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**World Economic Forum Centre for  
the Fourth Industrial Revolution Japan**

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# World Economic Forum Centre for the Fourth Industrial Revolution



## What is the C4IR?

- Part of the World Economic Forum
- New hub in SF that brings together governments, businesses, civil society, academia and start ups to bridge the gap between policy and technology

## How do we bridge the gap?

Teams co-design new policies for emerging technology (AI,AV,etc)

## How are we different?

Governments and Businesses commit to piloting the policies we develop

# Centre for the Fourth Industrial Revolution Japan



## The Centre for the Fourth Industrial Revolution Network

Anchored in San Francisco Since March 2017

**C4IR Japan**

Since July 2018



**C4IR China**  
Since September 2018

**C4IR India**  
Since October 2018



# 2019: Starting Year For Global Data Governance “Data Free Flow with Trust”



## Utilizing data effectively in all areas of society is the key to the Fourth Industrial Revolution

From Prime Minister Abe's Davos Speech:  
**Osaka Track for Data Governance**

*I would like Osaka G-20 to be long remembered as the summit that started worldwide data governance.*

*In Society 5.0, it is no longer capital but data that connects and drives everything.*

*Let Osaka G20 set in train a new track for looking at data governance--call it the Osaka Track.*



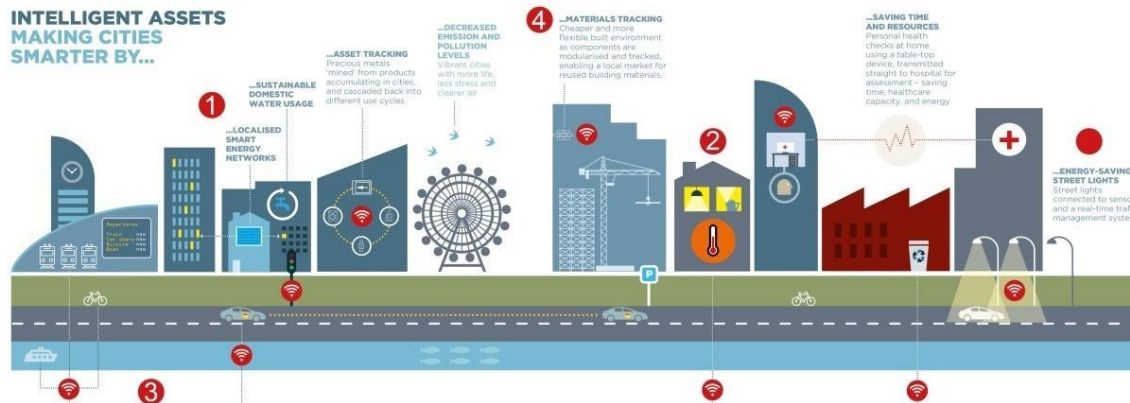
**Prime Minister Abe speaking at the World Economic Forum Annual Meeting in Davos-Klosters, Switzerland, January, 2019**

# Smart City Project

## Smart City as a 'Container' for the Realization of Society 5.0

Cities should take the lead in implementing data governance by

- sharing experiences and best practices among **coalition** of cities
- adopting a shared set of guiding **principles** on smart cities





# A new multi-stakeholder collaboration

**C4IR Japan**  
Since July 2018



World Economic Forum



Asia Pacific Initiative

## Project Workshops



## Executive Discussions



## G20 Summit process



*Murat Sonmez moderated  
'Panel Discussion  
(3) Digitalisation for All'*



*C4IR Japan became an advisory  
partner of U20 Mayors Summit  
Tokyo 2019  
Jeff Merritt moderated  
'Session 4: Sustainable Economic  
Growth'*

### G20 Ministerial Meeting for Trade and Digital Economy

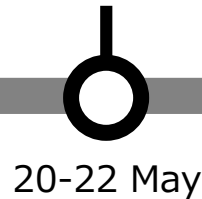
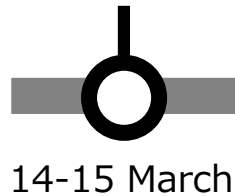
#### 34) Smart Cities

To contribute to sustainable and inclusive growth in urban areas where most of the world's population and energy consumption are concentrated, the G20 encourages networking and experience-sharing among cities for the development of smart cities, recommended by the Business 20 and the Urban 20. Implementations of smart cities should take into account transparency, resiliency, privacy, security, efficiency, and interoperability. Cities and networks of cities that express an interest may join a Global Smart City Coalition, which has been proposed to be established in October. The G20 notes the upcoming "Super City/Smart City Forum" planned to be held on 29th of June in Osaka.

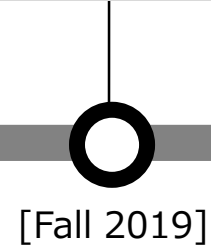
# We Want Your City and City Network to Join

Contact us if you are a city or a city network interested  
in the Global Smart City Coalition

**Shigehiro Muraki**  
**[Shigehiro.Muraki@weforum.org](mailto:Shigehiro.Muraki@weforum.org)**



Launch G20  
Global Smart  
City Coalition



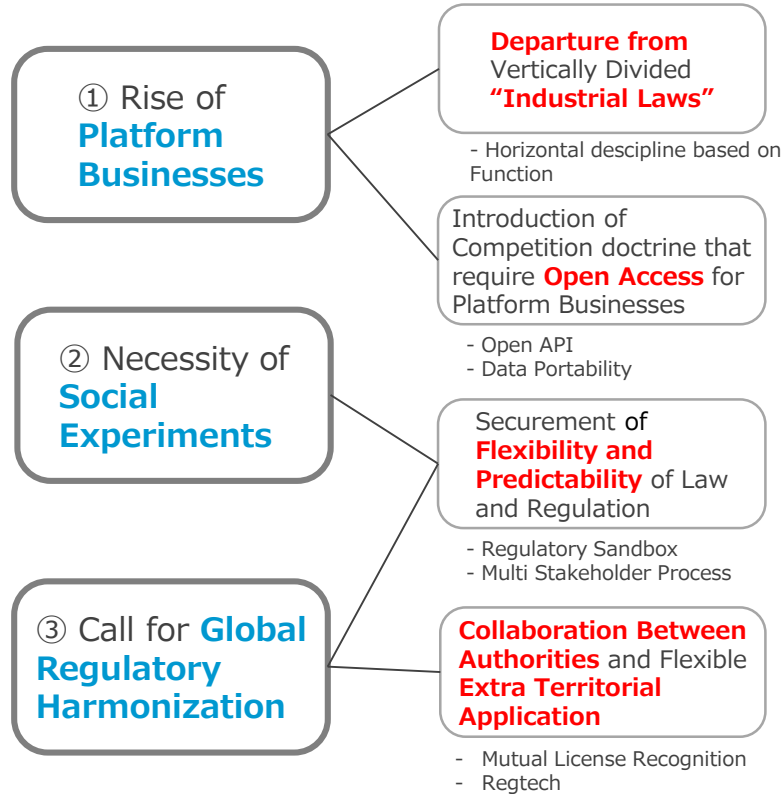


## Appendix

# The “Innovation and Law” Study Group – Proposals for Reform-

## (1) Transformation of Social and Industrial Structure

The social and industrial structure, the historical background that the current law supposes and is based upon, is transforming through innovation.



## (2) Principles of Law

Re-examination of the original legal interest protected that propel and push forward innovation is desired.

## (3) Specific Agendas and Solutions

Specific agendas that are now occurring and conceivable solutions in each business area.

### ① Existing Laws Do Not Apply

- ◆ Rideshare [Road Transportation Act]
- ◆ Bed and Breakfast [Hotel Business Act, House Rental Business Act/New Hotel Business Act]
- ◆ Settlement [Payment Services Act, Installment Sales Act, Banking Act]
- ◆ PtoP Lending [Money Lending Business Act]
- ◆ Social Investment [Financial Instruments and Exchange Act]
- ◆ PtoP Insurance [Insurance Business Act]
- ◆ E-Commerce [Liquor Tax Act, Pharmaceuticals and Medical Devices Act etc]
- ◆ Bank Agency Business [Banking Act]

### ② The Lack of Predictability is Causing a Chilling Effect

- ◆ Mobility as a Service “MaaS” [Road Transport Vehicle Act etc]
- ◆ Real Estate [Real Estate Brokerage Act]
- ◆ Healthcare [Medical Practitioner’s Act, National Health Insurance Act, Pharmaceuticals and Medical Devices Law etc]

### ③ Global Regulatory Harmonization remain unrealized

- ◆ Taxation System, Tax Administration [Tax Laws]
- ◆ Money Transfer [Payment Services Act]
- ◆ Cloud Funding [Money Lending Business Act]
- ◆ BtoB Finance [Interest Rate Restriction Act, Capital Subscription Law]
- ◆ Know Your Customer [Act on Prevention of Transfer of Criminal Proceeds]

### ④ Regulation Created Suitable Competitive Environments

- ◆ Outer Space [Space Law]
- ◆ Virtual Currency [Payment Services Act]
- ◆ Open API and Data Portability [Industry Laws]

# Overview of The “Innovation and Law” Study Group



In February 2017, legal and innovation experts were invited to discuss and examine the desirable discipline for "technology companies operating electronic systems dealing with transaction big data" that are rapidly emerging in various fields as we face the AI / IoT era.

The members were on an invite-only basis, and participated based on their individual responsibility and qualification without representing their organization. To ensure free speech and a zero based and cross-industrial discussion, the Chatham House Rule (where the remarks in the conference are quoted in a way that the speaker will not be presumed or specified) has been adopted.

## ◆ Agendas

### Cross-Sectional Panoramic View

(Banking Act, Moneylending Control Act, Financial Instruments and Exchange Act, Bank Agency Business, Payment Service Act, Credit and Fintech, Hotel Business Act/House Rental Business Act/Bed and Breakfast, Virtual Currency, Insurance, Healthcare, Outer Space, Real Estate, Public and Private Data Utilization, Regulatory Sandbox etc)

<1<sup>st</sup> Round> Feb 24

<2<sup>nd</sup> Round> Mar 17

<3<sup>rd</sup> Round> Apr 18

<4<sup>th</sup> Round> April 28

### Preparation for Proposal

<5<sup>th</sup> Round > June 29

### Discussion and Composition of Proposal

<6<sup>th</sup> Round > Sep 20

<7<sup>th</sup> Round > Oct 20

<8<sup>th</sup> Round > Oct 27

<9<sup>th</sup> Round > Dec 7

## ◆ Members

Lawyer TMI Associates	Haruo Narimoto
Lawyer Nishimura & Asahi	Hideki Katagiri
Lawyer Link Partners Law Firm	Hiroyuki Totake
Lawyer Nishimura & Asahi	Atsushi Mizushima
Lawyer Mori Hamada & Matsumoto	Masakazu Masujima
Lawyer Baker McKenzie	Masato Honma
Lawyer TMI Associates	Mihoko Shintani
Lawyer Atsumi & Sakai	Takafumi Ochiai
Lawyer Nagashima Ohno & Tsunematsu	Akihisa Shiozaki
Lawyer Nagashima Ohno & Tsunematsu	Soichiro Fujiwara
Lawyer Nishimura & Asahi	Susumu Tanizawa
Lawyer Yamashita, Tsuge & Nimura	Takamitsu Nagai
Lawyer Mori Hamada & Matsumoto	Takane Hori
Lawyer Nagashima Ohno & Tsunematsu	Taku Umezawa
Lawyer Atsumi & Sakai	Yuri Suzuki
IGPI Partner	Makoto Shiono
Ernst & Young Tax Co. Senior Manager	Shigeru Ueda
Cabinet Secretariat Japan's Economic Revitalization Bureau	Hirohiko Nakahara
	Kyuichiro Sano
Ministry of Finance Financial Bureau Market Finance Division	Kazutoshi Sugimura



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