Kawasaki Mechanism Certification System **Certification Results (FY2021)**

CO₂ emission :

Decrease

Increase

No Change

Use/Operation

& Maintenance

Disposal/

Recycle

Outside the Boundary

A strength and characteristic of Kawasaki City is its effort in promoting a reduction in greenhouse gas (GHG) emissions on a global basis by leveraging high quality environmental technologies. As one of its related initiatives, Kawasaki City has initiated the Kawasaki Mechanism Certification System to mark the contribution to GHG emission reductions outside the city (avoided emissions) made through the use of environmental technologies of enterprises within the City and to facilitate the appropriate evaluation of these enterprises in the market.

Asahi Kasei Corporation

awasaki Mechanis



Ion Exchange Membrane "AciplexTM (F7001)"

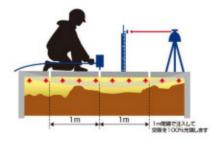
of raw materials

Procurement of Production Distribution/

Avoided emissions 1.15×10^6 tons (as CO₂ equivalent) **Product usable years** 4 years

UPCON Corporation

Concrete Floor Slab Subsidence Correction Method "UPCON"



Procurement of raw materials Distribution/ Use/Operation Disposal/ Production & Maintenance Recycle

Avoided emissions 2.32×10^3 tons (as CO₂ equivalent)

Product usable years 50 years

Toshiba infrastructure Systems & Solutions Corporation Komukai Complex

Banknote Processing Machine (FS-2000)



Distribution/ Use/Operation Disposal/ Production of raw materials & Maintenance Recvcle

Avoided emissions 9.53×10^2 tons (as CO₂ equivalent) **Product usable years** 10 years