6. Revitalization of Regional Economies (2)

● Develop "Food/Agriculture x ICT" Business

■ Implement IoT in Agriculture
- "Agri-Innovation Lab @ Yamanashi" collaborative project with the region ("Advanced IoT Project," sponsored by the Ministry of Economy, Trade and Industry and others, and award-winner for revitalization of regional economies)

■ Provide Food and Agriculture Solutions
- Digitalization solutions for food hygiene management corresponding to HACCP
- Utilize ICT to provide solutions for environmental control and yield forecasting in next-generation horticultural facilities, contributing to improvements in agricultural productivity

● Preserve Local Techniques/Cultural Assets

■ Visualization of the Sake Production Process
- Install a temperature sensor for manufacturing processes, and collect and analyze data in the cloud in order to stabilize quality and work toward the transfer of skilled techniques
(June 2018 in Kumagaya in Saitama Prefecture; October 2018 in Osaki in Miyagi Prefecture)

■ Preservation of Pottery and Other Cultural Assets
- Digitalization of experts' know-how gained through years of experience and insight, and digitally archive local cultural assets
- (April 2019 in Fujigawa in Yamanashi Prefcture)

● Town Revitalization Leveraging ICT

■ Promote Smart Cities by Collaborating with Local Governments
- Started demonstration tests aimed at sustainable town renewal through the implementation of ICT
(March 2019 in Kisarazu in Chiba Prefecture)

■ Town Revitalization through e-Sports
- Provide ICT environments when events are hosted, in addition to support for event planning and management

● Support the DX of Small and Medium Enterprise Customers

■ Automation and Visualization of Work Sites through IoT
- Started demonstration tests that used wearable devices for the visualization of the activities of warehouse workers and for health management (January 2018)
- Launched an IoT package for factories that uses cameras and sensors to visualize the operating status of manufacturing machinery (November 2018)

■ Optimize Office Work by Leveraging ICT
- Started offering "AI Reading/Omakase RPA", which automates tasks from completing handwritten forms to system inputs, increasing office productivity (January 2019)

● Leveraging Company Assets

■ Smart Innovation Lab Using Communications Buildings
- Established a lab for business co-creation, equipped with GPU servers and collaborative work spaces, in the Tokyo Kuramae Building (June 2018), and expanded to Sapporo and Sendai
- In Sendai, in addition to building redevelopment, created an environment where "knowledge" and "talent" from industry/academia/government can come together, and promoted open innovation in the region

■ BPO Utilizing Group Assets
- Promoted BPO to maintain local social infrastructure and services for local people by leveraging communications buildings and assets including technology, know-how and personnel