



# Continue mission critical activities in **Osaka**

Prepare for disasters with a business continuity system supporting a damaged head office

**Large-scale disasters will damage public infrastructure and paralyze urban functions**

Impact of the Great East Japan Earthquake on the Tokyo area included:



Source: "THE WHITE PAPER on POLICE 2012" (National Police Agency)

**Approx. 5 million stranded commuters**



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**Scheduled blackouts for approx. 1 month**

Estimated damage to infrastructure by the Tokyo inland earthquake includes:



**Blackouts in approx. 50% of central Tokyo; over 1 week in the worst case**



May be unavailable for **1 week to 1 month**



**Unavailable for over 1 day**



(Major roads) Unavailable for at least **1-2 days**  
(General roads) **Several weeks** of severe traffic congestion



**Unavailable in approx. 50% of central Tokyo; sewage systems unavailable in approx. 10% of the area**



Light oil, gasoline, and kerosene **not supplied** to end users

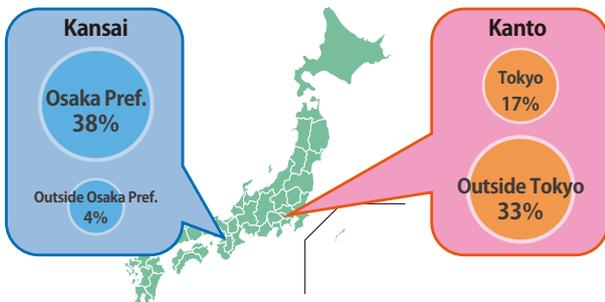
Source: Final Report by the WG on Tokyo Inland Earthquake (Dec. 2013)

## Do you have a perfect BCP?

To continue mission critical activities in an emergency, it is effective to establish "backup bases" away from the head office!

**Approx. 40% of major companies selected Osaka for their backup bases \***

### Areas assumed as temporary backup bases



### Companies with backup bases in Osaka

- AIG Japan Holdings K.K. (in random order)
- NTT Communications Corporation
- Cosmo Energy Holdings Co., Ltd.
- Shimizu Corporation
- Tokio Marine & Nichido Fire Insurance Co., Ltd.
- Nissin Foods Holdings, Co., Ltd.
- Japan Airlines Co., Ltd. and more

\* Outline of the survey (Period) Nov. 17 – Dec. 8, 2017 (Method) Survey forms distributed and returned by mail Multiple answer questions (Respondents) Companies headquartered in Tokyo and listed on the TSE First Section (1,109 companies) (Valid responses) 135 companies (12.2%)

Companies that have backup bases in Osaka are introduced on this website.

<https://www.city.osaka.lg.jp/fukushutosuishin/page/0000462730.html>



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\*Machine translation service is available on this website.

# Companies having backup bases in Osaka

## AIG Japan Holdings K.K.

In expanding its business in Japan, the company established its second business base in Osaka, following Tokyo, equipped with the functions of the group's head office in Japan. Thus, the company reinforced its business continuity system in an emergency.

### Statement of Mr. Robert L. Noddin, President and CEO From "Establishment of a second base with head office functions in Osaka"

(Second meeting of the Second Capital Promotion Headquarters in Feb. 2016)

After the Great East Japan Earthquake, we temporarily transferred our head office functions from Tokyo to Osaka. Considering the uncertain outlook of the Fukushima NPP accident and our concerns on infrastructure, we decided we could control our operations nationwide by transferring the head office functions to Osaka.



It took three days for the transfer. This is too long.

Why Osaka? Osaka is one of the most convenient areas in Japan, highly accessible from international airports and seaports. It is also easy to travel from Osaka to other places in Japan. We can travel easily by ship, train or car without stress.

Our business base in Osaka has always supervised our offices in western Japan. We are not changing this point. By posting many senior managers to Osaka and enhancing the skills of the Osaka base, we aim to empower the Osaka base so that it can serve as substitute head offices in Japan and the U.S. when necessary.

## Nissin Foods Holdings Co., Ltd.

The primary plan is to use the Hachioji research institute for backing up business operations. If it is unavailable due to a blackout or other reasons, the supply chain management sector will be transferred to the Osaka Head Office.

A disaster response headquarters will be set up within 2 hours after the occurrence of a disaster, which will judge the necessity of function transfer within 6 hours. The destination will be decided based on the status of potential sites.

Since working in disaster-affected areas is a heavy burden for employees, the company ensures an environment supporting long-term work in Osaka. (Reservation of transportation, accommodation, etc. in advance)

### [Business continuity of the supply chain management sector]



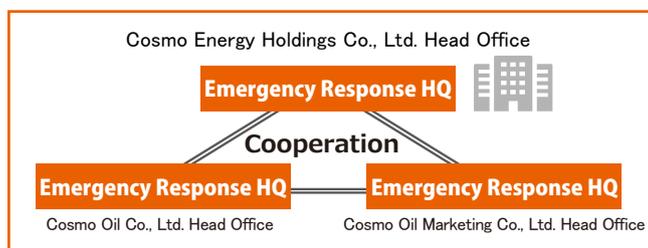
## Cosmo Energy Holdings Co., Ltd.

When a disaster occurs, each group company engaged in oil product supply will set up its own emergency response headquarters and implement the BCP.

If the head office functions are lost or damaged, temporary emergency response headquarters will be established at Cosmo Oil Co., Ltd. Sakai Refinery and Cosmo Oil Marketing Co., Ltd. Kansai Branch, to which the head office authority related to oil product supply will be transferred.

System management and public relations functions of Cosmo Energy Holdings Co., Ltd., which has no offices in Osaka, will be transferred to the Sakai Refinery.

### BCP-based system at Tokyo Head Office



### BCP-based system in Osaka (When the head office functions are lost or damaged)

