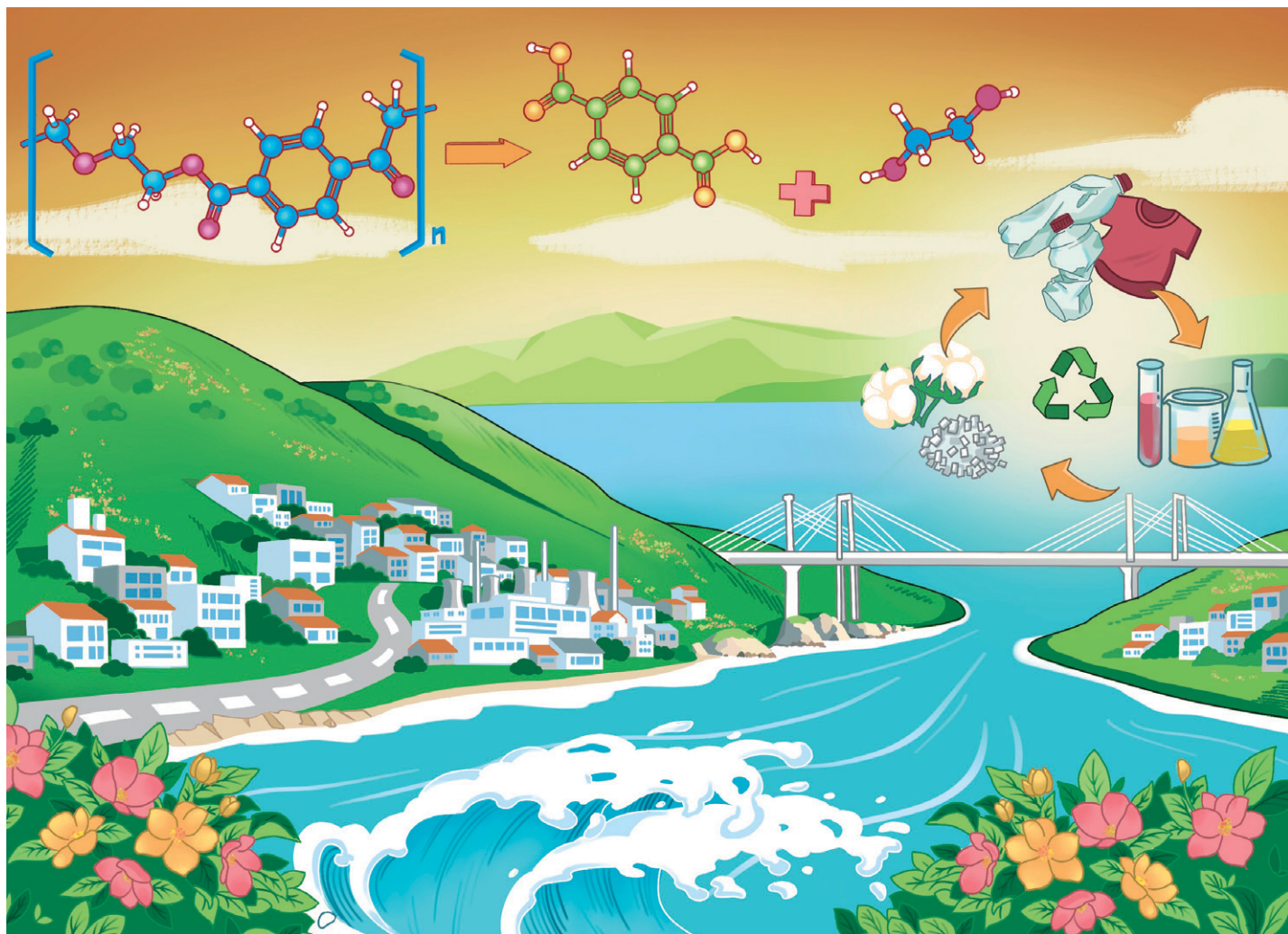


# EES Batteries

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Showcasing research from Kotohiro Nomura's laboratory,  
Tokyo Metropolitan University, Tokyo, Japan.

Depolymerization of PET with ethanol by homogeneous iron catalysts applied for exclusive chemical recycling of cloth waste

The acid-, base-free exclusive depolymerization of PET with ethanol catalyzed by  $\text{FeCl}_3$  affording DET and EG, and the selective depolymerization of PET from textile waste have been demonstrated.

As featured in:



See Kotohiro Nomura *et al.*,  
*Ind. Chem. Mater.*, 2025, 3, 49.