**Project Title: Smart Waste Management Project Design Phase-I** - **Solution Fit Template** **Team ID:** PNT2022TMID05693







| **Identify strong TR & EM** | **3. TRIGGERS TR**  What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efﬁcient solution in the news  The main trigger is the health concerns regarding garbage overfil. | **10. YOUR SOLUTION SL**  If you are working on an existing business, write down your current solution ﬁrst, ﬁll in the canvas, and check how much it ﬁts reality.  If you are working on a new business proposition, then keep it blank until you ﬁll in the canvas and come up with a solution that ﬁts within customer limitations, solves a problem and matches customer behavior.  >Garbage level detection bins  >Getting the weight of the garbage bin  >Alerts the authorized person to empty the bin whenever the bins are full.  >Garbage level of the bins can be monitored through a web App. We can view the location of every bin in the web application by sending GPS location from the device.  **Here a waste management system is introduced in which each dumpster is embedded in a monitoring system that will notify the corresponding employee if the dumpster is full.** | 1. **CHANNELS of BEHAVIOUR CH**     1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine? Extract ofﬂine channels from #7 and use them for customer development.  Customers may complain online or provide feedback and such  Offline they might help make the metropolitan city clean by not disposing a lot of solid waste. |  |
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| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?  i.e. lost, insecure > conﬁdent, in control - use it in your communication strategy & design.  Customers feel frustrated, annoyed when faced with problems related to waste disposal.  After the solution the general public feels grateful and an effective system is set in place. |