



For Business Co-Creation of the 5G Era

- The future we create together with our partners -





World Envisaged by DOCOMO

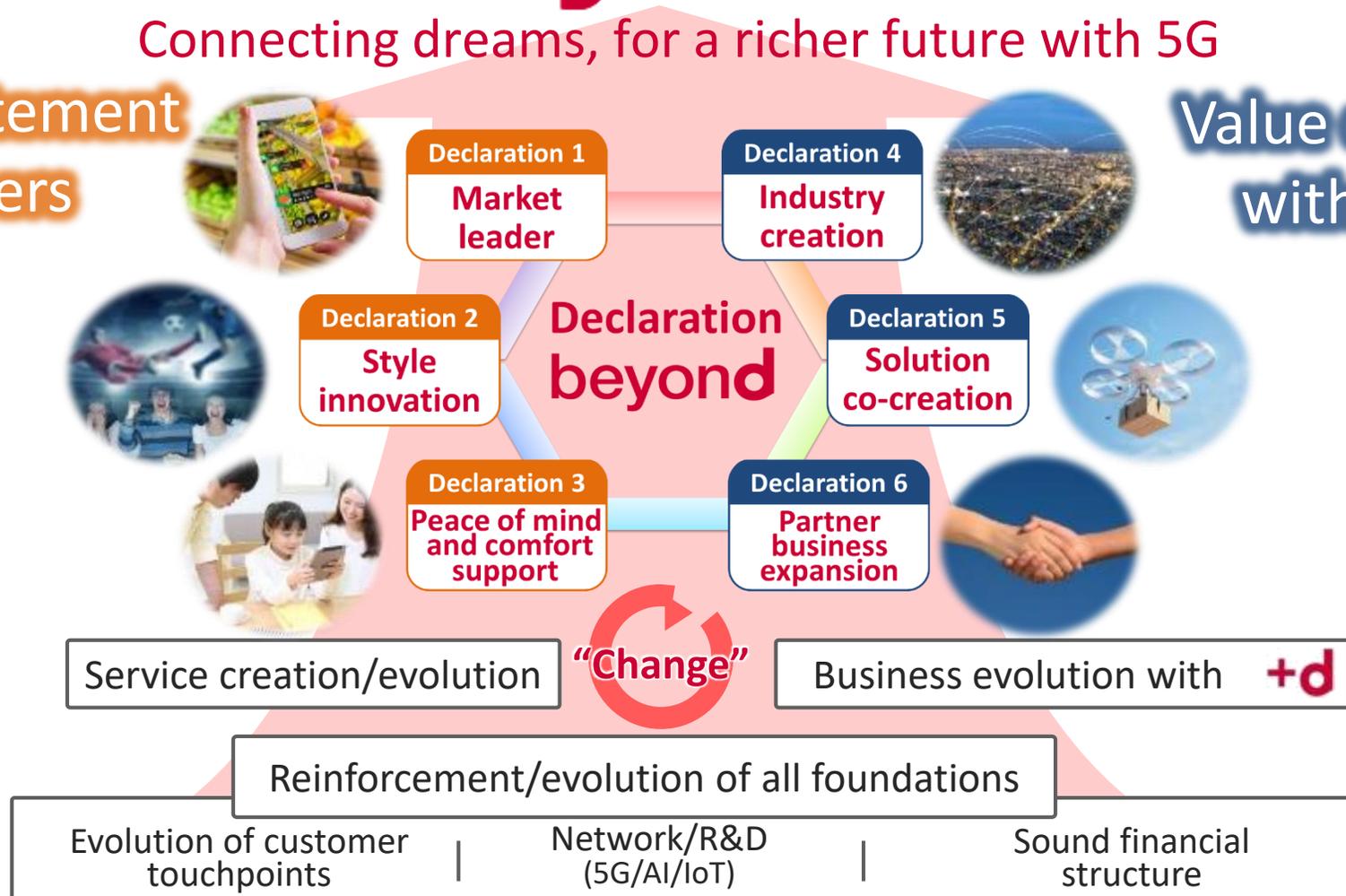
World Envisaged by DOCOMO

beyond

Connecting dreams, for a richer future with 5G

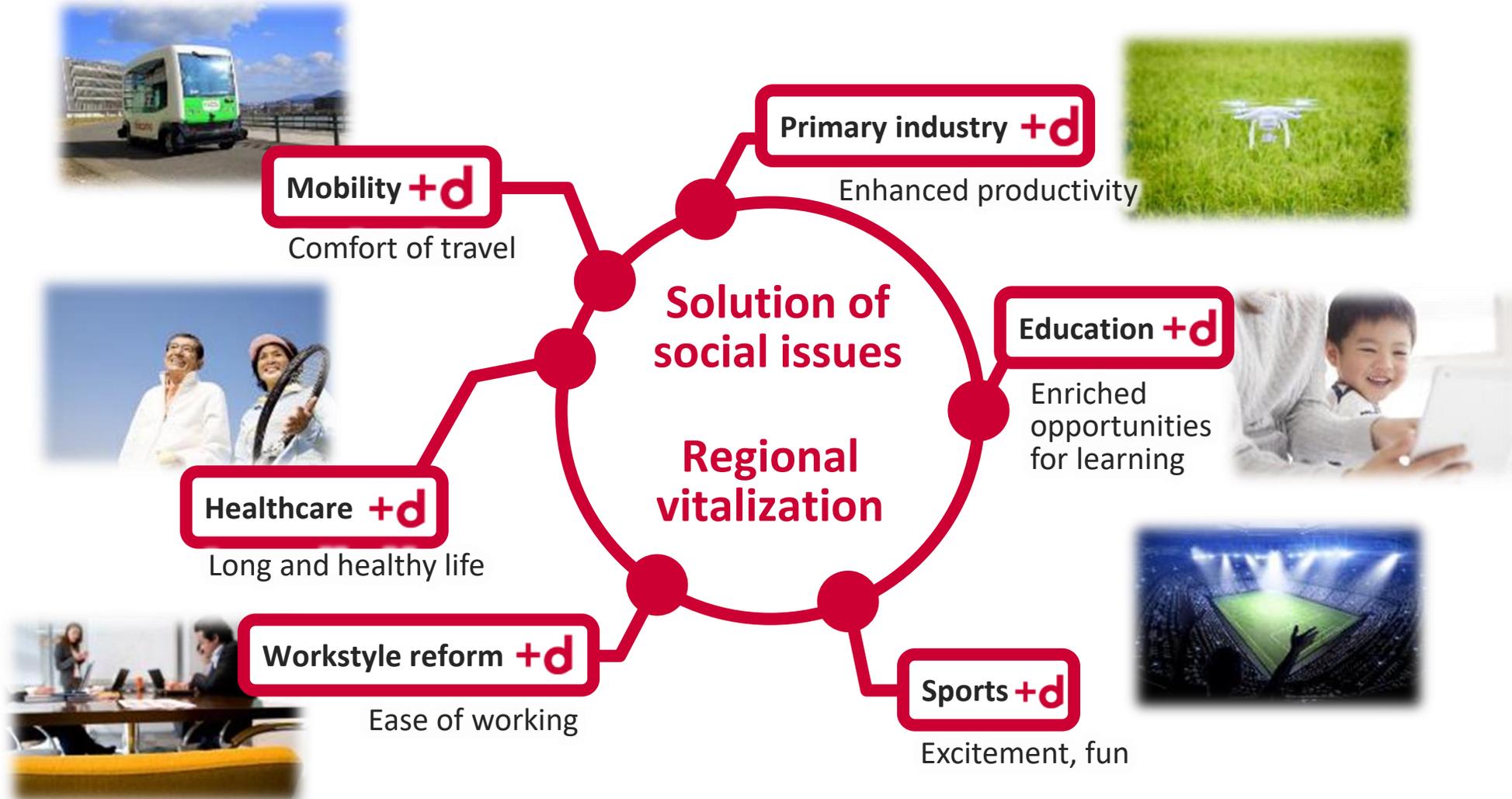
Value and excitement
to customers

Value co-creation
with partners



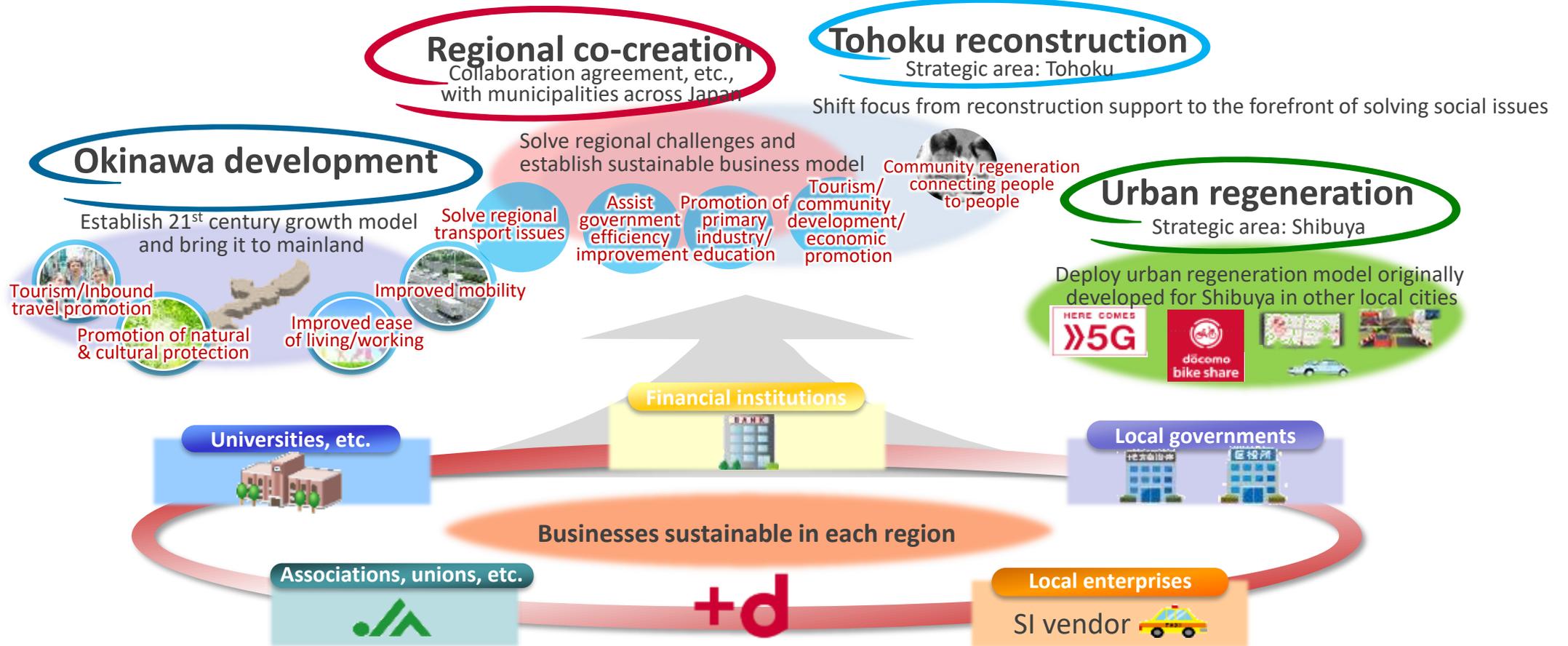
Accelerate Co-Creation to Solve Social Issues

For Japan's growth and a richer society



Co-Creation with Regions

Create “circles” of co-creation with multiple companies and local governments to contribute to regional vitalization

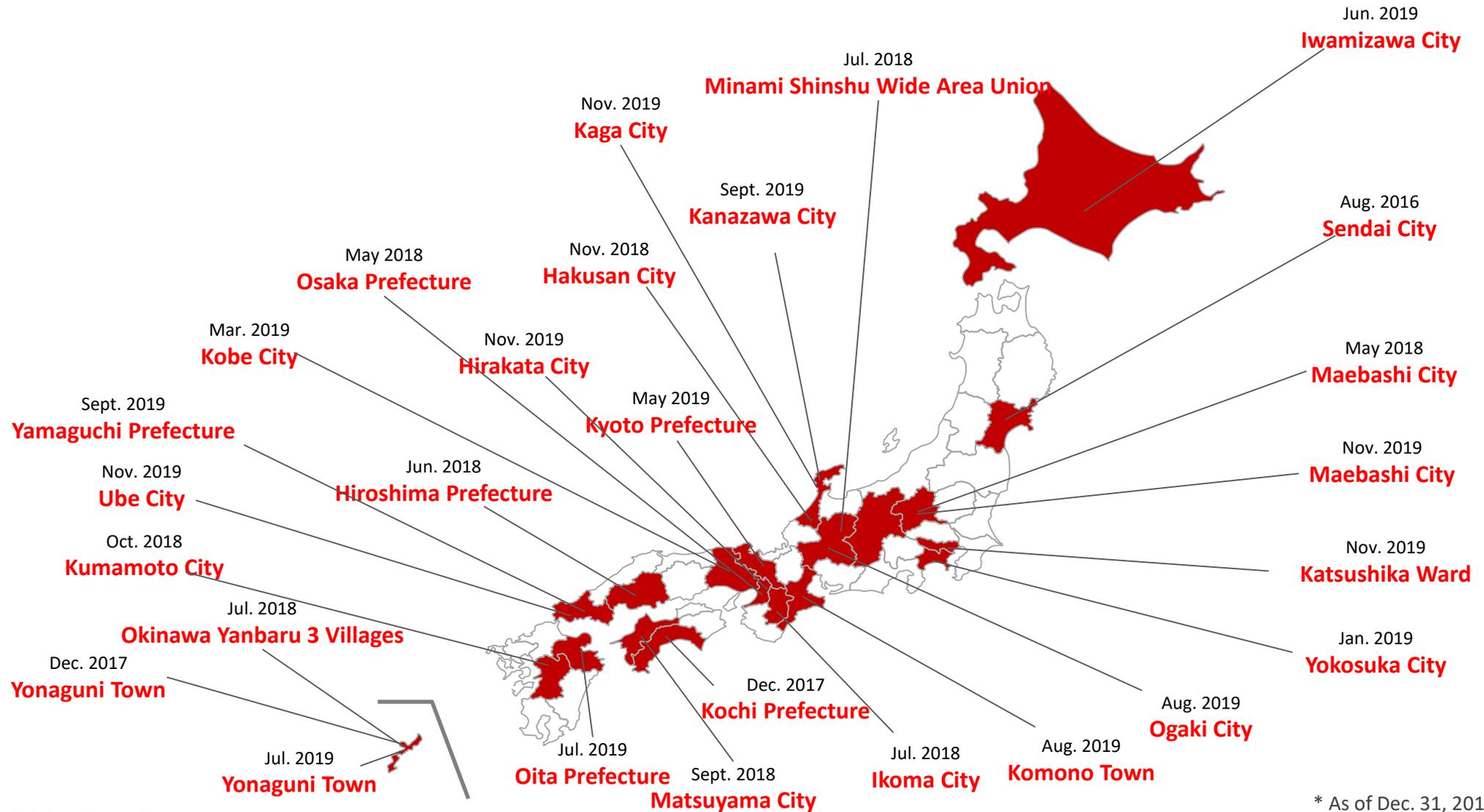


DOCOMO connects the “circles” to prop up regional vitalization

Establishment of **ICT for Regional revitalization promotion office** (Apr. 1, 2018)

Collaboration Agreements with Local Governments

Concluded collaboration agreements with the aim of solving social issues

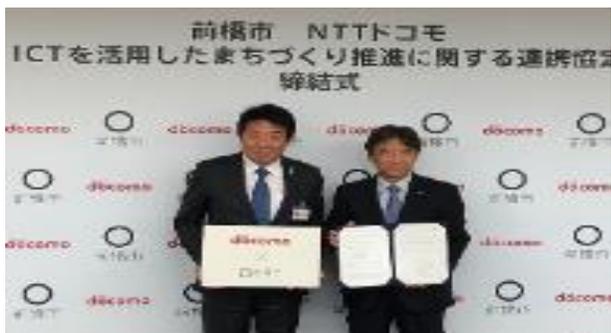


* As of Dec. 31, 2019

Promotion of 5G Co-Creation with Local Governments

前橋市 Maebashi City × NTT docomo

Collaboration for community development leveraging ICT
(2018.5.10)



Osaka Prefecture

NTT docomo

Collaboration for industrial development/PR of prefectural administration/
child poverty/disaster preparedness and crime prevention/healthcare/
regional vitalization
(2018.5.23)



広島県 Hiroshima Prefecture × NTT docomo

Agreement for promotion of open innovation using 5G, etc.
(2018.6.5)



金沢市 Kanazawa City



NTT docomo

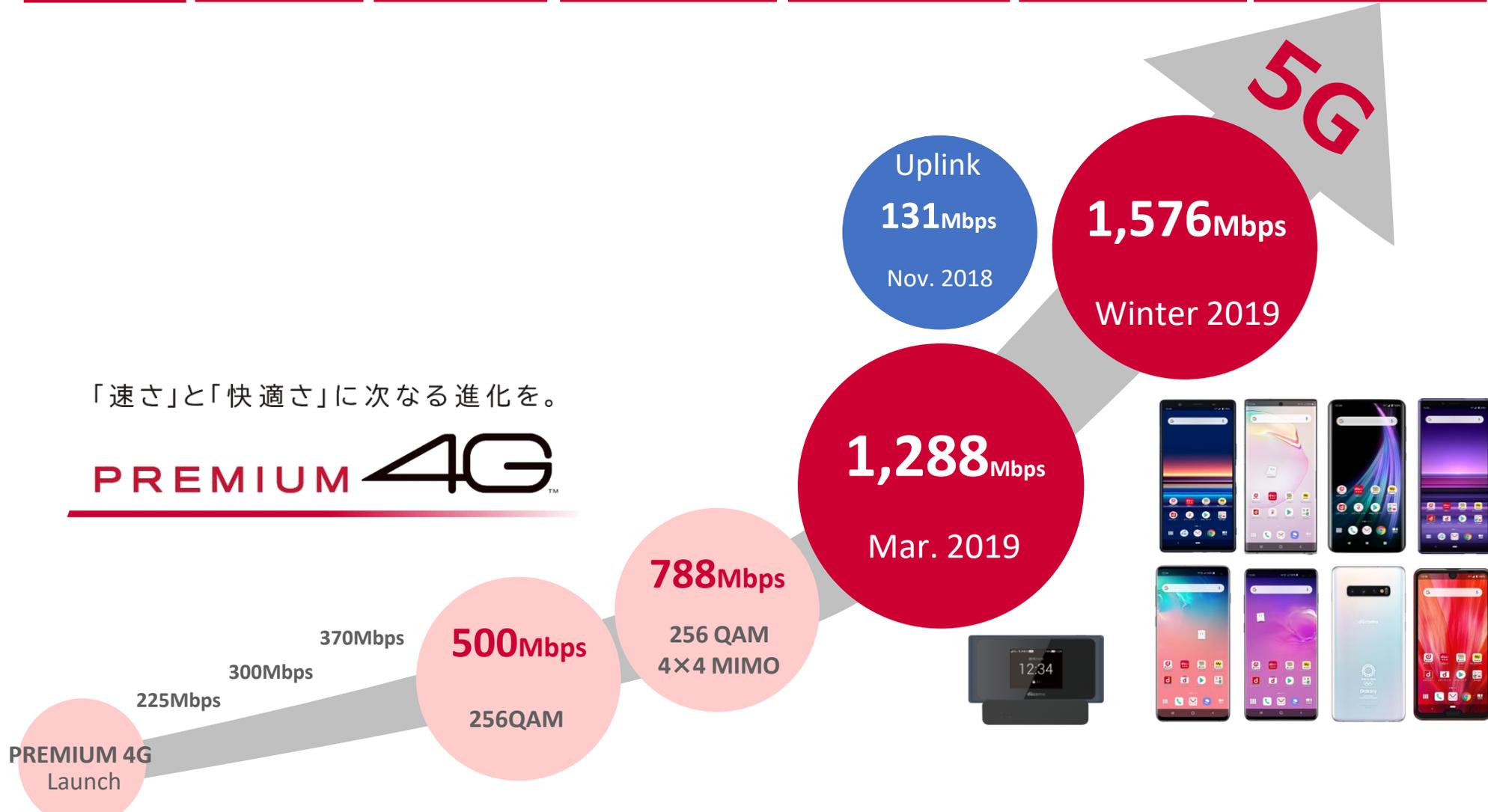
Collaboration agreement for co-creation of regional resources leveraging
5G and other advanced ICT
(2019.9.20)





5G Overview

Evolution to the "Giga Age" toward 5G



World Envisaged with 5G

High Speed/Large Capacity



4K/8K
streaming



Stadium
solution



Telemedicine



Real-time
face recognition



Low latency



Agricultural ICT



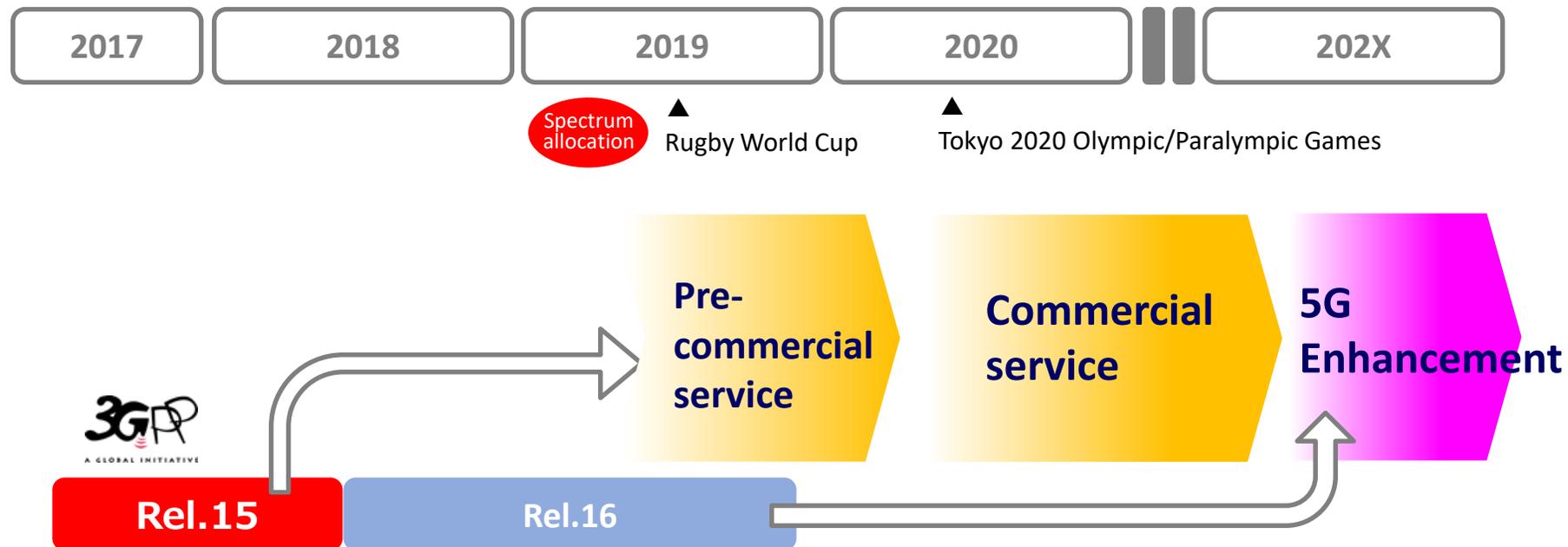
Smart city/home

Massive device connectivity (IoT devices)

Roadmap for 5G Rollout

Sept. 20, 2019: “Pre-Commercial Service” launched

Spring 2020: “Commercial Service” launch



* NTT DOCOMO is a Gold Partner of the Tokyo 2020 Olympic and Paralympic Games (in the telecommunications services category).

»»5G

OPEN

Opens up every possibility

Co-Creation with Various Partners toward Full-Scale 5G Launch

New sensory experiences/services

New sports viewing



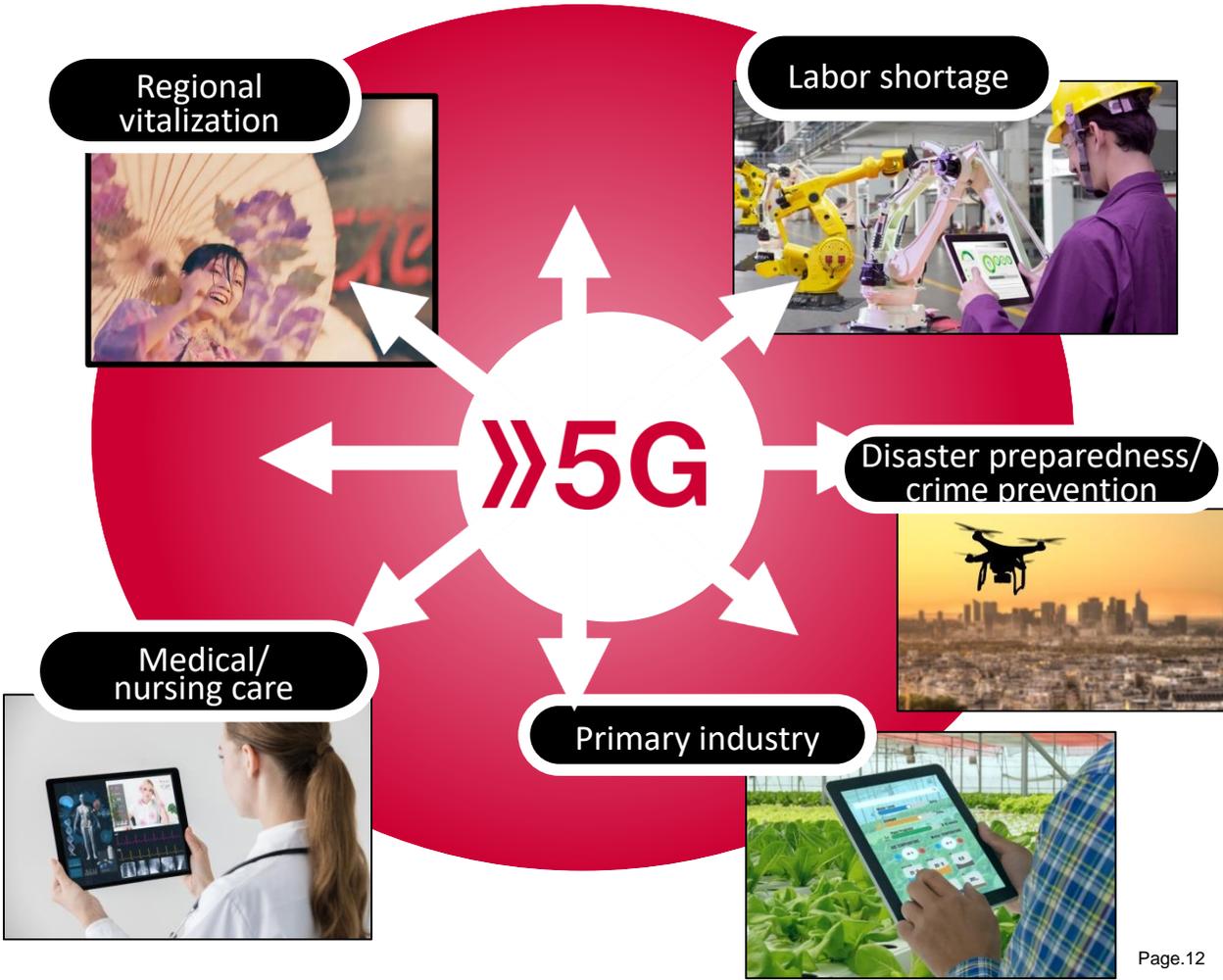
e-sports/e-game viewing



New sensory live Tourism services



Solution for social issues

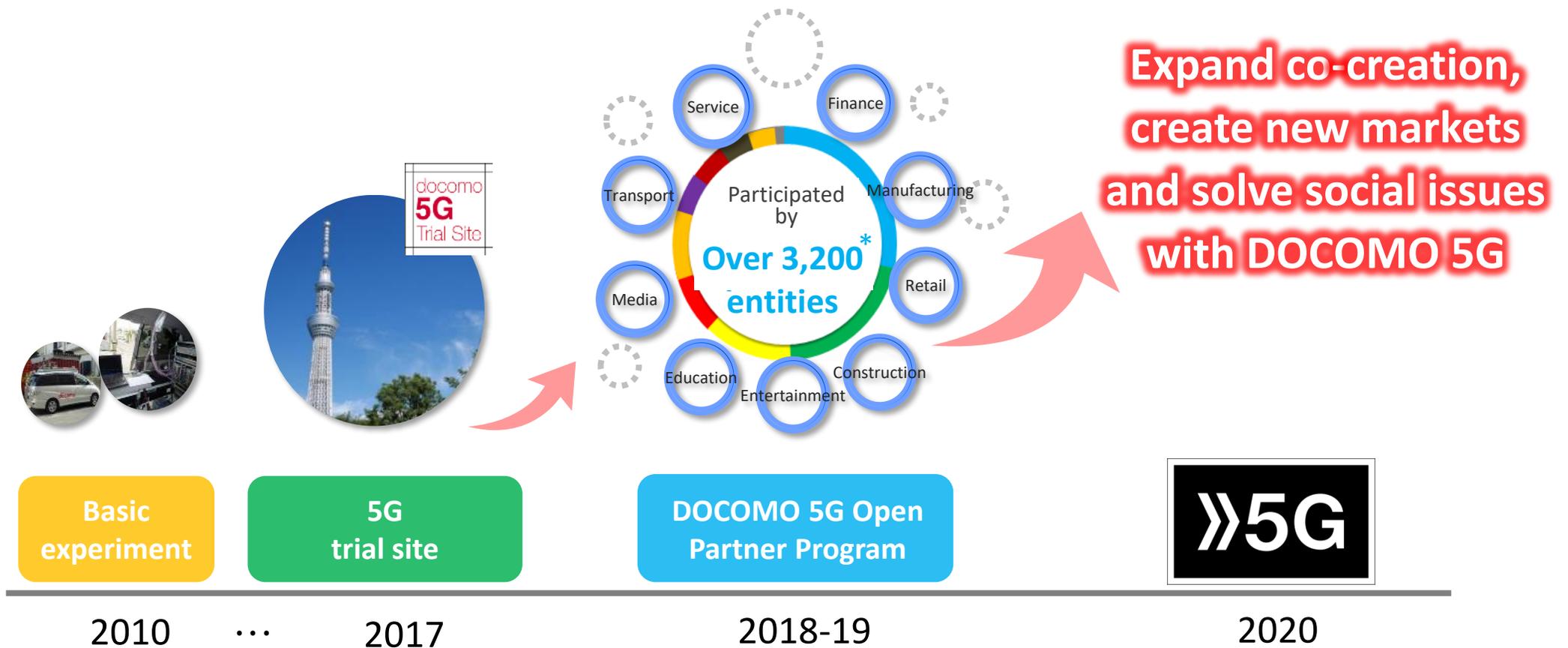




**DOCOMO 5G Open
Partner Program**

DOCOMO 5G Open Partner Program

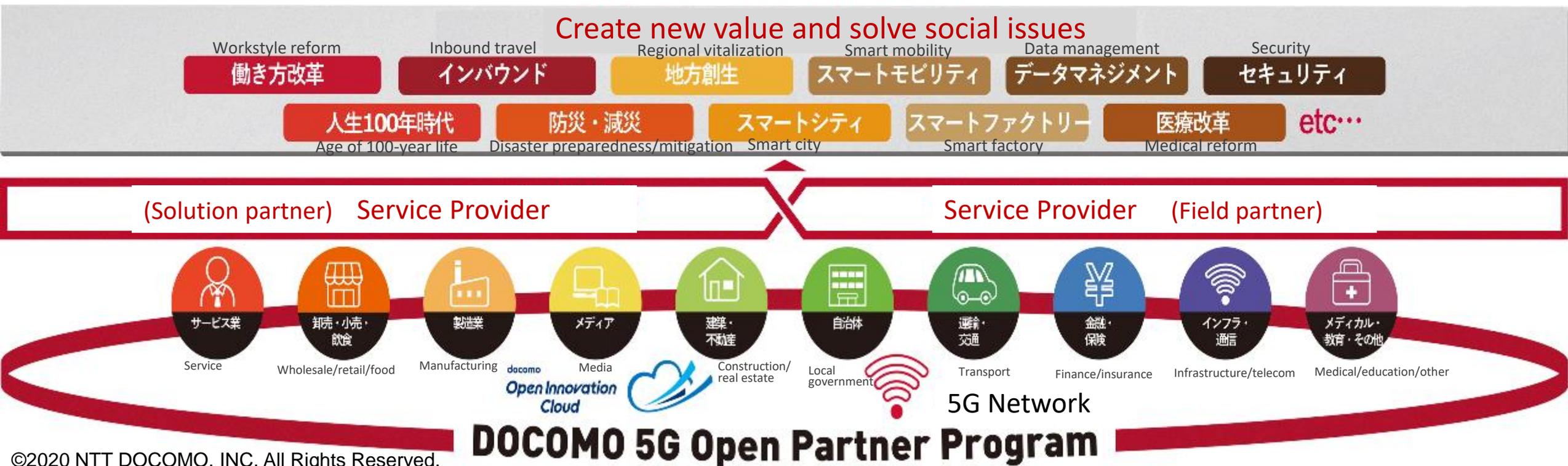
An initiative aimed at creating new businesses in collaboration with a wide range of partners leveraging 5G



* As of Dec. 31, 2019

Value Provided by DOCOMO 5G Open Partner Program

Aim to create new value and solve social issues through partnering with players from various industries

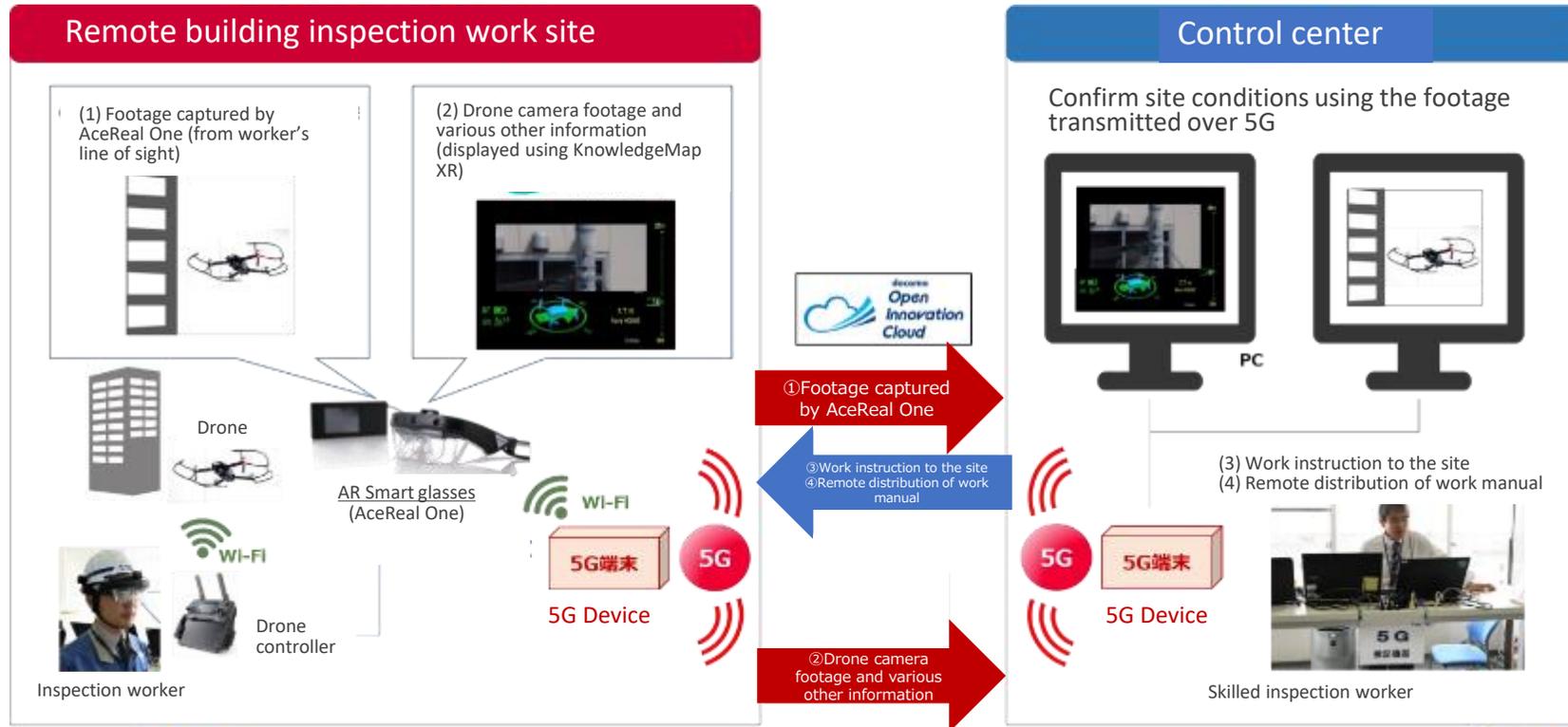


Remote Inspection of Building Exterior Wall Using 5G/Drone/AR Smart Glasses

TTK Co., Ltd./SUNCORPORATION/
NTT COMWARE CORPORATION/Splashtop Inc.



- ▶ Realizes advanced image recognition in real time and smooth communication between inspection workers on the field and control center through the use of smart glasses and drone.
- ▶ Enables maintenance of work quality and skill enhancement through provision of remote support by skilled workers to the less experienced.

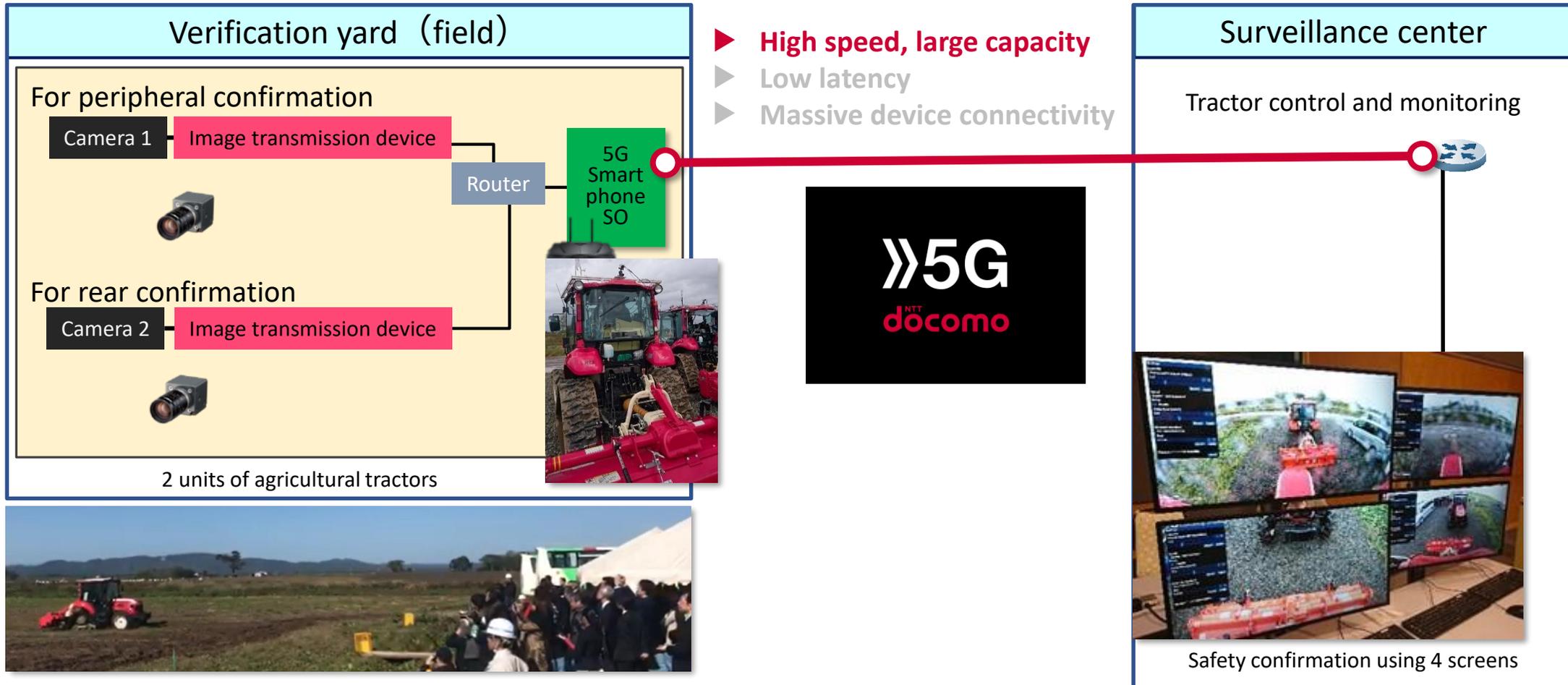


Smart Agriculture Verification Trial

Hokkaido University/Iwamizawa City/
NTT Corporation/NTT East Corporation

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- ▶ Transmission of footage from agricultural tractors to surveillance center using a 5G smartphone and two cameras installed on two tractors (in the front and back of the vehicle).
- ▶ Images captured by high-resolution cameras on the tractor are sent in real time leveraging 5G's high-speed, large-capacity transmission capabilities.

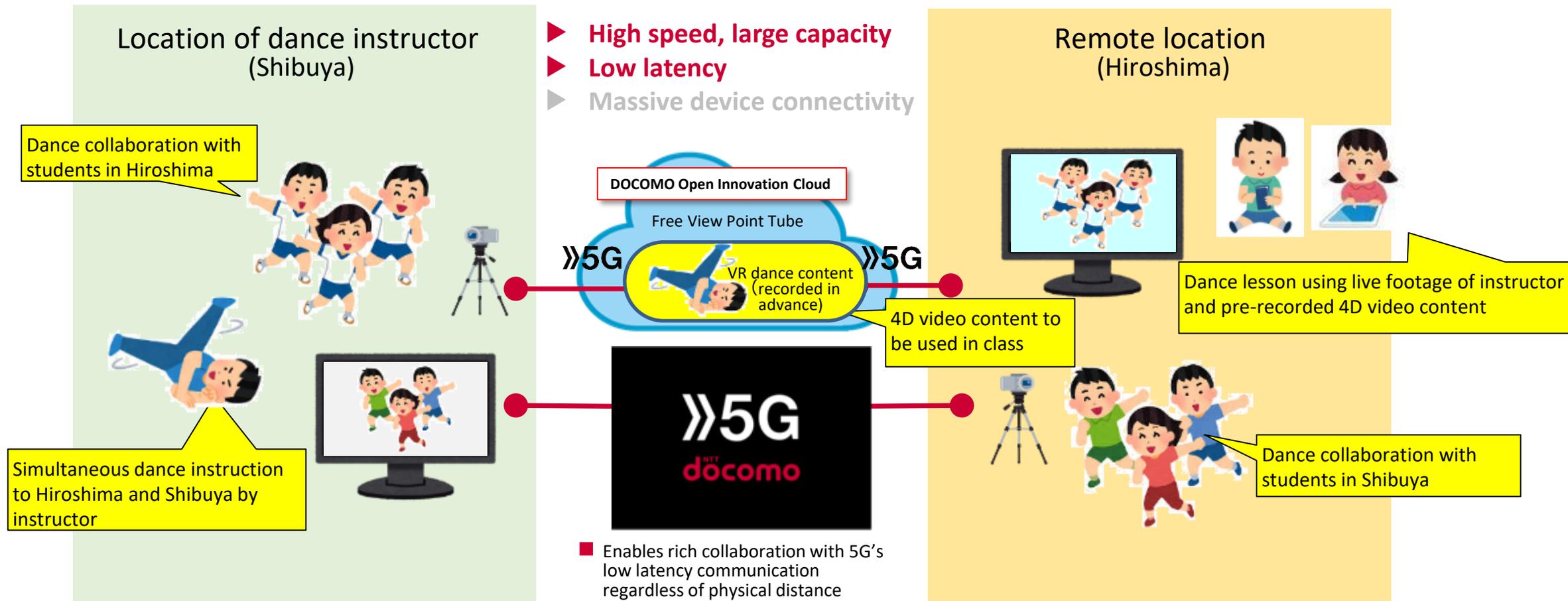


5G Remote Dance Lesson

Future Design Shibuya/
Hiroshima Prefectural Government/Crescent, inc.

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- ▶ Realizes dance lessons in which participants from remote locations can enjoy as-if-you-are-there experience using 5G's high speed, large capacity and low latency characteristics.
- ▶ The solution enables viewing of videos in real-time, which makes it most suited for remote education, sports instruction and live viewing, etc.



Co-Creation Platform for the 5G Era



Co-creation platform
Joint solution creation with partners

+

5G + cloud
Low latency, secure network
+ cloud environment

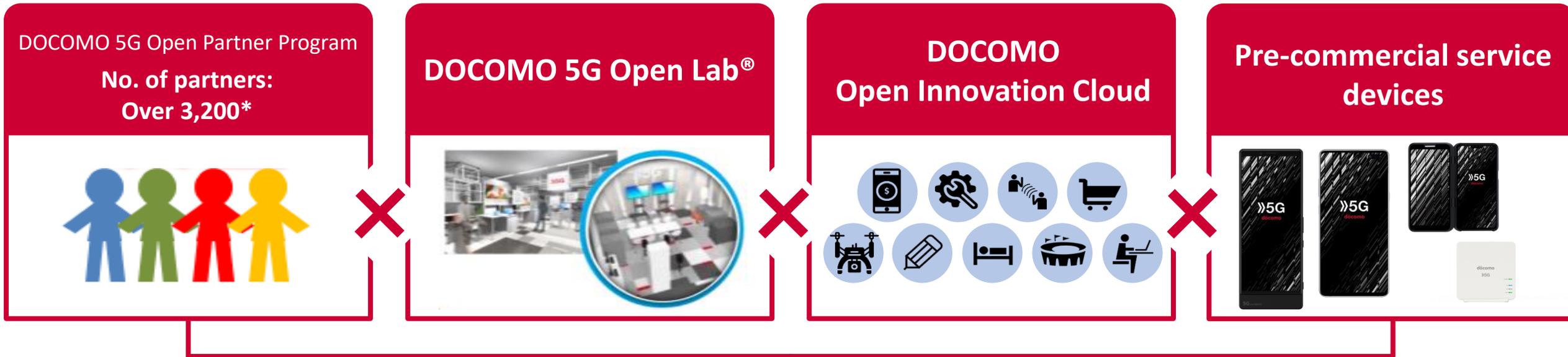


- Change the world through co-creation -

New value creation

Solution of social issues

New Value Co-Creation



Contribution to industries

Expansion of businesses



Solution of social issues

Regional vitalization

Create new value together with partners

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