

Define CS, fit into CC	<div><div>1. CUSTOMER SEGMENT(S)<div>CS</div></div><div>Who is your customer? i.e. working parents of 0-5 y.o. kids</div><div>Wind Energy Harvesters</div></div>	<div><div>6. CUSTOMER CONSTRAINTS<div>CC</div></div><div>What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.</div><div>No planned Budget , They have no idea how to efficiently harvest the wind energy</div></div>	<div><div>5. AVAILABLE SOLUTIONS<div>AS</div></div><div>Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking</div><div>Prediction made by the previous outcome</div></div>	Explore AS, differentiate
	<div><div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div></div><div>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.</div><div>To analyse the output energy of the wind turbine in the changing weather conditions . And to store the data in the dataset.</div></div>	<div><div>9. PROBLEM ROOT CAUSE<div>RC</div></div><div>What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.</div><div>Initialising requirs more fund. And Unpredictable weather conditions</div></div>	<div><div>7. BEHAVIOUR<div>BE</div></div><div>What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)</div><div>Calculates the usage of the wind turbine Collect the data from the potential wind farms And makes a comparison</div></div>	
	<div><div>3. TRIGGERS<div>TR</div></div><div>What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.</div><div>If the customer finds it as an efficient solution. It will automatically trigger all other customers to do it.</div></div>	<div><div>10. YOUR SOLUTION<div>SL</div></div><div>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 behaviour.</div><div>The input condition of the wind turbine is forecasted by an auto regressive model. Hence it reduces the need for balancing energy and reserved power output energy</div></div>	<div><div>8.CHANNELS of BEHAVIOUR<div>CH</div></div><div><div>8.1 ONLINE</div><div>What kind of actions do customers take online? Extract online channels from #7</div></div><div><div>8.2 OFFLINE</div><div>What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</div></div><div>Online:It will analyse the data which are previously uploaded and predict the output energy.</div><div>Offline:The input condition of the wind turbine is maintained constantly.</div></div>	
Identify strong TR & EM	<div><div>4. EMOTIONS: BEFORE / AFTER<div>EM</div></div><div>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.</div><div>Confused with improper output flow. After: Happy with the efficient and stable output .</div></div>			Identify strong TR & EM