

[Nosyou Navi 1000 Consortium] Smart Paddy Agriculture Mode Implemented by Agricultural Production Corporation
Development and Demonstration on the New Generation Large-Scale Rice Farming Technology System Integrating with IT Agro-Machinery, Field Sensors, Visualized Farming and Skill-Transferring System

Field-specific data collection of farming, meteorology, soil and cropping

Farming information: visualization system of FVS and PMS, etc

One-touch with IC tag

Environmental information: soil sampling and analysis, real-time soil sensor, temperature of air, water and the earth, water depth sensor, etc

Cropping information: growth monitoring, yield-monitoring combine, quality assessment,

Field-specific visualization and analyses of big data

Production and operational management responding to the risks of meteorological and market change

[Integrated technology and finance] visualized managerial communication by FAPS, etc

Stabilized and improved yield and quality by visualized soil, meteorology, high-precision cultivation responding to meteorological change

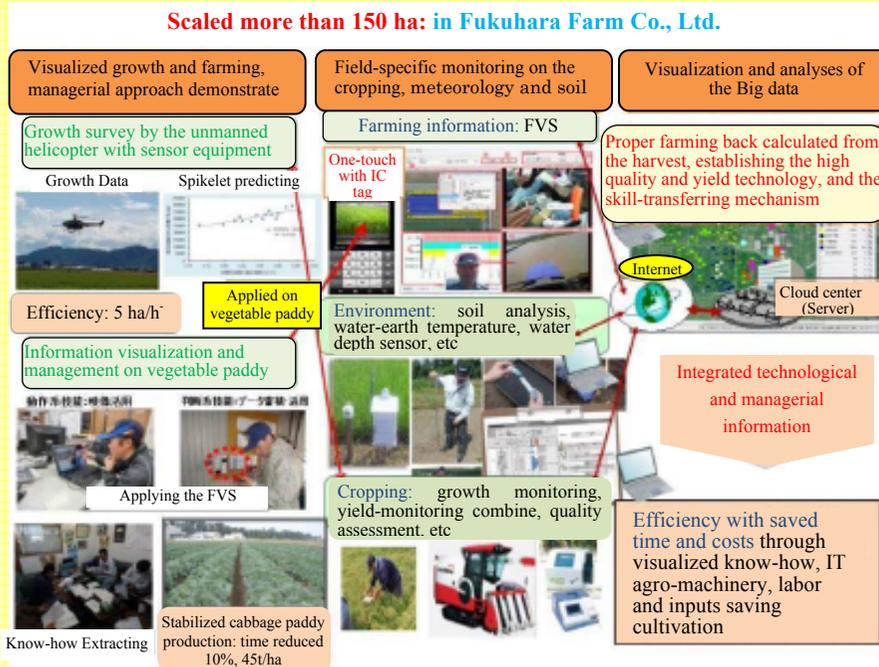
Wide area extensive demonstration dominated by large-scale rice farming of 30-160 ha (330 ha, 1000 fields of 4)

Improved precision and efficiency by visualized adept skills and know-how

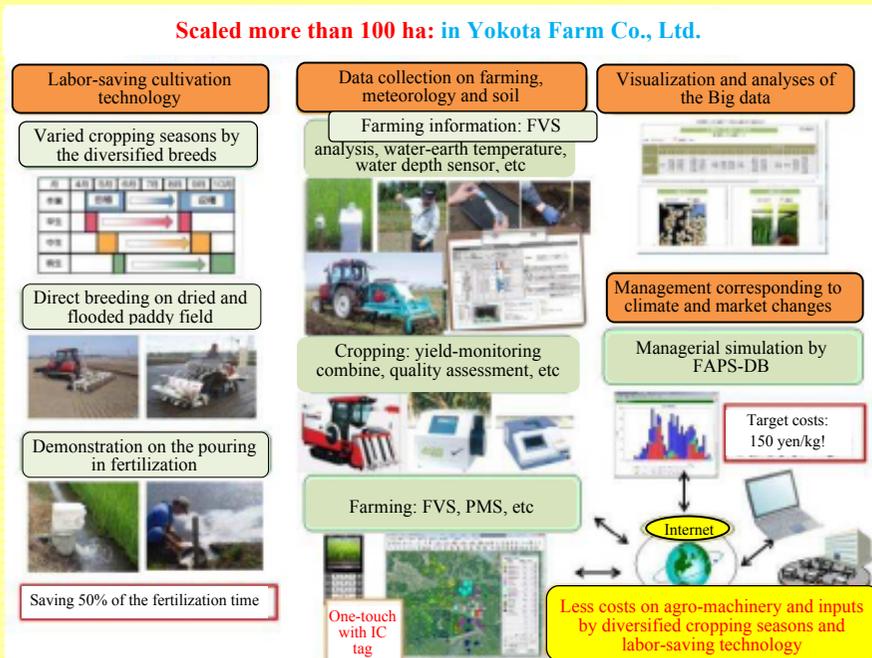
Efficient, time and costs saving operation by visualized know-how, IT agro-machinery, labor and inputs saving cultivation

1 Establishment of the Practical Technologies in Advanced Large-Scale Rice Farming

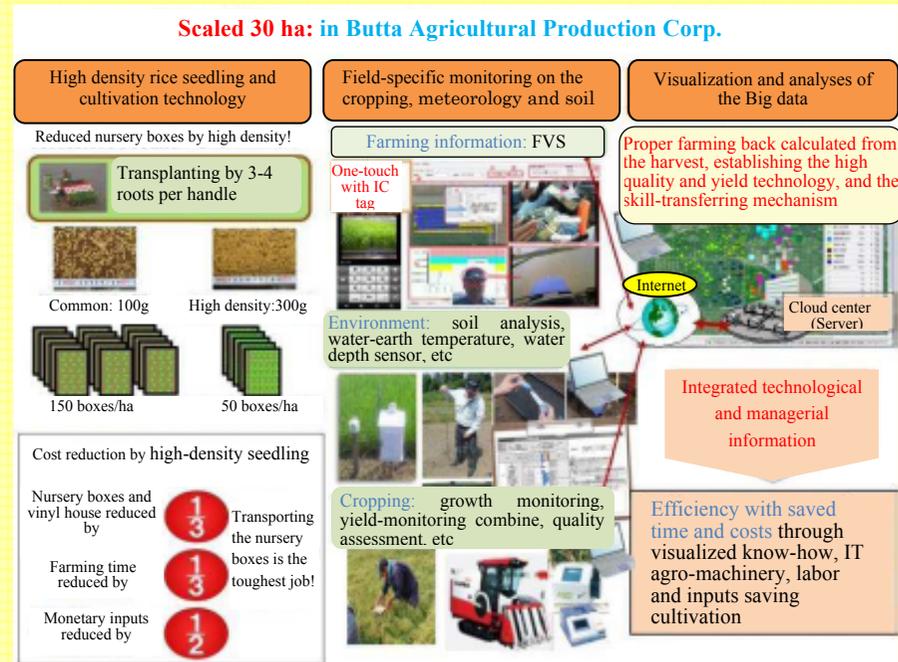
1-1) In the Farms scaled 150 ha of Kinki Region



1-2) In the Farms scaled 100 ha of Kanto Region



1-3) In the Farms scaled 30 ha of Hokuriku Region



1-4) In the Farms scaled 30 ha of Kyushu Region

