

## 発表資料

### Part 1 : RECOVERING FROM A GLOBAL PANDEMIC

#### Panel 1 : Restoring Growth in Global Trade and Investment after the Coronavirus Pandemic

① 鈴木 英夫氏 日本製鉄株式会社 常務執行役員

#### Panel 2: New Rules for New Technologies: Industry 4.0 and Beyond

① 石黒 憲彦氏 日本電気株式会社 取締役 執行役員副社長

### Part 2 : COUNTERING THE CORONAVIRUS CRISIS AND BEYOND: TOWARD SUSTAINABLE GLOBAL GROWTH AND GEOPOLITICAL STABILITY

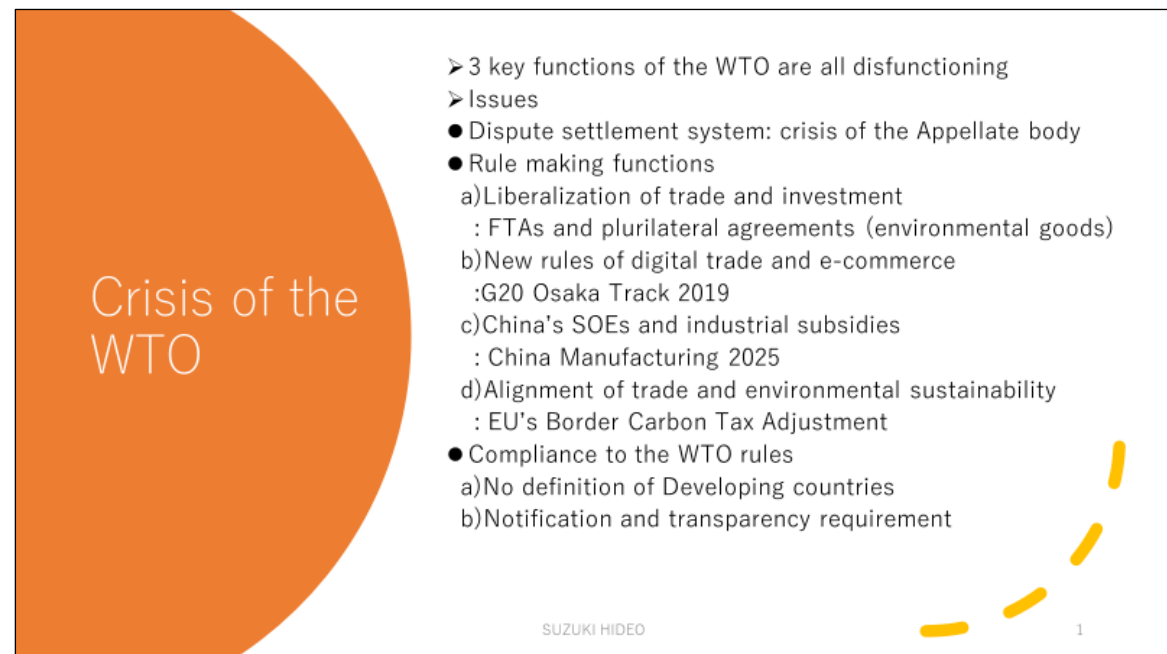
#### Panel 3: The Role of Japanese and European Connectivity

① 細谷 雄一氏 慶應義義塾大学法学部教授

② 小掠 義之氏 日立ヨーロッパ社 相談役

## Part 1 Panel 1

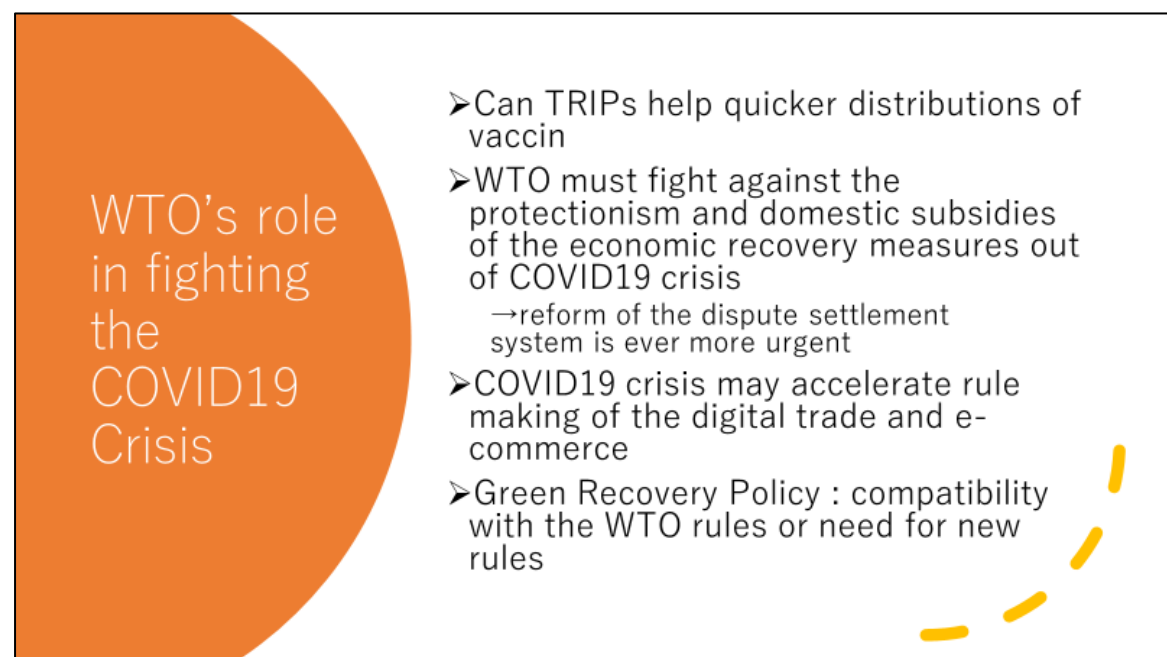
①鈴木 英夫氏



Crisis of the WTO

- 3 key functions of the WTO are all disfunctioning
- Issues
  - Dispute settlement system: crisis of the Appellate body
  - Rule making functions
    - a) Liberalization of trade and investment
      - : FTAs and plurilateral agreements (environmental goods)
    - b) New rules of digital trade and e-commerce
      - : G20 Osaka Track 2019
    - c) China's SOEs and industrial subsidies
      - : China Manufacturing 2025
    - d) Alignment of trade and environmental sustainability
      - : EU's Border Carbon Tax Adjustment
  - Compliance to the WTO rules
    - a) No definition of Developing countries
    - b) Notification and transparency requirement

SUZUKI HIDEO 1



WTO's role in fighting the COVID19 Crisis

- Can TRIPs help quicker distributions of vaccine
- WTO must fight against the protectionism and domestic subsidies of the economic recovery measures out of COVID19 crisis
  - reform of the dispute settlement system is ever more urgent
- COVID19 crisis may accelerate rule making of the digital trade and e-commerce
- Green Recovery Policy : compatibility with the WTO rules or need for new rules

## Japan and EU Partnership

- Japan and EU fully share the importance of multilateral rules-based trade and investment system
- President Trump's America First Policy is a big obstacle: wait for US political change
- Setting basic principals and directions by Trilateral Meeting of the Trade Ministers
- Collaboration in Negotiations in Geneva
- Rules of CPTPP shall be a guiding principal informing new rule making in the WTO
- Upgrading plurilateral agreements

## Part 2 Panel 2

①石黒 憲彦氏

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## New Technologies Towards 'New Normal' Era

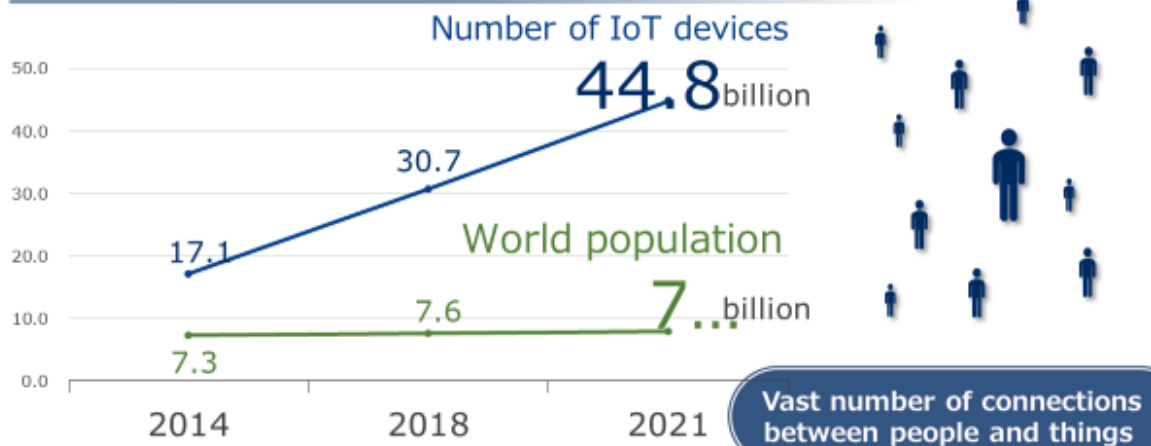
October 8, 2020

Norihiko Ishiguro

Senior Executive Vice President and Member of the Board  
NEC Corporation

## Progress of Digital Transformation

Wave of rapidly progressing digitization



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## 5G Deployments for Telecom Operators

### World first commercial 5G Open RAN

NTT docomo

- NEC integrates its 5G RAN Radio Unit via O-RAN compliant Open Front haul in NTT DOCOMO network
- Best-of-breed selection to suit for different scenarios – NEC proactively participated for the RAN multi-vendor interoperability



### World first commercial 5G Open virtualized RAN

Rakuten Mobile

- NEC provides network optimization service for fully virtualized, end-to-end cloud-native 5G network
- NEC deploys O-RAN compliant RAN Radio Unit with Massimo MIMO antenna and cloud-native converged 5G Core



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## Value required under the influence of COVID-19



### Remote/Touchless

Visualize non-mask / fever people by remote video and non-contact sensing in real time.



### Automation

Realize business continuity and infection prevention by remote device control and unmanned transport.



### Trust

Protect privacy and safely exchange information such as quarantine or medical history.



### Resilience

Understand people flow and logistics in real time and flexibly optimize the supply chain.

Orchestrating a brighter world

**NEC**

## Panel 3

①細谷 雄一氏

4<sup>th</sup> JEF-DGAP International Symposium, “A Brave New Economic World Order”

October 8, 2020

Panel 3: The Role of Japanese and European Connectivity

### Japan’s Strategy for the “Free and Open Indo-Pacific” Vision

Yuichi Hosoya (Keio University)

#### 1. Connective “Two Continents” and “Two Oceans”

- Japan aims to connect sub-regions within the Indo-Pacific region to accelerate economic growth.

*“Japan has been promoting the “Free and Open Indo-Pacific Strategy.” The Indo-Pacific Ocean links rapidly growing Africa, the Middle East, Asia, and North America. It is indispensable for Japan, US, and like-minded countries such as India and Australia to maintain and develop a free and open maritime order based on the rule of law in this region. ... Japan also intends to pursue economic prosperity through the reinforcement of connectivity by improving infrastructures, such as seaports and railways and roads.”*

(Speech by Foreign Minister Taro Kono at Columbia University “Diplomacy in Creeping Crises”, September 21, 2017).

Japan has been connecting “**two continents**” and “**two oceans**”. The aim is to improve “connectivity” between Asia and Africa through free and open Indo-Pacific, and promote stability and prosperity of the region as a whole.

#### 2. Three Pillars of the “Free and Open Indo-Pacific” Vision

- ① Freedom of navigation and the rule of law:
- ② Connectivity:
- ③ Capacity building:

*“The Indo-Pacific region, which extends from the Asia-Pacific through the Indian Ocean to the Middle East and Africa, is **the core of global development** where more than half of the global population resides. I am sure that **maintaining and strengthening a free and open maritime order of the Indo-Pacific region as a “global common”** will bring **stability and prosperity** equally to all countries in this region.*

(Foreign Minister Taro Kono, Foreign Policy Speech to the 196<sup>th</sup> Session of the Diet, January 22, 2018).

### 3. The Co-existence of the Two Strategies

- Prime Minister Shinzo Abe clarified that Japan was ready for supporting China's Belt and Road Initiative (BRI) with conditions.

*“Reversing his position, Prime Minister Shinzo Abe has indicated that Japan is ready to cooperate with China's “One Belt, One Road” (OBOR) initiative for cross-continental infrastructure development under certain conditions. He is also now willing to consider Japan joining the China-initiated Asian Infrastructure Investment Bank (AIIB) — of which Japan, along with the United States, sat out when it was set up in 2015 — once doubts about its governance and operation are cleared.”*

(“The Editorial: Japan and ‘One Belt, One Road’”, *The Japan Times*, June 24, 2017)

- At the Japan-China Summit meeting on July 8, 2017, Prime Minister Shinzo Abe and President Xi Jinping shared the following view.

*“Japan and China will discuss **how to contribute** to the stability and prosperity of the region and the world, **including the One Belt, One Road initiative.**”*

- Prime Minister Abe and Prime Minister Li Keqiang reaffirmed the importance of coordinate Japan's and China's strategy for the regional stability and prosperity at the summit meeting on November 13, 2017.

*“Both sides shared the view that they will discuss approaches for Japan and China to contribute to the stability and prosperity of the region and the world, **including “the Belt and Road Initiatives.”***

### 4. The Limit in Japan-China Cooperation

- Japan's approach to the FOIP has become less dynamic as the current U.S.-China's rivalry becomes more tensed than before.
- PM Abe remains firm on his strong belief in the importance of the U.S.-Japan alliance as the cornerstone for the stability in the Indo-Pacific region. However, both President Trump and President Xi, leaders of the two strongest powers, are much less so.
- In the current environment, Japan's government continues to enhance its partnership with like-minded powers, such as the UK, France, Australia, India, Canada among others. As the key country that created both the TPP and the EU-Japan EPA/SPA, Japan needs to further consolidate the rules-based international order which is based on important norms such as democracy, free trade, human rights and freedom of navigation.

## 5. Japan's Strategy for a Stronger Japan-EU Partnership

- Under the increasing confrontation between the U.S. and China, Japan is enhancing its cooperation with the EU to consolidate the rules-based connectivity.

*"We are in an age where the values and principles we have held dear could waver or drift. And yet the EU and Japan, two poles on both ends of Eurasia, forged an SPA and made it begin with a resounding declaration. / The declaration made is that Japan and the EU are able to continue their deep and long-lasting cooperation as strategic partners because they share common values and principles. That is because those values and principles constitute the basis for their cooperation."*

*"Whether it be a single road or a single port, when the EU and Japan undertake something, we are able to build sustainable, comprehensive, and rules-based connectivity, from the Indo-Pacific to the Western Balkans and Africa. / We are able to engender connectivity that is not merely "connecting things" but rather "connecting things well."*

(Speech by Shinzo Abe, "'Japan and the EU: The Strong and Steady Pillars Supporting Many Bridges"— Keynote Speech by the Prime Minister at the Europa Connectivity Forum, September 27, 2019)

## Panel 3



②小掠 義之氏



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Countering the Coronavirus Crisis and Beyond: Toward Sustainable Global Growth and Geopolitical Stability

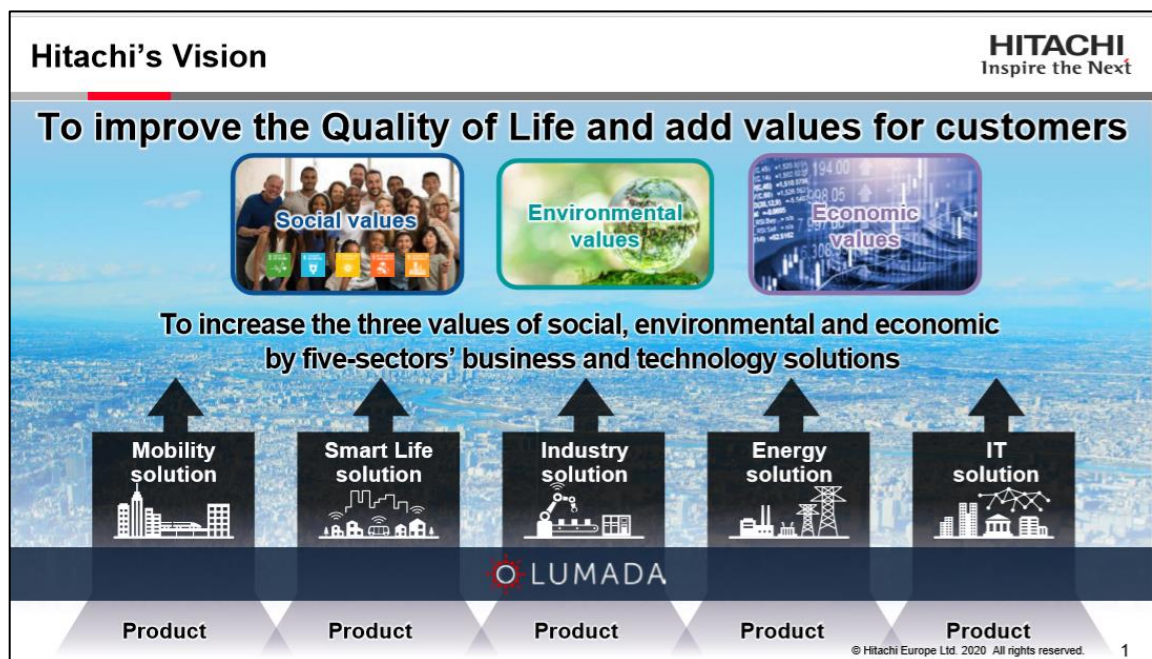
## The Role of Japanese and European Connectivity

October 8, 2020

**Yoshiyuki Ogura**

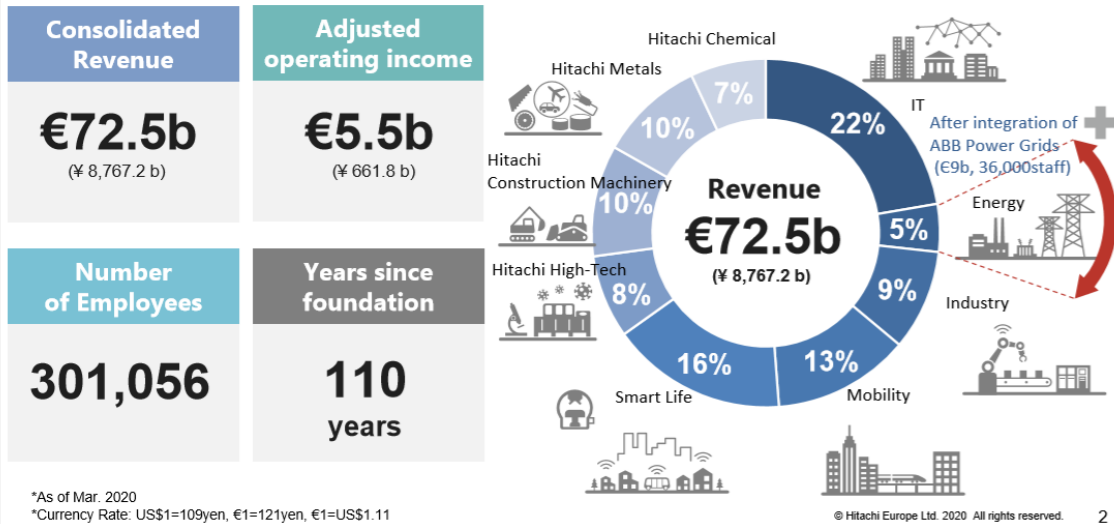
Senior Executive Advisor of Hitachi Europe Ltd.  
Managing Director of Hitachi Europe GmbH

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## Hitachi at a glance

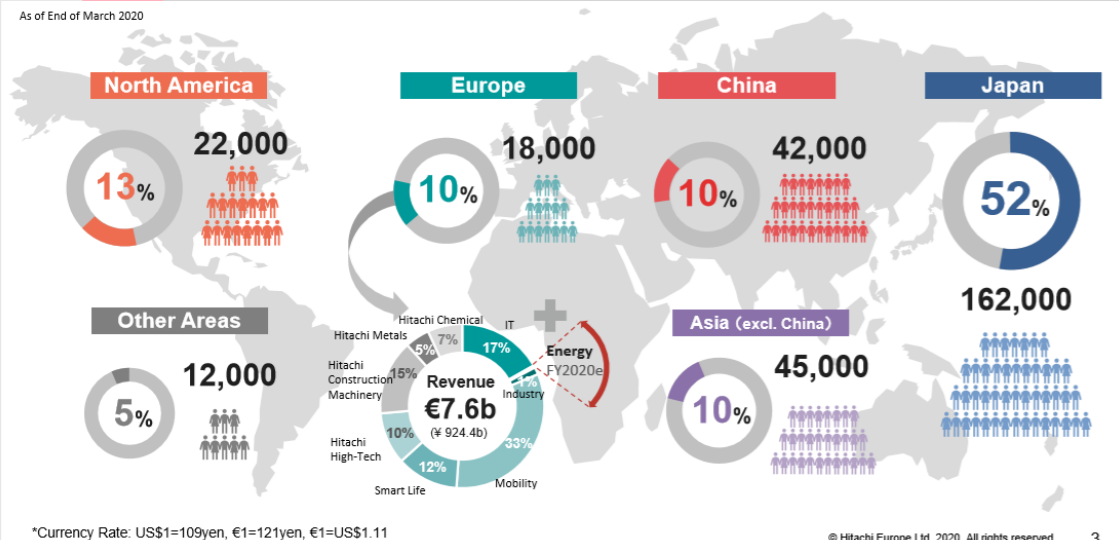
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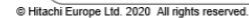
## Regional Revenue & Employees

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As of End of March 2020



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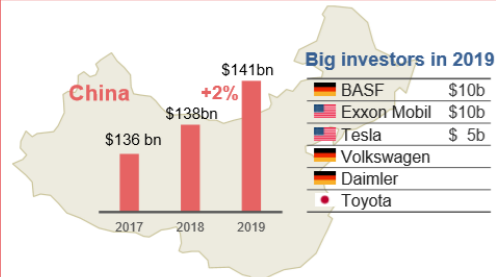
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## Chinese FDI Inflow & Outflow

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### FDI Inflow Transition



#### Big investors in 2019

Germany	BASF	\$10b
USA	Exxon Mobil	\$10b
USA	Tesla	\$ 5b
Germany	Volkswagen	
Germany	Daimler	
Japan	Toyota	

#### Major Investments by country

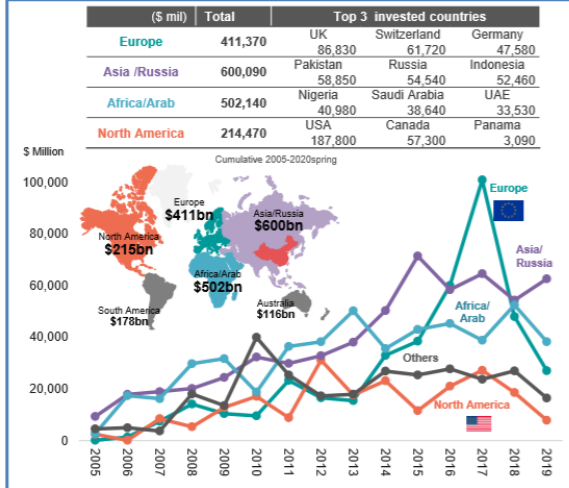
Singapore, Virgin Islands, South Korea, Japan, USA, Cayman Islands, Netherlands, Taiwan, and Germany

#### Investments by various industries

Manufacturing, computer services, real estate, leasing business and services, wholesale and retail trade, financial intermediation, scientific research, transport, electricity, and construction.

Source: UNCTAD

### FDI Outflow Transition



## The Role of Japanese and European Connectivity

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## The future of electrified transportation today

On-board wireless maintains connectivity with Digital Enterprise at all times

Lumada data services

Digital Enterprise and e-mesh SCADA

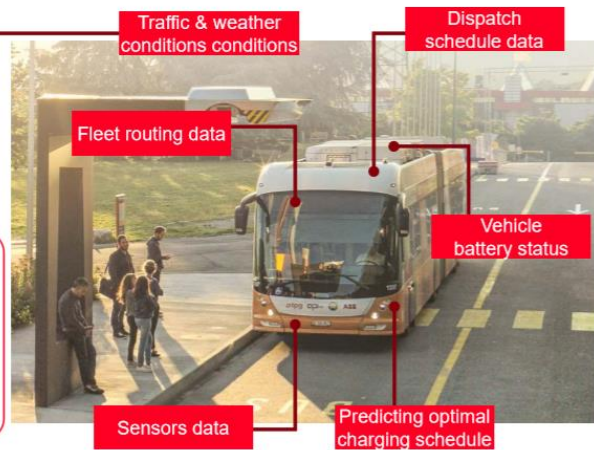
Supervision and orchestration

### Electrified depot

Grid connection  
Charging stations  
Battery storage

### Depot functions

- Concurrent charging
- Charge needed based on dispatched route
- Condition monitoring
- Load monitoring
- Maintenance



## Hitachi's Role in European Connectivity

**Mobility**

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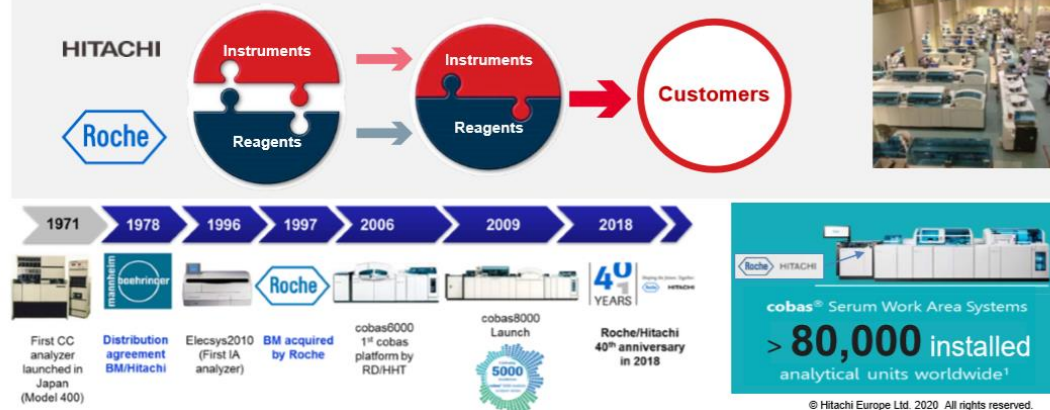
## Hitachi's Role in European Connectivity

**Healthcare**

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Hitachi contributes to the health of people around the world for more than 40 years in collaboration with Roche Diagnostics

### System Collaboration Business



## Germany-Japan Collaboration for Digital Society Industrie 4.0 & Society 5.0

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### Published the Vision of Human-Machine Interaction in Digital Society



Leader  
Prof. Kagermann



Co. Leader  
Dr. Nonaka

Stepping forward from the discussion that digitalization will replace human to machine, a way of coexistence between human and machine was proposed, where human can perform their creativity for lifetime.



Project Organization



### acatech Discussion Paper Revitalizing Human-Machine Interaction for the Advancement of Society

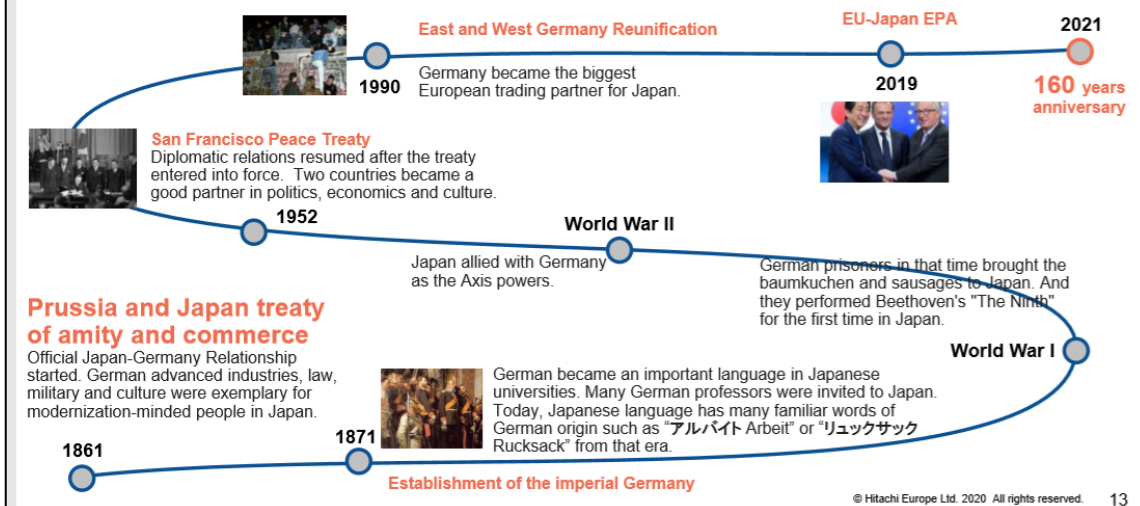
<https://en.acatech.de/publication/revitalizing-human-machine-interaction-for-the-advancement-of-society-perspectives-from-germany-and-japan/>

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## 160 years anniversary in 2021 "Treaty of Amity and Commerce Prussia and Japan"

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### Historical relationship between Germany and Japan leads European Connectivity



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160 years anniversary in 2021  
“Treaty of Amity and Commerce Prussia and Japan”

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