

WSIS forum 2017



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The Power of ICT Fujitsu's approaches to a Sustainable Future

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FUJITSU

Content

- Things to be considered for our sustainable future
- Fujitsu's vision and approaches
- Introduction of our sustainability solutions and services
- Summary

Fujitsu at a glance

Headquarters:
Tokyo, Japan

Established:
1935

President:
Tatsuya Tanaka

Principal Business Areas:
Technology Solutions
Ubiquitous Solutions
Device Solutions

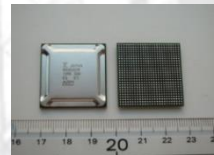
Employees:
155,000 worldwide

Revenue:
4,509.6 billion yen
(US\$41.7 billion)

Operating profit:
128.8 billion yen
(US\$1,192 million)

R&D Expenses:
173.9 billion yen
(Approx. 3.9% of Revenue)

Stock Exchange Listings:
Tokyo (Code:6702), Nagoya



Note:

All yen figures have been converted to U.S. dollars for convenience only at a uniform rate of US\$1 = 108 yen, the approximate closing rate on March 31, 2017.

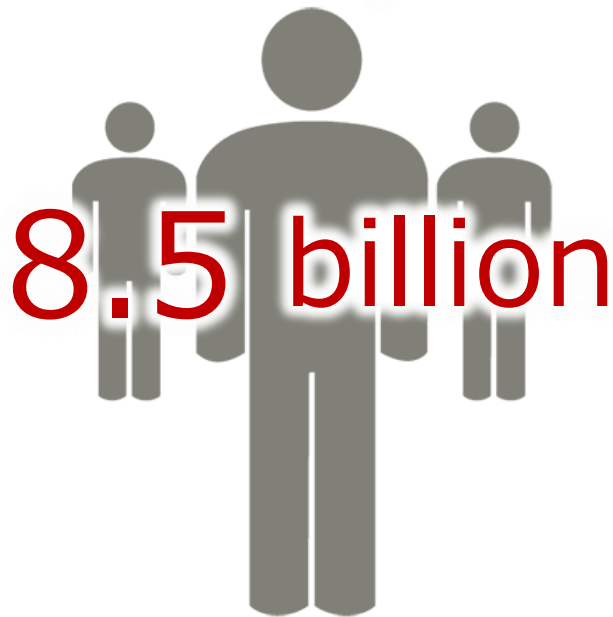
■ Things to be considered for our sustainable future



Population Explosion

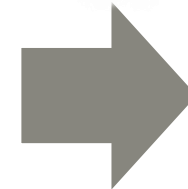
- Redesigning living style is strongly required for our sustainable future

2030
World's Population



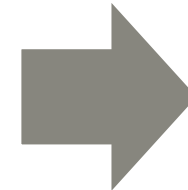
Resources usage by
2030 (vs.2012)

Energy



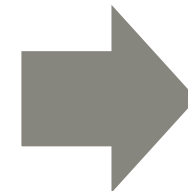
1.5 times


Water



1.4 times


Food



1.35 times


Shared Value at the Global Level

■ Sustainable Development Goals (SDGs)



Paris Agreement



PRESIDENT

SEC

<http://www.un.org/apps/news/story.asp?NewsID=52802#.WTbOuVXyjX4>

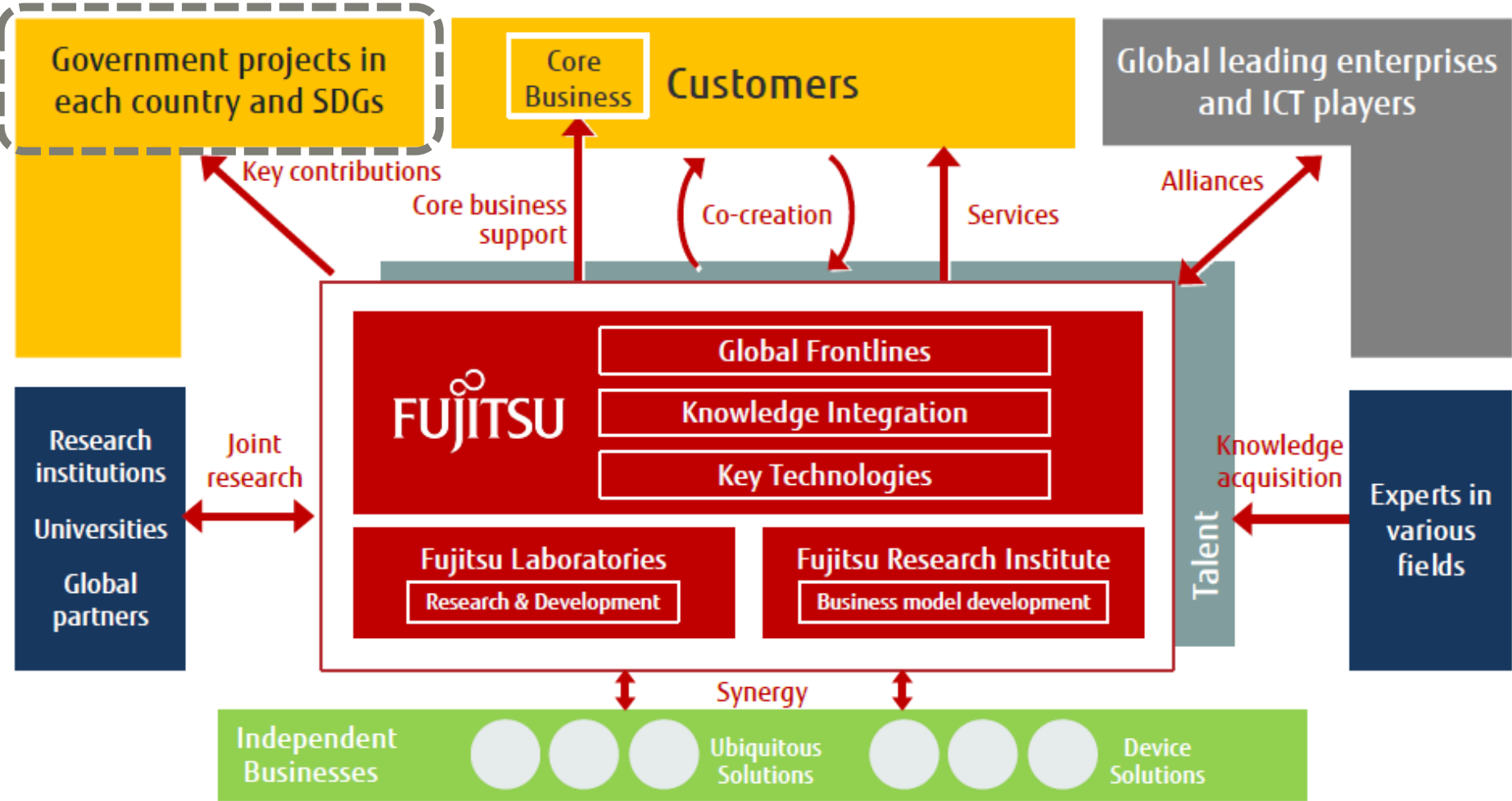
A black and white photograph of three people standing in a data center aisle. The aisle is lined with server racks that have a grid of lights on their doors. The floor is highly reflective, showing the silhouettes of the people and the racks. The lighting is dramatic, with strong highlights and deep shadows.

■ Fujitsu's vision and approaches

FUJITSU Climate and Energy Vision



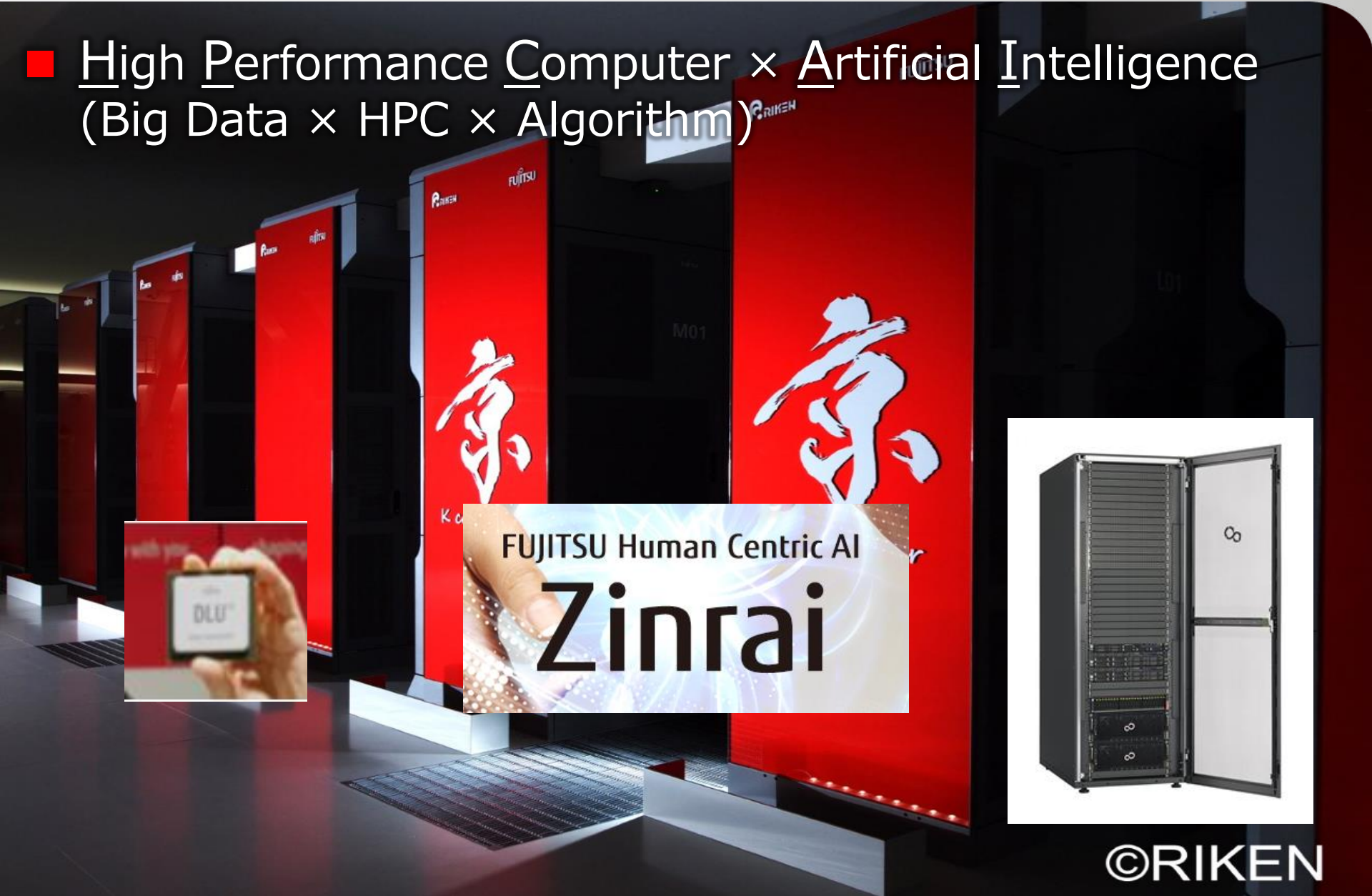
Our Approaches to Social Issues



Ecosystem for "Connected Services"

Key Technologies

- High Performance Computer × Artificial Intelligence
(Big Data × HPC × Algorithm)



FUJITSU Human Centric AI
Zinrai

Disaster Risk Management

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11 SUSTAINABLE CITIES
AND COMMUNITIES



13 CLIMATE
ACTION

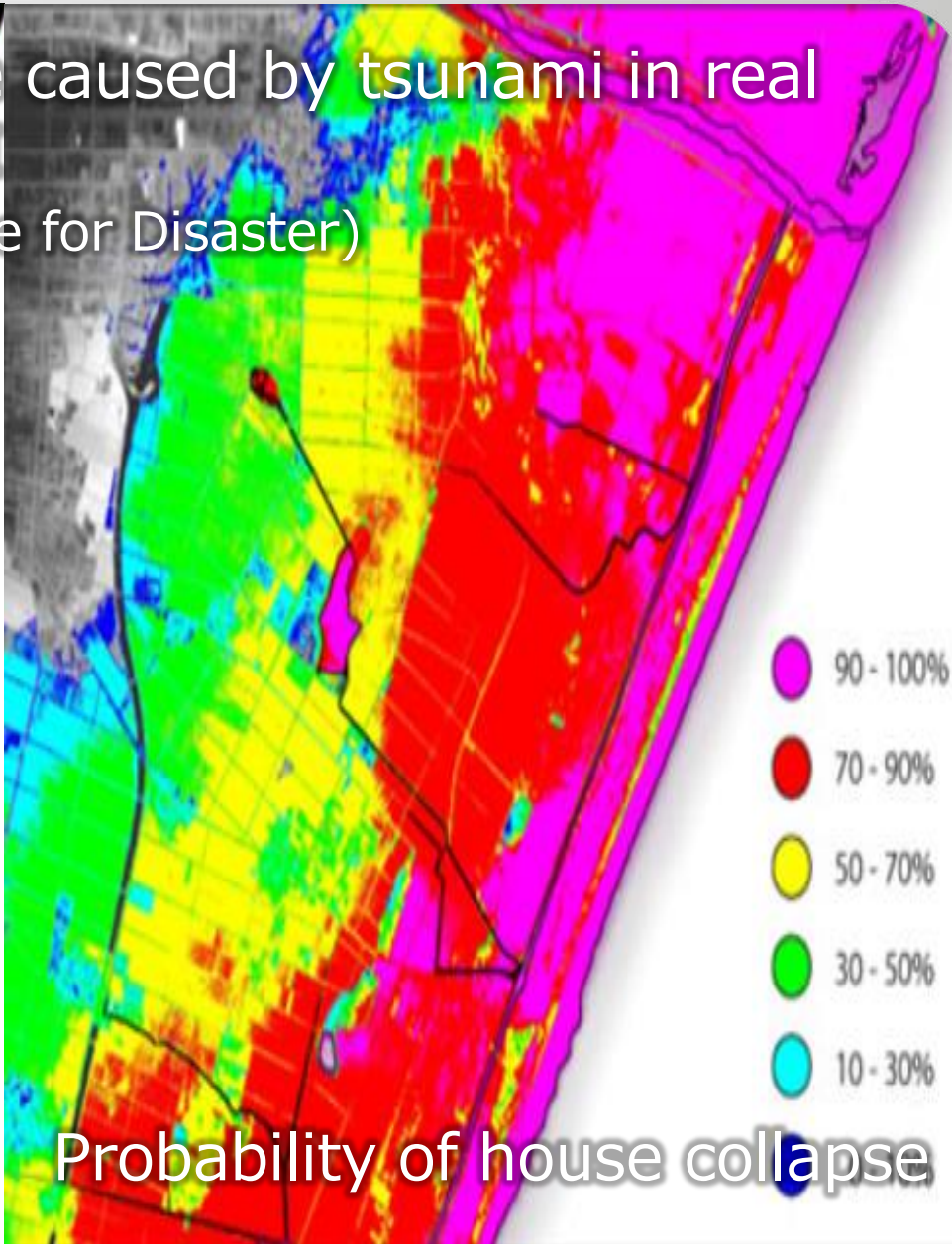
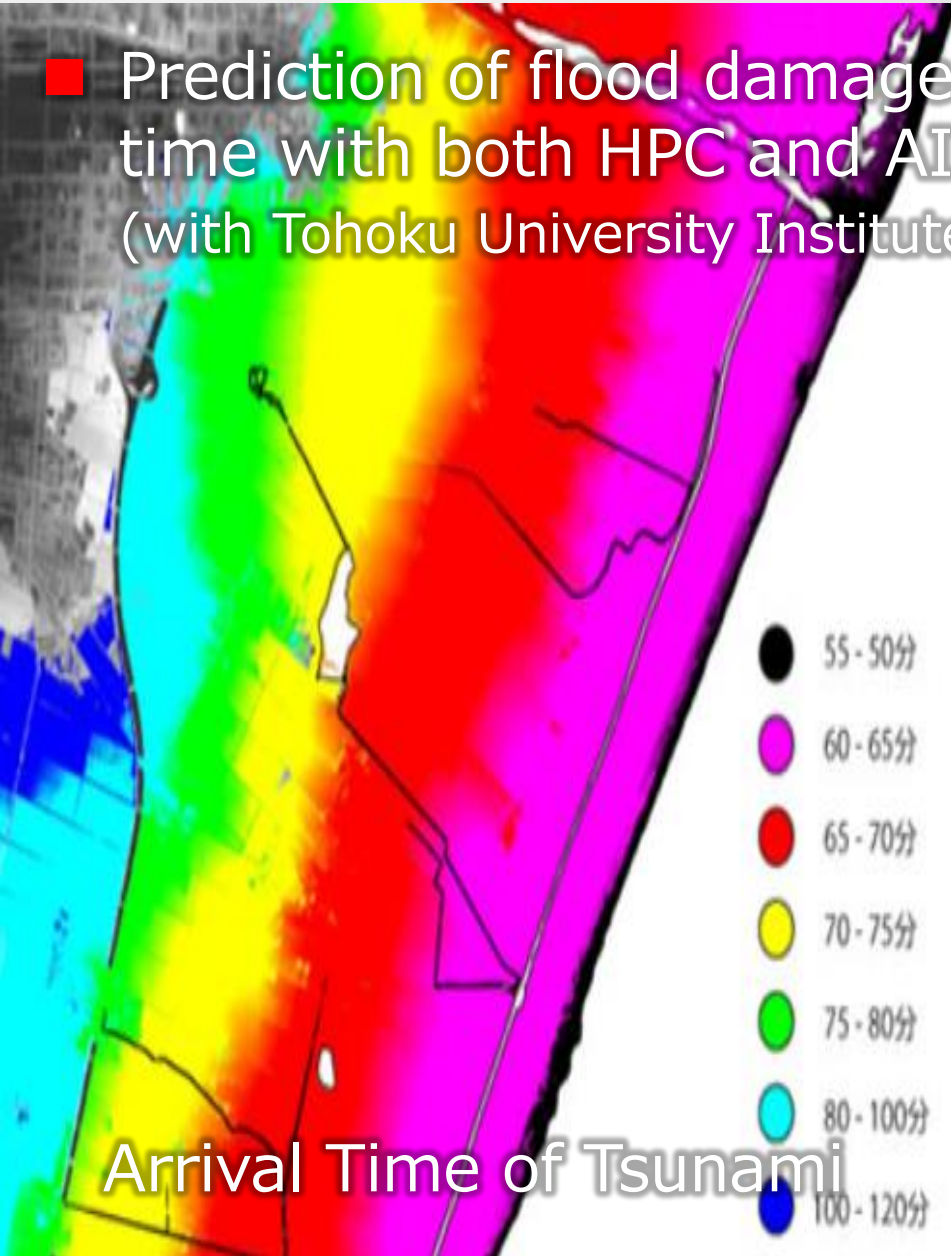


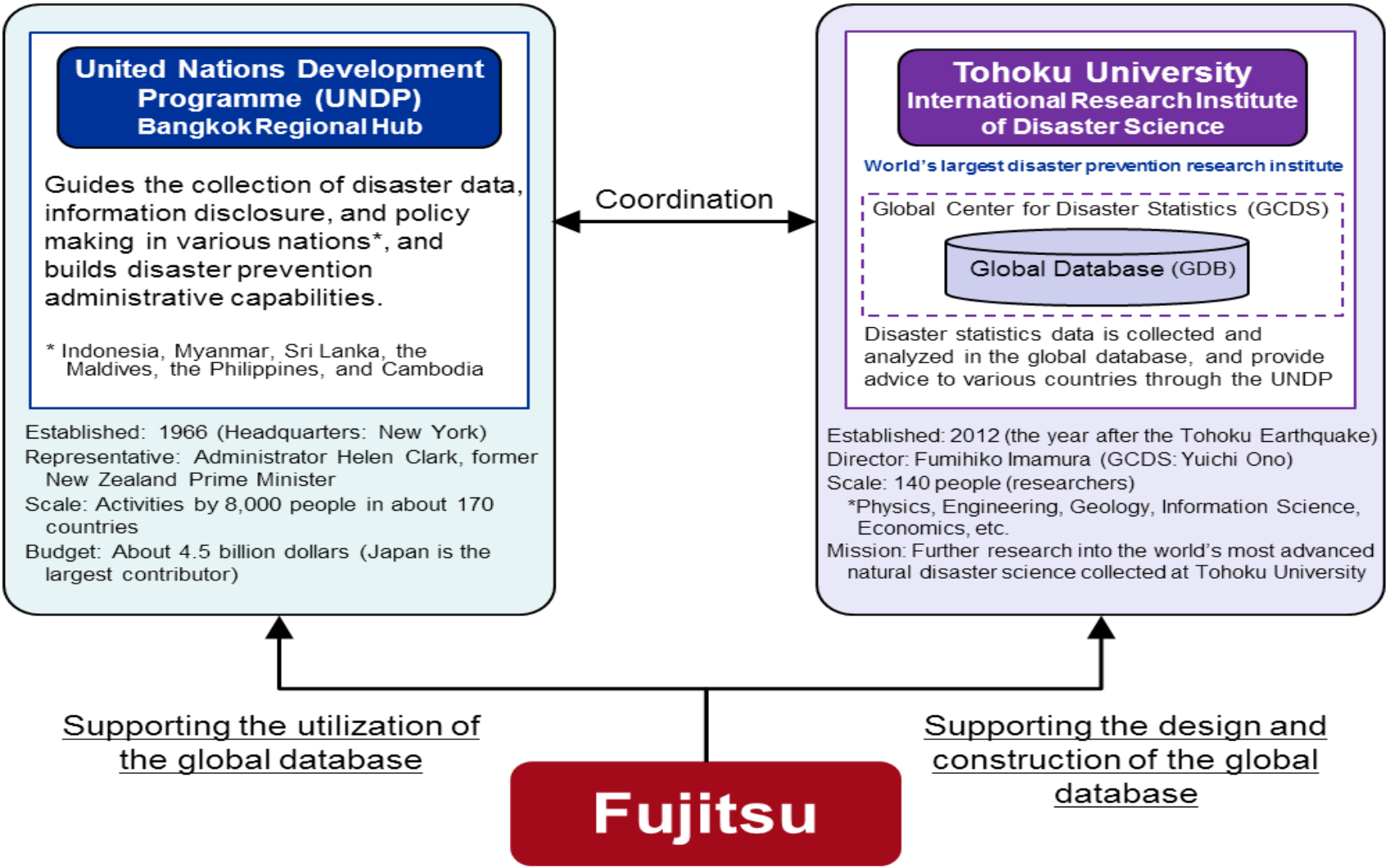
Tsunami Impact Simulation



Tsunami/Flood Damage Prediction

- Prediction of flood damage caused by tsunami in real time with both HPC and AI (with Tohoku University Institute for Disaster)





Supporting the utilization of the global database

Supporting the design and construction of the global database

Smart Mobility

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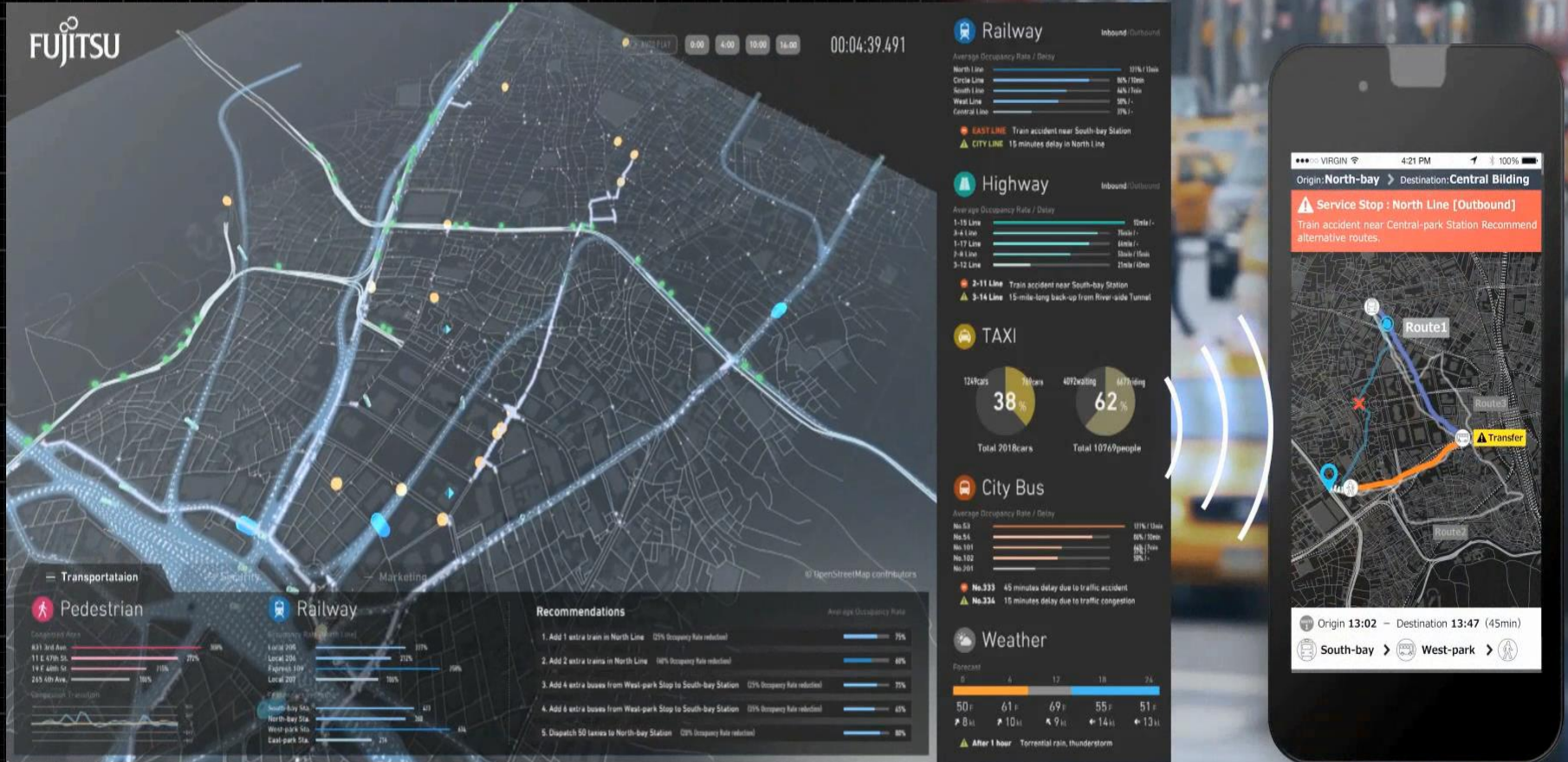
11 SUSTAINABLE CITIES
AND COMMUNITIES



13 CLIMATE
ACTION



Smart Mobility Solution "SPATIOWL"

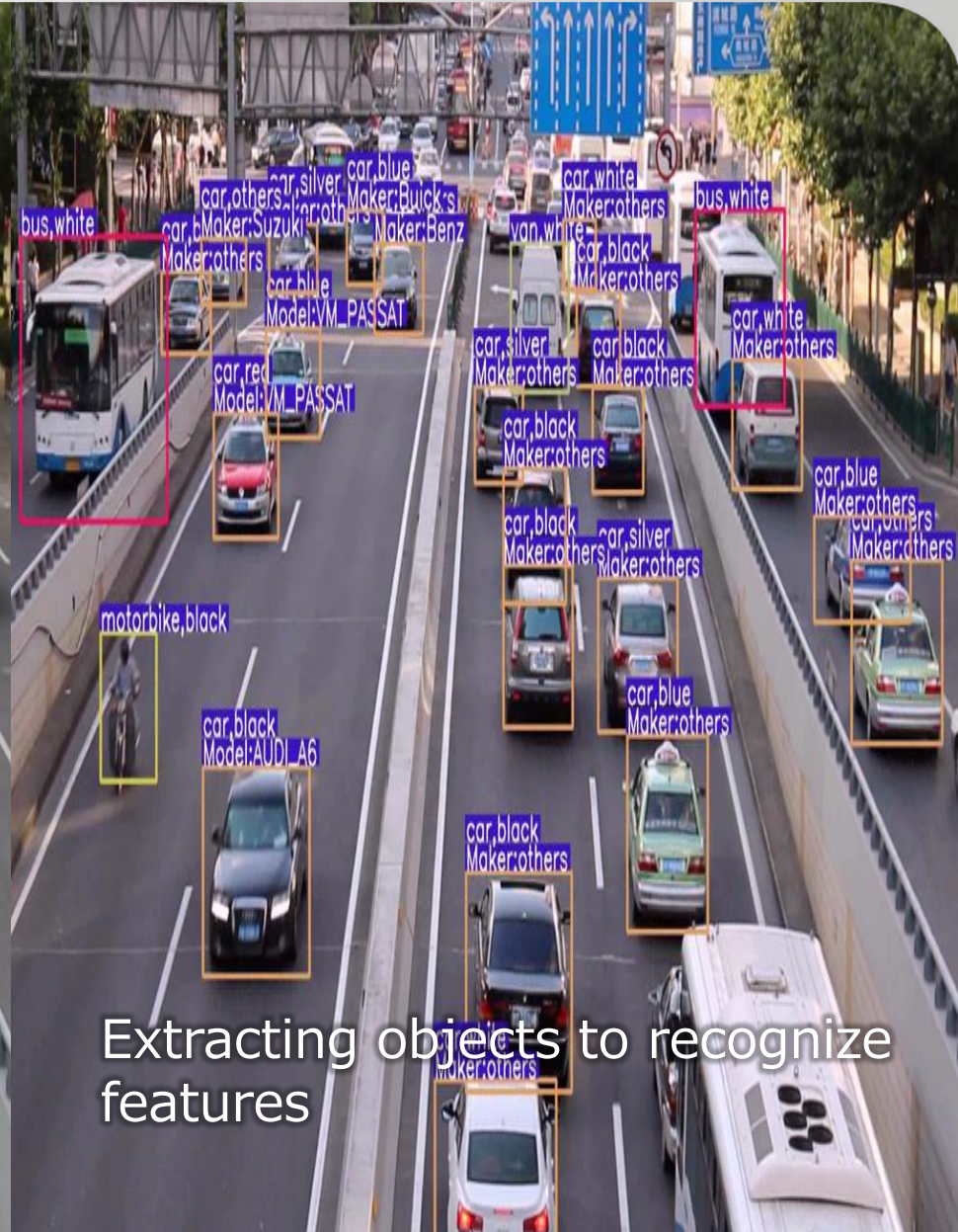


apply ultra-fast analytics and generate real-time information to users

Advanced Urban Monitoring System



Recognizing anomalies on feature information and changes in motion



Extracting objects to recognize features

Smart Manufacturing

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12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION



Smart Manufacturing



It's really helpful for our executives to access information timely and take actions to improve production and operation.

Flexible Production



Health Care

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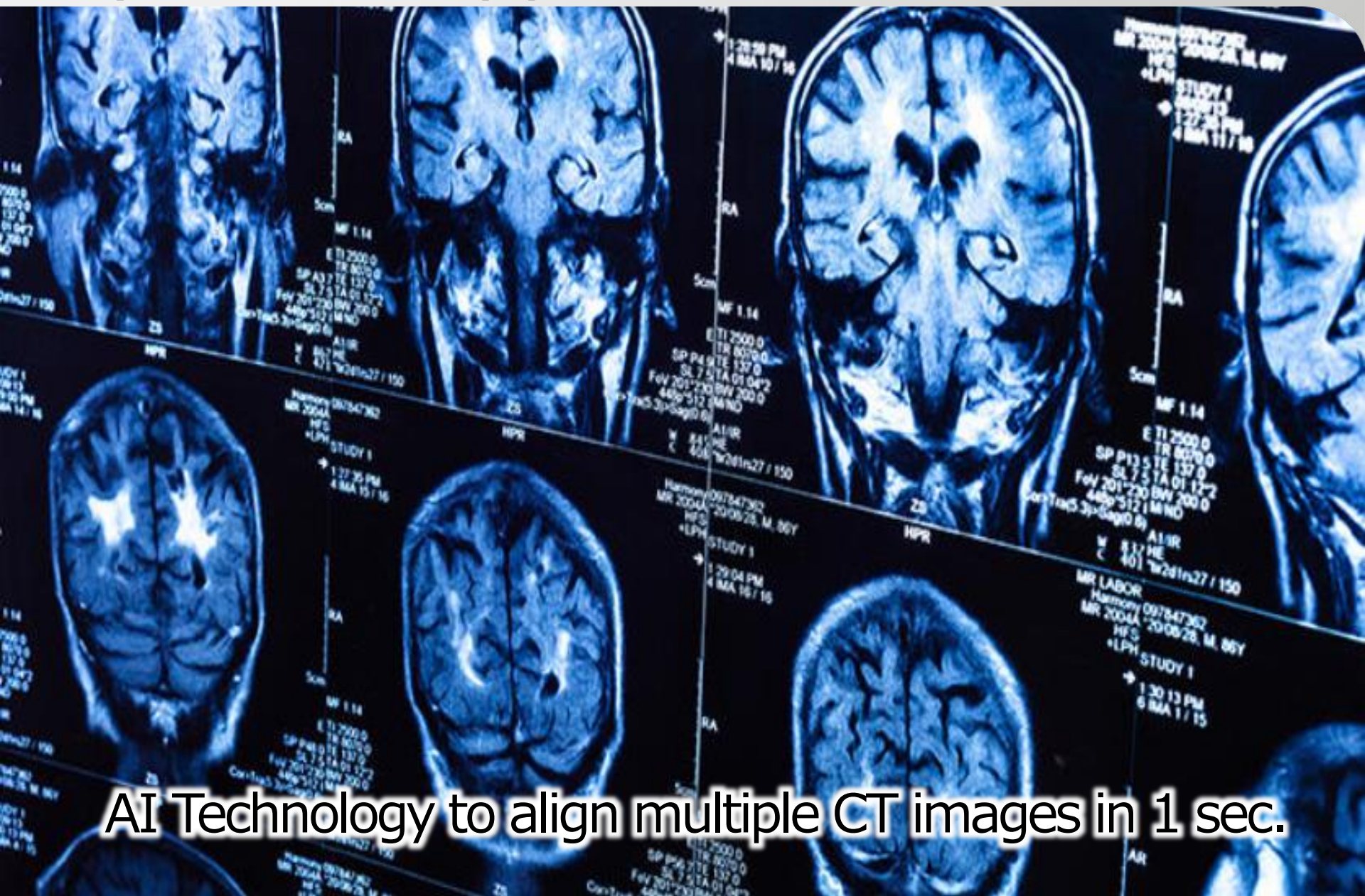
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3 GOOD HEALTH AND WELL-BEING




Physician Support Service



AI Technology to align multiple CT images in 1 sec.



Digital Co-creation



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