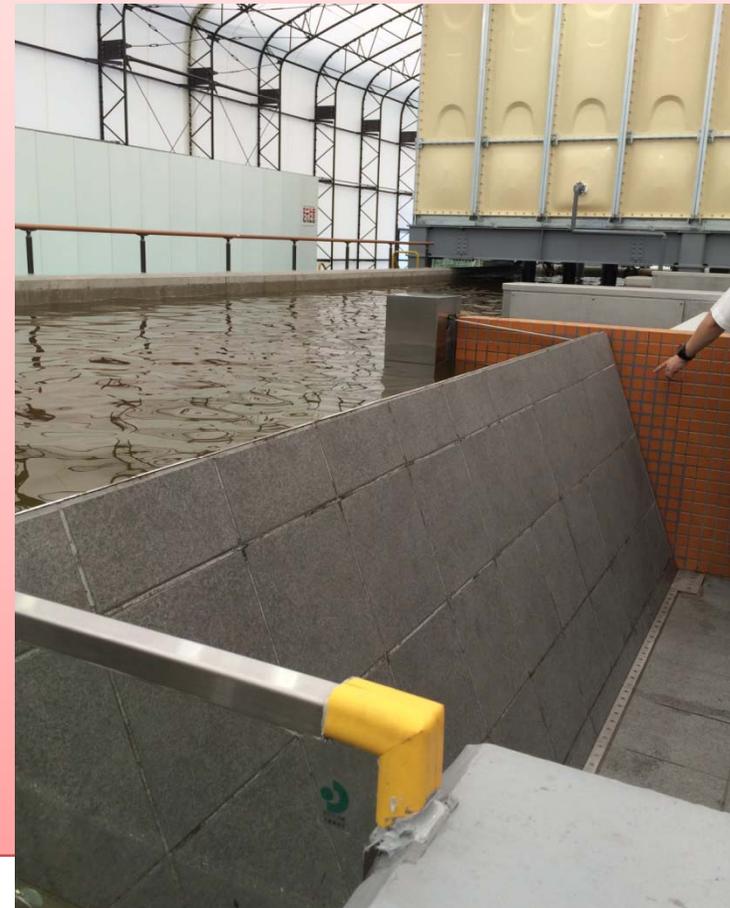
Example of the tour

Equipment for disaster prevention

You can see the equipments developed by Kansai companies.



Hitz Disaster prevention Solution Laboratory





Thank you for your attention!

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