Pipe and Fluid Systems Engineering Consolidated Division Energy saving and low environmental load type horizontal pump gate " Pump da-mon " 11 Three-layered hard polyvinyl chloride pipes using recycled foaming material 11 Floating and small-sized water purification equipment for reservoir 12 Farm and Industrial Machinery Consolidated Division The engines complying with exhaust gas regulations (V3300) 13 Dual fuel engine (Gasoline and LPG) DF752,1005 13 Automatic vending machine for beverages in paper cartons (2001 model) 14 **Environmental Engineering Consolidated Division** Recycle-promoting municipal solid waste incineration equipments 15 Advanced sewage treatment system 15 Dioxins decomposition units ······ 16 Kubota internal carbonization equipments 16 Housing Materials and Utilities Consolidated Division New Colorbestos ······ 17 Recycling flat roofing materials 17 Materials Division Ductile frame ······ 18 **Air Condition Equipment Division PV Business Planning and Promotion Department** Kubota's power generating roof " Ecolony " 20 **Technology Development Headquarters** Aluminum alloy parts development by high strain-rate-super-plastic forming 21 Contribution activities to foreign countries Environmental considerations at design and development stages An example of LCA implementation (a comparison of a bubble fluidized bed furnace with a circulating fluidized bed furnace) ··· 24 An example of small-size-oriented and saving energy design (small-sized Joukaso HC type) 25

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