

City Champions: Leveling and Scaling-up Transformative Sustainability Innovations

Sub-plenary Session of International Forum for Sustainable Asia and the Pacific 2016 (ISAP2016)

*“Translating Knowledge
into Actions towards
2030 and beyond”*

Daniel Levine, Senior Officer
World Bank Group, TDLC Program
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About the TDLC Program

- TDLC is a partnership of the Government of Japan and the Social, Urban, Rural and Resilience Global Practice (GSURR) of the World Bank Group. TDLC supports and facilitates strategic WBG and client country collaboration with select Japanese cities, agencies and partners for joint research (to identify and document best practices), knowledge exchange and other activities developing opportunities to link Japanese and global expertise with specific project-level engagements in developing countries to maximize development impact. TDLC is global in reach and thematically focused on urban planning, urban service provision, urban management, social development, disaster risk management, municipal finance. The mainstreaming of Quality Infrastructure Investment(QII) is an emergent area of focus for TDLC.
- **Focus on Sustainable Cities:**
 - Clean and efficient (environmental sustainability);
 - Resilient against disasters (resilience/DRR,);
 - Inclusive (social inclusion; citizen participation); and
 - Productive and competitive (good business climate; adequate infrastructure; reliable and affordable service delivery).



Thematic Communities of Practices

Thematic Communities of Practice of internal and external practitioners are the heart of GSURR providing the global knowledge and resources to our engagements.



UFCOP
Urban Floods
Community of Practice

Urban Flooding is a Global Development Challenge. Thousands of cities, especially their housing, schools, hospitals and transport networks are exposed to flood risk. The population living in flood-prone areas is estimated to be 1.8 billion by 2050, or 16% of the global population. This is an increase of 0.3 billion compared with the current situation.

- SPARKING** operational and technical expertise and skills to be addressing an integrated approach to urban flood risk management.
- SUPPORTING** internal and external and knowledge exchange through on-line and face-to-face events.
- INTEGRATING** existing and emerging knowledge, lessons learned and practical experience.
- CONNECTING** a global network of stakeholders to exchange additional knowledge on integrated urban flood risk management.

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Smart Cities

Our Focus Areas

- Challenge:** Cities of Future City class in different contexts.
- Proposed Action:** Develop an operational model of smart cities.
- Challenge:** How to incorporate urban infrastructure and appropriate.
- Proposed Action:** Use knowledge sharing community, event, website page etc.
- Challenge:** Define smart cities from the World Bank perspective, and help define the agenda.
- Proposed Action:** Review current engagement practice and discuss the support to smart cities.
- Challenge:** Equip World Bank teams with cutting edge knowledge on smart cities that they can report to their city contacts.
- Proposed Action:** Influence the actions of cities and other stakeholders in the same sector through leadership.
- Challenge:** Engage in more cities to incorporate.
- Proposed Action:** Facilitate city dialogues with city leaders and government.

Our Services

- Early Engager:** Launch on Feb. 11
- SPARK Community:** Newsletter
- ESLAs, Seminars:** External Speakers
- Financial Meetings:**

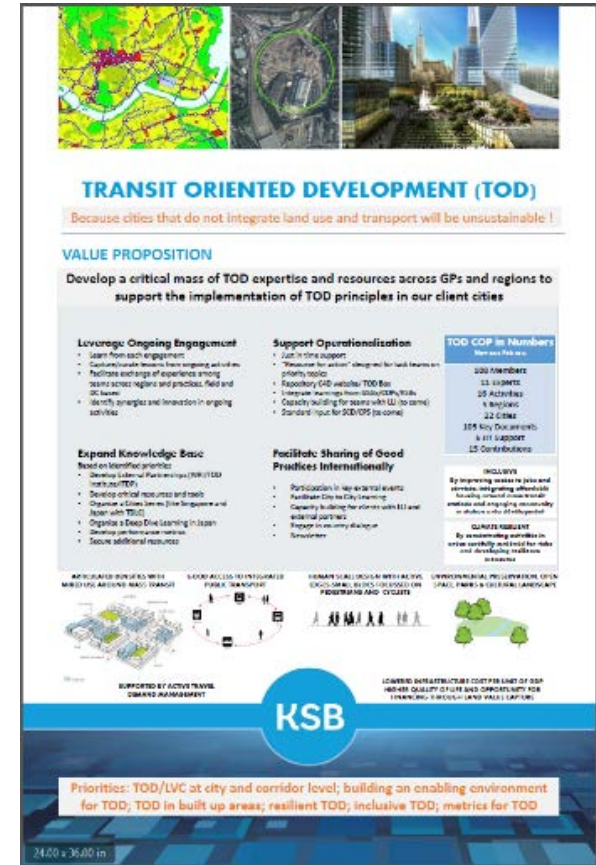
- Advise clients to adopt smart practices to enhance political, technological and financial capacity.
- Reduce material and energy consumption in cities while ensuring quality infrastructure and reliability of energy and competitiveness.
- Reduce transaction times and costs of routine and specialized urban services to both households and business – with a focus on incidence to the poor.
- Empower citizens and stakeholders through technology to actively participate in budgeting, planning and defining solutions through accountability and feedback on service quality.

Your Smart Cities KSB
Access. Learn. Collaborate. Contribute to operational resources

KSB

Join us today on spark.worldbank.org/groups/smart-cities

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TRANSIT ORIENTED DEVELOPMENT (TOD)

Because cities that do not integrate land use and transport will be unsustainable!

VALUE PROPOSITION
Develop a critical mass of TOD expertise and resources across GPs and regions to support the implementation of TOD principles in our client cities

Leverage Ongoing Engagement

- Learn from each engagement.
- Coordinate and synthesize learnings and lessons.
- Facilitate exchange of experience among teams across regions and practices. Field and DC teams.
- Identify synergies and innovation in ongoing activities.

Support Operationalization

- Join in time support.
- "Thematic for action" designed for local teams as priority needs.
- Facilitate TOD website, TOD Box.
- Integrate learning from pilot cities, trials.
- Capacity building for teams with LU, (to come).
- Standard input for SDB/OPS (to come).

Expand Knowledge Base
Based on identified priorities:

- Develop National Frameworks (NRF) for TOD (with UNCTAD).
- Develop critical resources and tools.
- Organize a City-to-City Learning and Action with TOD.
- Organize a Deep-Dive Learning in Japan.
- Develop performance metrics.
- Secure additional resources.

Facilitate Sharing of Good Practices Internationally

- Participation in international events.
- Facilitate City-to-City Learning.
- Capacity building for teams with LU and external partners.
- Prepare recovery planning.
- Knowledge.

TOD COP in Numbers

200 MEMBERS	13 SUPPORT
20 PARTICIPERS	A BANGKOK
22 CITIES	105 Key Stakeholders
8 FII SUPPORT	15 Contributions

INCLUDES

- By organizing sessions in-person and virtual, using affordable knowledge creation tools, we will create and engage, especially in urban cities of developing countries.

CLIENTS BENEFIT

- By exchanging activities in urban corridors and local bus routes and developing guidelines.

APPLICABLE BENEFITS WILL INCLUDE:

- IMPROVED ACCESS TO PUBLIC TRANSPORT
- IMPROVED ACCESS TO PUBLIC TRANSPORT
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- IMPROVED ACCESS TO PUBLIC TRANSPORT

IMPACTS:

- SUPPORTED BY ACTIVE TRAVEL DEMAND MANAGEMENT
- LOWERED INFRASTRUCTURE COSTS BY USE OF BPP AND 40% QUALITY OF LIFE AND CONVENIENCE FOR TRANSPORT THROUGH LAND-USE PLANNING

Priorities: TOD/LVC at city and corridor level; building an enabling environment for TOD; TOD in built up areas; resilient TOD; inclusive TOD; metrics for TOD

74,00 x 36,00 in

KSB



TDLC's City Partnership Program

- In 2016 TDLC launched a new **City Partnership Program** for the direct engagement with **Select Japanese Cities**.
- The **City Partnership Program** is intended to support and facilitate strategic collaboration with selected cities in Japan for joint research (to identify and document best practices), knowledge exchange and identifying/ building on opportunities to link Japanese and global expertise with specific project-level engagements in developing countries.
- **City Selection Committee** composed of technical experts from IGES, ICLEI, JICA and the WBG
- What are we looking for in City Partners?
 - ✓ **Recognized best practices** in high demand thematic areas
 - ✓ **Capacity** for efficient and effective knowledge exchange with client countries
 - ✓ **Commitment** of political leadership



Cities Selected in FY2016 City Partnership Campaign

YOKOHAMA

- ✓ Urban planning
- ✓ Urban service provision
- ✓ Urban management
- ✓ Disaster risk management



TOYAMA

- ✓ Compact city development
- ✓ Flood control
- ✓ Aging and accessibility
- ✓ Waste management and green energy

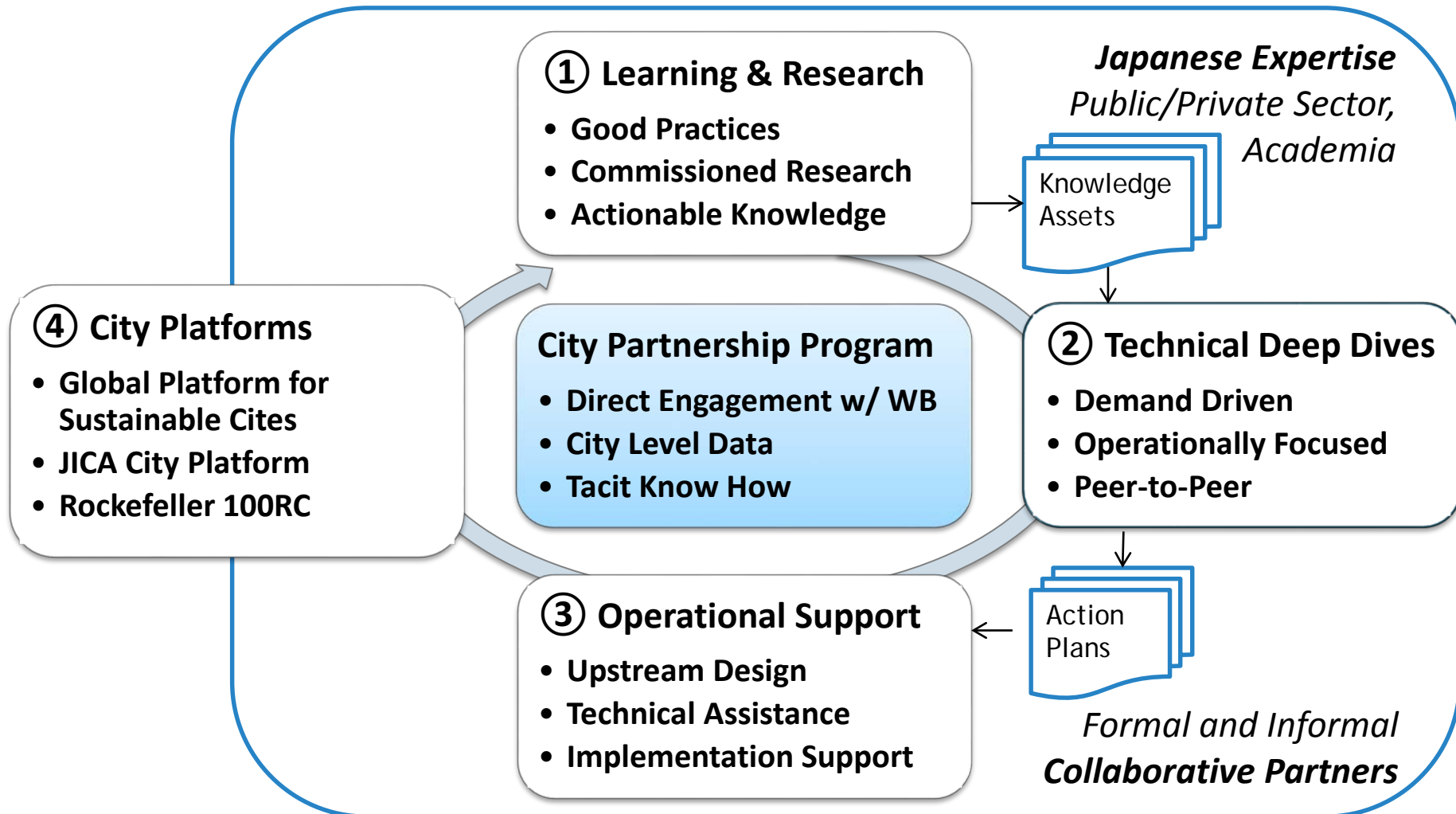
KOBE

- ✓ ICT systems for municipal management
- ✓ ICT education
- ✓ Seismic risk management

KITAKYUSHU

- ✓ Green growth
- ✓ Solid waste management

Applying Japanese Expertise to Complex Multi-sectoral Development Challenges



Structured Learning & Research

① Learning & Research

- Good Practices
- Commissioned Research
- Actionable Knowledge

FY2016 Learning Example

- Position piece on Transit Oriented Development
- eLearning Modules on Transit Oriented Development
- Land Readjustment Case Studies

- **Documentation and codification of good city level practices and tacit knowledge** for addressing development challenges
- **Translation and validation of existing knowledge assets** existing into practical instruments for global dissemination.
- **Commissioning and overseeing research engagements** of high global demand and unique Japanese examples to reference.
- **Incorporating Japanese experiences into WBG collection** of eLearning modules, programs, and other knowledge assets.
- Currently working on research initiatives on: **Land Readjustment, Transit Orientated Development, Solid Waste Management and Quality Infrastructure Investment.**



Technical Deep Dives (TDDs)

② Technical Deep Dives

- Demand Driven
- Operationally Focused
- Peer-to-Peer

FY2016 TDDs Example

- Integrated Urban Flood Risk Management
- Transit Oriented Development and Land Readjustment

Technical Deep Dives are a highly successful new modality of client engagement being refined by TDLC to accelerate practical technical learning and solution identification.

- TDDs are **demand driven** and **operationally focused**
- TDDs fully **utilize existing structured learning** when available and develop new materials as required.
- TDDs require that all delegations have both a **TTL as well as Clients** of an appropriate level
- TDDs rely heavily on **Peer-to-Peer/Client-to-Client learning**
- TDDs result in **practical client-owned action plans**
- Clients of TDDs are supported by **post-TDD technical assistance** with particular focus on upstream design.
- TDDs support the development of **engaging Communities of Practice**

Example: Transit Oriented Development TDD



*"TOD TDD was a great experience of long term planning with learnings to a more vibrant and efficient city. **Seeing the Japanese experience is believing that it can be done!** TOD is the way to do it". - Joao Azevedo, ICPS President, Recife, Brazil*

- Co-organized by TDLC and **Transit Oriented Development (TOD) CoP** (joint CoP of GSURR and Transport and ICT GP)
- **Client delegates and WB Task Team Leaders (TTLs) from 12 cities and 9 countries** Nanchang (China), Ho Chi Min City and Da Nang (Vietnam), Lima (Peru), Delhi and Mumbai (India), Mexico City (Mexico), Rio de Janeiro and Recife (Brazil), Bogota, (Colombia), Cape Town (South Africa) and Dar es Salaam (Tanzania)
- Cooperation from **MLIT, Shibuya ward, City of Yokohama, City of Osaka City, Osaka Prefecture, railway companies, urban planners and professors**
- Several potential TA follow-ups (e.g. Recife urban transport)

Operational Support

③ Operational Support

- Upstream Design
- Technical Assistance
- Implementation Support

FY2016 Ops Support

- HCMC, Vietnam
- Recife, Brazil
- Dar es Salem, Tanzania

Modalities:

- Upstream Design
- Feasibility Studies
- Implementation Support
- Secondments
- Master Classes

- **Support and facilitate delivery of knowledge, capacity building, and advisory services, particularly on a just-in-time basis**, in conjunction with WBG operational projects.
- **Identifying operational linkages and opportunities** both at the upstream stage and at the project implementation stage.
- Leverage the newly launched Quality Infrastructure Investment (QII) facility to **enhance one or more QII elements (Economic Efficiency, Environmental & Social Sustainability, Economic & Social Contribution, Safety and Resilience against Natural Disasters)** of an operation in design or implementation.
- Utilizing TDLC's networking and connectivity capacity to **transform traditional modes of technical assistance and advisory services into more programmatic and sustained approaches** with the inclusion of virtual delivery elements.

Linkages with other City Platforms

④ City Platforms

- Global Platform for Sustainable Cities
- JICA City Platform
- Rockefeller 100RC

FY2016 City Platform

Linkages Examples

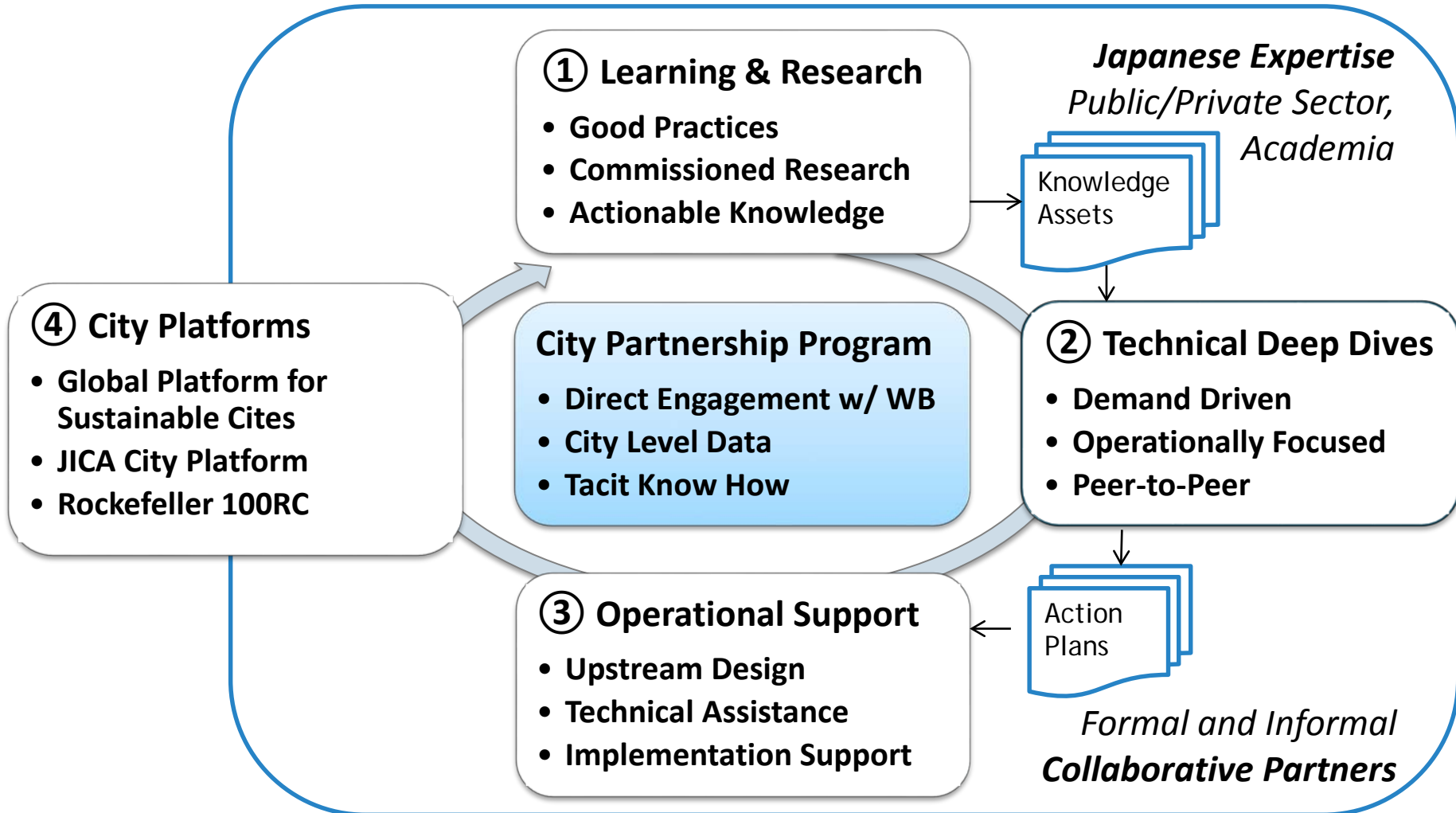
- First International Conference on Sustainable Development through QII
- Kobe City participation in Kigali Metro Lab
- Yokohama City Smart City Summit
- Japanese representation at Singapore Urban Week

- Leveraging the WBG's convening capacity TDLC seeks to integrate **City Partnership Platform** cities with other **WBG and non-WBG city platforms**.
- TDLC will assist in the **global dissemination of knowledge from 100RC Japanese cities**.
- Through the close collaboration with JICA TDLC will identify opportunities to work directly with the newly launched **JICA City Platform and will be inclusive of JICA technical staff, clients and city partners** in TDLC activities.
- TDLC will foster the inclusion of Japanese cities in the GEF supported **Global Platform for Sustainable Cities (GPSC)**.
- TDLC will play an increasing role in the operations of the **Metropolitan Lab for Strategic Metropolitan Planning and Management (Metro Lab)**.

Collaboration with External Partners



Value Accretive Knowledge System through CPP



Thank You



Daniel Levine
Senior Officer of TDLC Program
World Bank Group
Social, Urban, Rural and Resilience Global
Practice

Fukoku Seimei Bldg. 10F,
2-2-2 Uchisaiwai-cho, Chiyoda-ku,
Tokyo 100-0011 Japan
Tel: +81-(0)3-3597-1333
<http://www.jointokyo.org/en/>

