

The relationship between Kubota's business activities and environment

INPUT

Materials (metals, plastics, cement, paint and so on)	Energy (in terms of crude oil) 272 thousand kℓ Co-generated electric power (in terms of crude oil) 5 thousand kℓ
Recycled materials Scrap 350 thousand ton Fly ash 62.2 thousand ton Used paper pulp 10.5 thousand ton	Water 6.84 million m ³
	Chemicals (notified to PRTR) 10,480ton

Recycled water 947 thousand m³

Environmental load
 Water : pH, ss, BOD(Cement wastewater, Painting wastewater)
 Air : SOx(Exhaust gas from boiler)

Recycle

Recycle

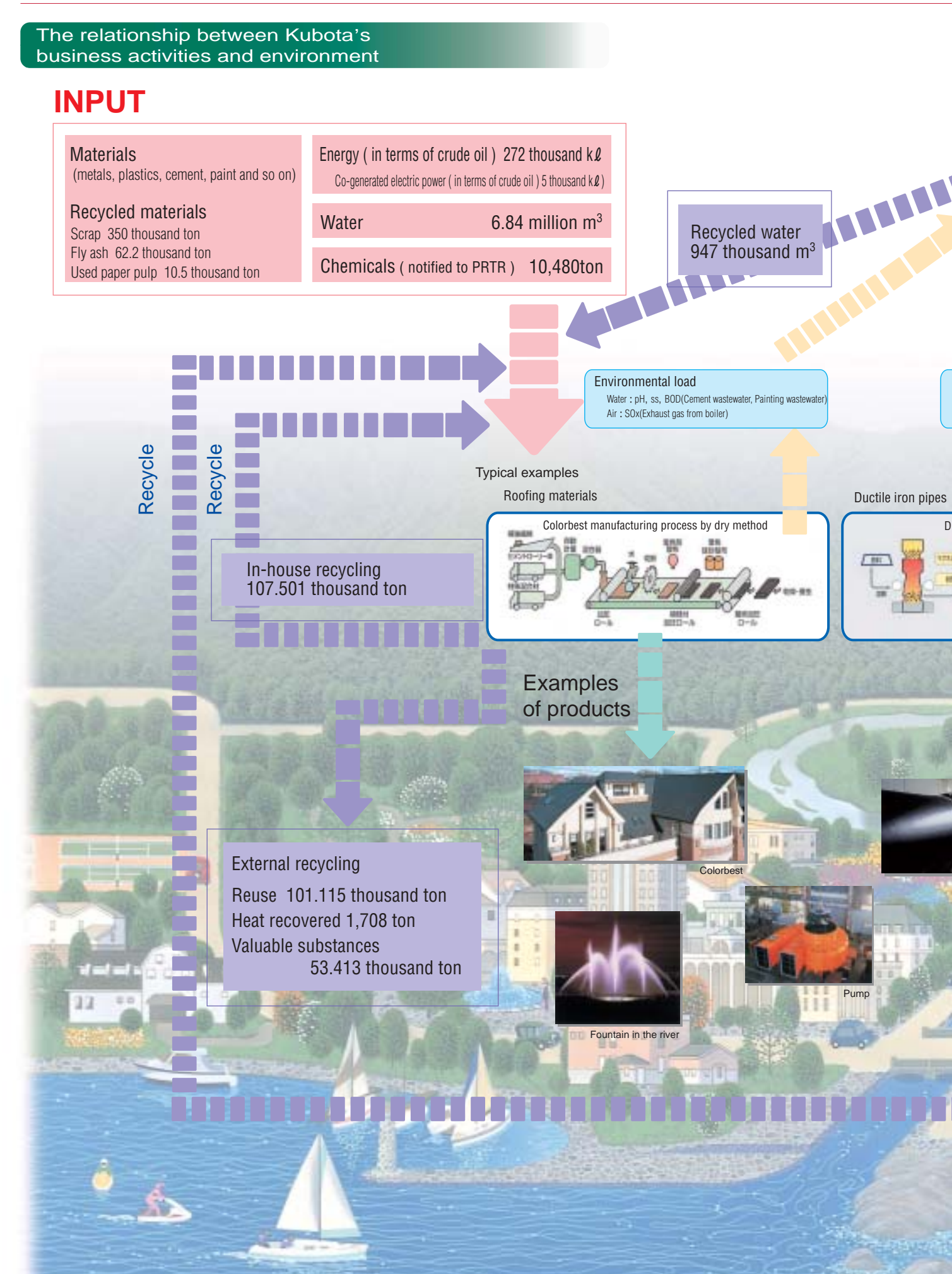
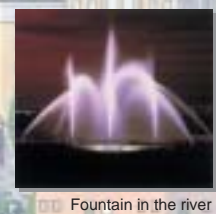
In-house recycling
 107.501 thousand ton

Typical examples



Examples of products

External recycling
 Reuse 101.115 thousand ton
 Heat recovered 1,708 ton
 Valuable substances 53.413 thousand ton



OUTPUT

Water

Discharged amount of wastewater

Public water area 4.64 million m³

Sewage 1.19 million m³

COD 18 ton

N 9 ton

P 2 ton

Air

NOx 183 ton

SOx 20 ton

Ozone layer depletion substances 0 ton

Green house gas

CO₂ 617 thousand ton

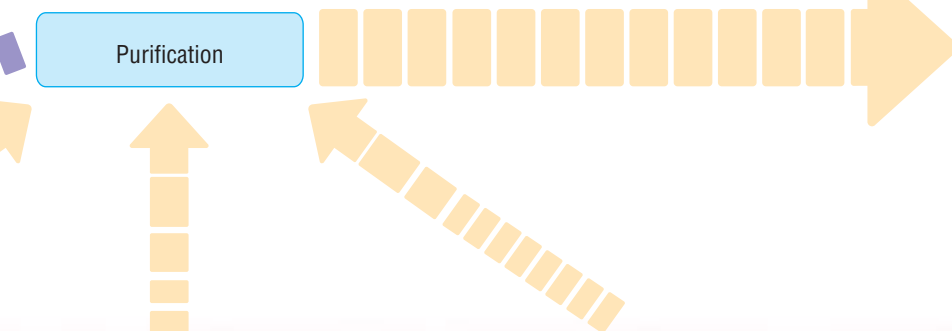
HFC 0.2 ton

Chemicals (notified to PRTR) 1,686 ton

OUTPUT

Incinerated amount of wastes
2,247 ton

Landfill amount of wastes
9,432 ton



Environmental load

Water : pH, ss(Cement wastewater)
Air : NOx, SOx(Exhaust gas from cupola)

Environmental load

Water : n-hexane (wastewater including oil)
Air : SOx(Exhaust gas from air conditioners)



Ductile iron pipes manufacturing process



Engines

Assembly line of the engines



Ductile iron pipes



Rice transplanter



Desert greening



Ribbed pipes



Municipal solid waste incineration plant with super generation



Tractor



Dioxins decomposition equipment

Collection of waste products

Cast iron pipes	3,230 ton
Roofing material	572 ton
Wall materials	205 ton
Vinyl pipes	6 ton