

## **Problem Statement for Electronic Waste**

Develop a solution to tackle the growing problem of e-waste generated from households and industrial/ commercial-use. At present most of E-waste is ending into informal sector, which lacks in environmentally sound system for recycling, where there are no systems in place to recycle it in environmentally sound manner. The major challenge is to divert e-waste from informal to formal sector. The solution should aim to increase the role of formal sector in collection, safe handling, and responsible disposal of e-waste, while also promoting the recovery of valuable resources from discarded electronic devices. The solution should be scalable, affordable, and accessible to all segments of the population, including low-income households. It should address the challenges of awareness, behavior change, and infrastructure gaps that currently hinder e-waste management. The solution may also address harnessing of technology and ensuring to drive circular economy modules for e-waste recycling and upcycling. The solution should also take into account the potential environmental and social impact of e-waste recycling and disposal methods and ensure that the solution is socially responsible and sustainable in the long run. The solution shall not reiterate what has already been covered under the e-Waste Management Rules.