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

<table>
<thead>
<tr>
<th><strong>What is the C4IR?</strong></th>
<th><strong>How do we bridge the gap?</strong></th>
<th><strong>How are we different?</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Part of the World Economic Forum</td>
<td>Teams <strong>co-design</strong> new policies for emerging technology (AI, AV, etc)</td>
<td>Governments and Businesses commit to piloting the policies we develop</td>
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<td>- <strong>New hub</strong> in SF that brings together governments, businesses, civil society, academia and start ups to bridge the gap between policy and technology</td>
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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.
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

Project Workshops

Executive Discussions
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

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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.

① Rise of Platform Businesses
- Departure from Vertically Divided “Industrial Laws”
  - Horizontal discipline based on Function
- Introduction of Competition doctrine that require Open Access for Platform Businesses
  - Open API
  - Data Portability
- Securement of Flexibility and Predictability of Law and Regulation
  - Regulatory Sandbox
  - Multi Stakeholder Process
- Collaboration Between Authorities and Flexible Extra Territorial Application
  - Mutual License Recognition
  - Regtech

② Necessity of Social Experiments

③ Call for Global Regulatory Harmonization

(2) Principles of Law
Re-examination of the original legal interest protected that propel and push forward innovation Is desired.

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]
- PoP Lending [Money Lending Business Act]
- Social Investment [Financial Instruments and Exchange Act]
- PoP 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]
- B2B 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 Date Portability [Industry Laws]

(3) Specific Agendas and Solutions
Specific agendas that are now occurring and conceivable solutions in each business area.

① Existing Laws Do Not Apply

② The Lack of Predictability is Causing a Chilling Effect

③ Global Regulatory Harmonization remain unrealized

④ Regulation Created Suitable Competitive Environments
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
- <1st Round> Feb 24
- <2nd Round> Mar 17
- <3rd Round> Apr 18
- <4th Round> April 28

Preparation for Proposal
- <5th Round > June 29

Discussion and Composition of Proposal
- <6th Round > Sep 20
- <7th Round > Oct 20
- <8th Round > Oct 27
- <9th 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
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