PROBLEM STATEMENTS

1) *Conversion of any kind of waste that has a burden on the environment to something useful that actively negates the impact of climate change.The range could be anything from street leaf waste to tender coconut waste to juice vendor waste to tailor scraps to construction debris to expired medicines. It could be a model for transforming the waste with the pilot production prototype, or it could a model for collecting waste that can reach an existing production facility, across any city.*

2) *Despite significant decline in upfront investment required for implementation of green solutions (renewables, EVs, district cooling, etc), the capital investment is still significantly higher for infrastructure projects vis-a-vis non greener alternatives. Can there be some innovation in project financing to support this capex?*

3) *Data centers are expected to contribute 2.5bil CO2E by 2030. How can we make more sustainable data centres?*

4) *Innovating for Sustainability: Driving Smart Resource Conservation (Energy & Water) in Home Appliances (Refrigerators, Air Conditioners, Washing Machines and Desert Air Coolers)*

5) *Forecasting Future Water Requirements and Assessing Storage Capacities in Reservoirs*

6) *Create a data-driven solution that recommends optimal fertilizer types and quantities based on soil health, crop type, and weather patterns, ensuring sustainable agricultural practices. Expected Solution: An application that analyzes soil data and provides tailored fertilizer recommendations, promoting sustainable farming while enhancing crop yield and farmer income.*

7) *How can the organisation implement a self-sustaining model and reduce dependency on external funding so that MOVE programme can have a wider reach and become more accessible?*

8) *Develop a sustainable business empowering vulnerable communities through logistics and supply chain, consumer and market definition and reach, achieving financial, social and environmental goals.*

9) *EV-friendly neighborhoods are critical for creating sustainable and liveable cities. How can Kazam*
partner with city planners, residential societies, and businesses to design EV-friendly neighborhoods
that optimize charging, parking, and public transport integration?

10) *At source, segregation of plastic is crucial so that the collected USED CLEAN PLASTIC goes 100% for*
recycling, promoting Circular Economy practices and ensuring ZERO PLASTIC TO LANDFILL
Can students build on this idea and create an innovative model of small bins that are user-friendly
A solution to collect clean used plastic from houses and corporates to deposit with waste management companies of recyclers
Revenue model on plastic recycling is similar to recycling or used paper.