

### The client and background to the search

We are working with an **established FMCG company seeking UK companies and organisations who are developing products and materials that are made from mixed plastic waste, or a combination of mixed plastic and metal waste.** Our client has a post-consumer waste stream of mixed plastic granules and metal fragments ( $\leq 6\text{mm}$  diameter) and is interested in ways to reuse them as part of a circular economy. Whilst they have an existing supply chain to separate and recycle much of the waste stream for processing into pellets for reuse, they wish to minimise the energy required for this activity. Our client is interested in ways to upcycle their waste streams into consumer-facing products that illustrate the reuse of their waste materials.

### The search

Our client is looking for companies that can incorporate mixed plastic waste, or mixed plastic and metal waste into end-products or materials. These products could be used by consumers or by the client in retail outlets e.g., materials for shop-fitting, displays or containers to collect consumer products at end of life.

### Required

- UK company or organisation (to minimise carbon footprint associated with shipping abroad)
- Incorporation or upcycling of mixed plastic waste into a product or material
- Available in 2-6 months
- Final products of interest include, but not limited to, decorative household products, textiles or building materials which may have visible plastic and / or metal granules from the waste stream

### Nice-to-haves

- Process is suitable for mixed plastic waste in combination with a small percentage of mixed metal waste
- Little / no additional processing of the waste plastic granules/flake
- Can accommodate up to 40 tonnes / year of mixed plastic and metal waste, ideally with the capacity to increase this
- No charge to take our client's waste; our client will purchase some of the product / materials if suitable
- The final product can be recycled, so could be part of a circular economy

### Out of scope

- Conversion of the mixed plastic waste to pellets for injection moulding
- Production of food packaging

### What the client can offer

The client is looking for companies and organisations to support their recycling and sustainability goals. This therefore represents an excellent business opportunity for an ongoing partnership with an FMCG company. The client is also interested in engaging with small companies that could benefit from additional resources e.g., to support expedited scale up. Please send any preliminary information on any potential solution or partner to: - Diane Kolonko, via [diane@strategicallies.co.uk](mailto:diane@strategicallies.co.uk)