

# Kubota's Unique Sustainability as a Platform Provider Supporting Life

The Earth is based on a cycle of water moving through the sea, the air, and the land. In the sea and the air, Both of these issues are caused by human activities on land. As a platform provider sustaining life, the Kubota the cycle of a beautiful Earth and increase its resilience.

## Issues

### ① Harmony with Nature—Protecting forests and rivers

- Reduction in CO<sub>2</sub> absorption ability due to deforestation
- Reduced water retention ability of water-source forests
- Destruction of eco-systems
- Droughts and desertification due to global warming
- Landslides and flooding in downstream areas
- Dilapidation of rural areas and increase in abandoned farmland

## Kubota's Solutions

- ▶ **Construction machinery, agricultural machinery** (preservation of forests, rivers, and rural areas / preservation of eco-systems) ▷ P14
- ▶ **Water supply and sewage facilities, *johkasou*** (preserve water quality in water source and upstream areas) ▷ P16 · 17

Water falls on the land

Water brings goodness to the land

13 CLIMATE ACTION



## Issues

### ② Efficient Food Production—Gentle on the environment, enriching for people

- Increase in CO<sub>2</sub> emissions in food production processes
- Groundwater pollution due to excess chemical fertilizer and agrochemicals
- Stall in agriculture due to abnormal weather processes
- Shortage of agricultural workers due to declining rural populations

## Kubota's Solutions

- ▶ **Agricultural machinery** (efficient and safe food production / curbs on excessive chemical fertilizer and agrochemicals) ▷ P14
- ▶ **Smart agriculture** (agriculture with fewer CO<sub>2</sub> emissions / automated driving and robotic technologies) ▷ P15
- ▶ **Agricultural water pipeline** (stable supply of agricultural water / drought prevention) ▷ P16 · 17

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# For Earth, For Life



pollution of the oceans and the climate change are problems that will soon become irreversible. Group will work to enrich people's lives while tackling various issues at every stage on the Earth to restore

## Issues

### ④ Working toward a Recycling-based Society

— Sending water on to the next stage in the cycle

- River and ocean pollution due to wastewater from homes and factories
- Environmental and atmospheric pollution due to waste emissions and incineration
- Waste plastic problem

## Kubota's Solutions

- ▶ **Sewage treatment facilities, *johkasou*** (prevention of water pollution / phosphorous recovery and conversion into fertilizer / treatment of civil and industrial wastewater)
- ▶ **Waste incinerator facilities, etc.** (waste compaction / recycling of waste products / exhaust gas detoxification / maintaining clean cities)
- ▶ **Crushing and recycling facilities** (reuse and effective use of resources)

▷ P16 · 17

Water is purified and begins the cycle again

### ③ Maintenance of Social Infrastructure

— For a healthy and comfortable life

- Increase in CO<sub>2</sub> emissions following economic development
- Increase in water demand
- Impact of natural disasters on life-supporting infrastructure
- Rampant transmissible disease

## Kubota's Solutions

- ▶ **Water supply and sewage facilities, pipe systems** (stable supply of safe water / preserving public health)
- ▶ **Engines, construction machinery** (compliance with emissions regulations in each country / motive power for diverse industrial machinery)
- ▶ **Products and services that help to prepare for natural disasters**

▷ P16 · 17

▷ P14

▷ P166 · 167



Water brings richness to the lives of people

\* The Company's initiatives on the SDGs are described in detail in the Special Interview section on p.18-21. For information about environment-friendly "Eco-Products" see p.62