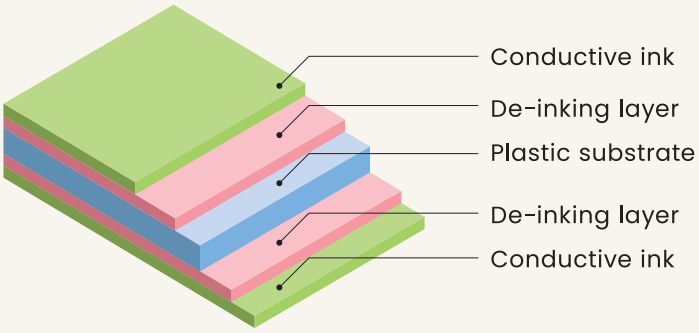
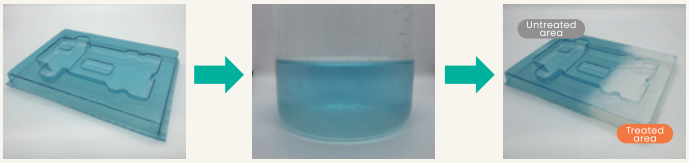
MARUAI

Collaboration with Maruai

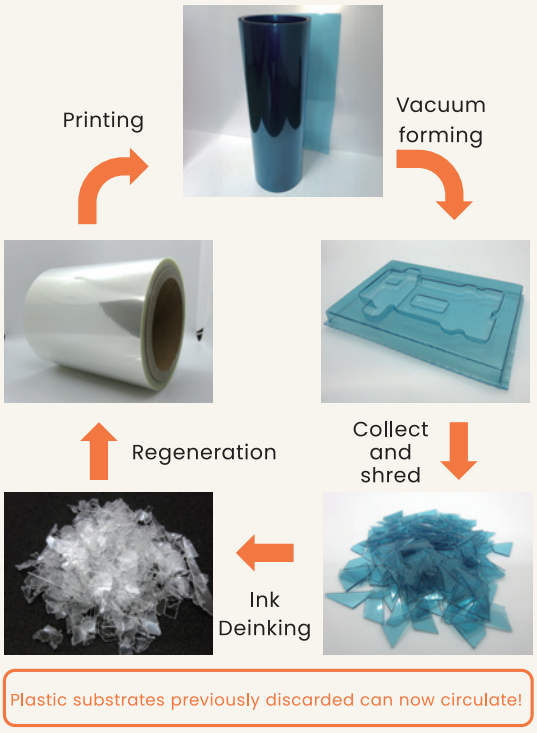
Together with Maruai, we developed a recyclable conductive sheet that allows the ink to be removed from the plastic substrate and the material to be recycled. We have begun a demonstration to establish a closed-loop recycling scheme.



Structure of recyclable conductive sheet



Untreated tray | Treatment liquid (alkaline solution) | Treated tray



Plastic substrates previously discarded can now circulate!

Next, we will test the post-consumer recycling of used conductive trays and establish a closed-loop system covering collection, de-inking and regeneration of plastic products
This will support plastic circularity.

A conductive sheet is a plastic substrate coated with conductive or anti-static ink. It is used in trays and carrier tapes to protect electronic parts for appliances and vehicles from static electricity during transport.



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