

Designing Resilient
Cities through
Data-Driven
Solutions in a
Riskier World

Lessons learned
from Japan and the
world

データ利活用
によるレジリ
エントな都市
のデザイン

日本と他国か
ら学ぶ教訓



Designing Resilient Cities through Data-Driven Solutions in a Riskier World

Lessons learned
from Japan and the
world

Agenda

June 20th 9:00 AM

Learn how cities
can leverage
the power of
data

9:00 -
9:25

Explore the importance of building the foundation of data ecosystems; learn how cities can leverage the collective power of data to promote resilience and sustainable development.

Listen to
successful
stories of data
utilization from
around the
world

9:25 -
10:00

Fireside chat with the Mayor Fuji of Toyama City.

10:00 -
11:00

Engaging panel discussion of representatives from: Kobe, Japan, Semarang Indonesia , Kenya and Ukraine.

Break

11:00 -
11:10

Try it for
yourself:
in a hands-on
experience with
a powerful
urban planning
tool

11:10 -
12:30

Participants can experience first-hand an urban planning tool that accelerates the suitable location of specific projects or policies, and aids detecting disaster-prone areas, reducing risk, strengthening resilience, and enabling informed investment.



Designing Resilient Cities through Data- Driven Solutions in a **Riskier World**

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World is increasingly **urbanizing**

By 2050, 68% of the world population is expected to live in cities.





Rapid growth can also **exacerbate existing problems** such as unemployment, poverty, and environmental degradation.



Cities need innovative solutions
to build a more resilient future for
this and the next generations.

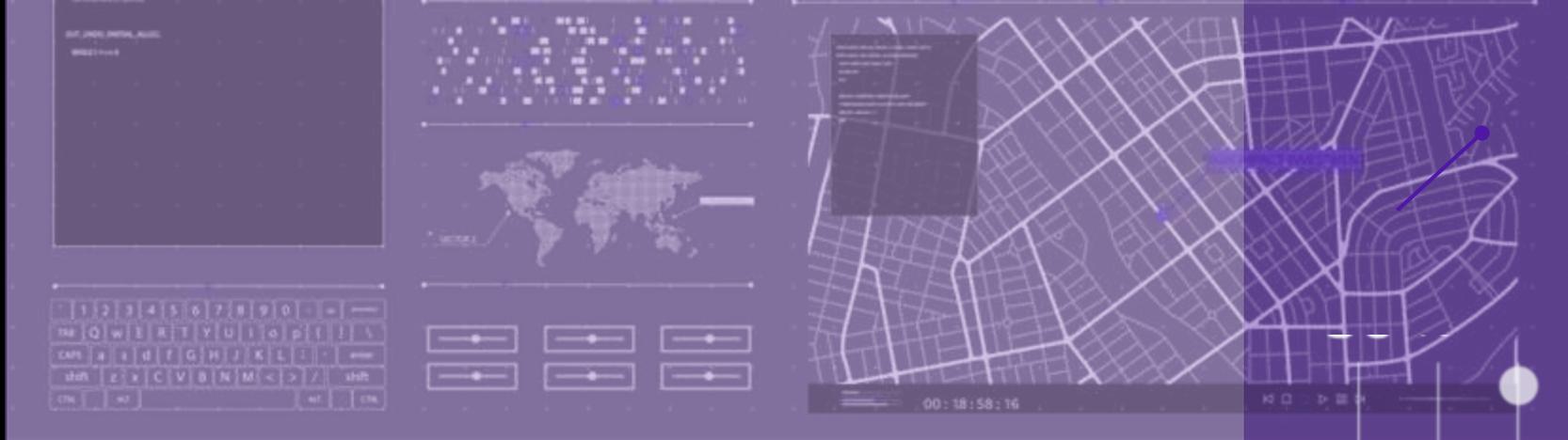




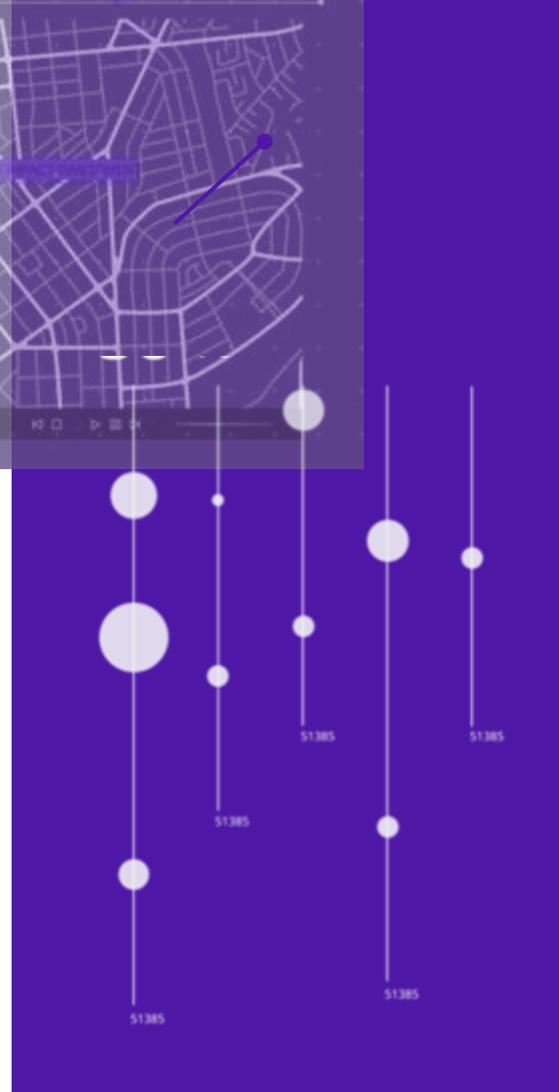
Data is to this century
what oil was to the last
one...”

The Economist, 2017





Innovative ways of generating
geospatial data are **revolutionizing**
how cities manage their
environments

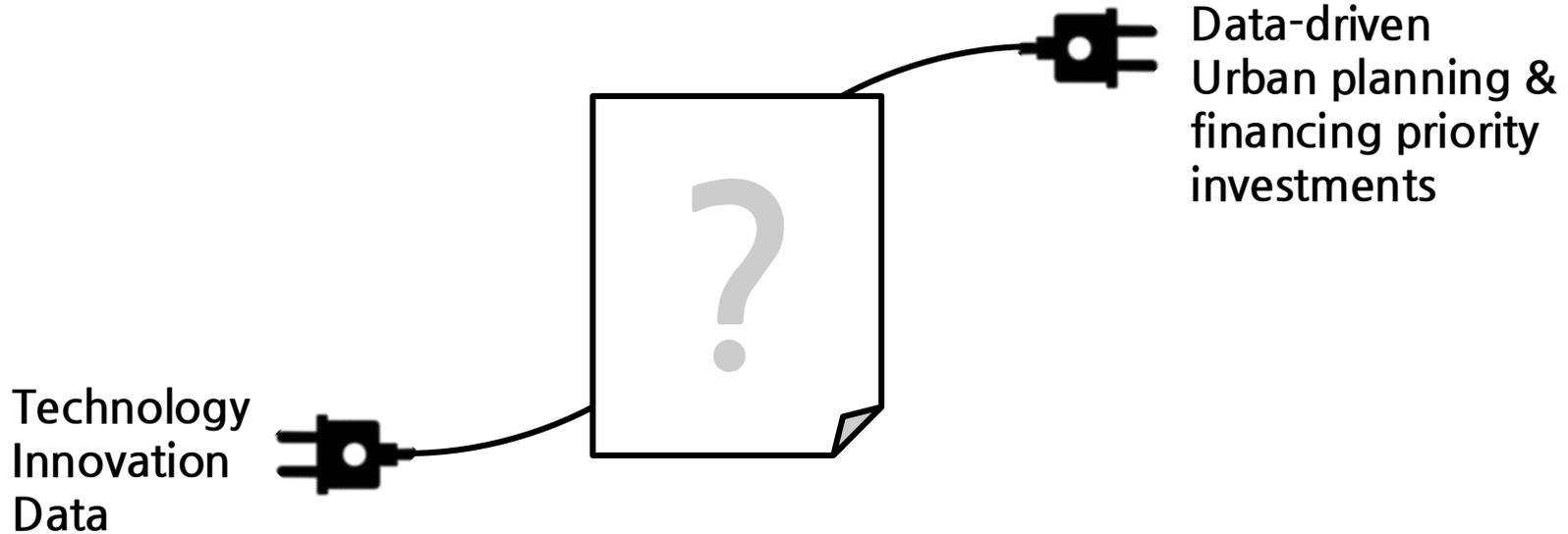


Data everywhere



and yet...

What is the **missing** piece?



Effective data governance is crucial to **unlock the true potential** of data and to enable cities to make informed decisions.



Addressing a real gap -

Less than 20% of low and middle-income countries have data ecosystems that allow governments to act with robust information.

-- WDR 2021



To be planned and managed as part of a **system**.

Data ecosystems
help build resilient
cities



Fireside Chat: Resilient by design - Planning and Building Cities with Data in Toyama City

Moderator

Angelica Nunez

Mayor of
Toyama

Hirohisa Fuji



City Spotlight Panel: Data-driven solutions for resilient urban planning, governance and reconstruction

Moderator

Ming Zhang

Kobe

Yasuhiro Matsuo

Indonesia

Rivo Ghalif Mijaya

Kenya

Lilian Kieni

Ukraine

Oleksandr Petroshchuk

