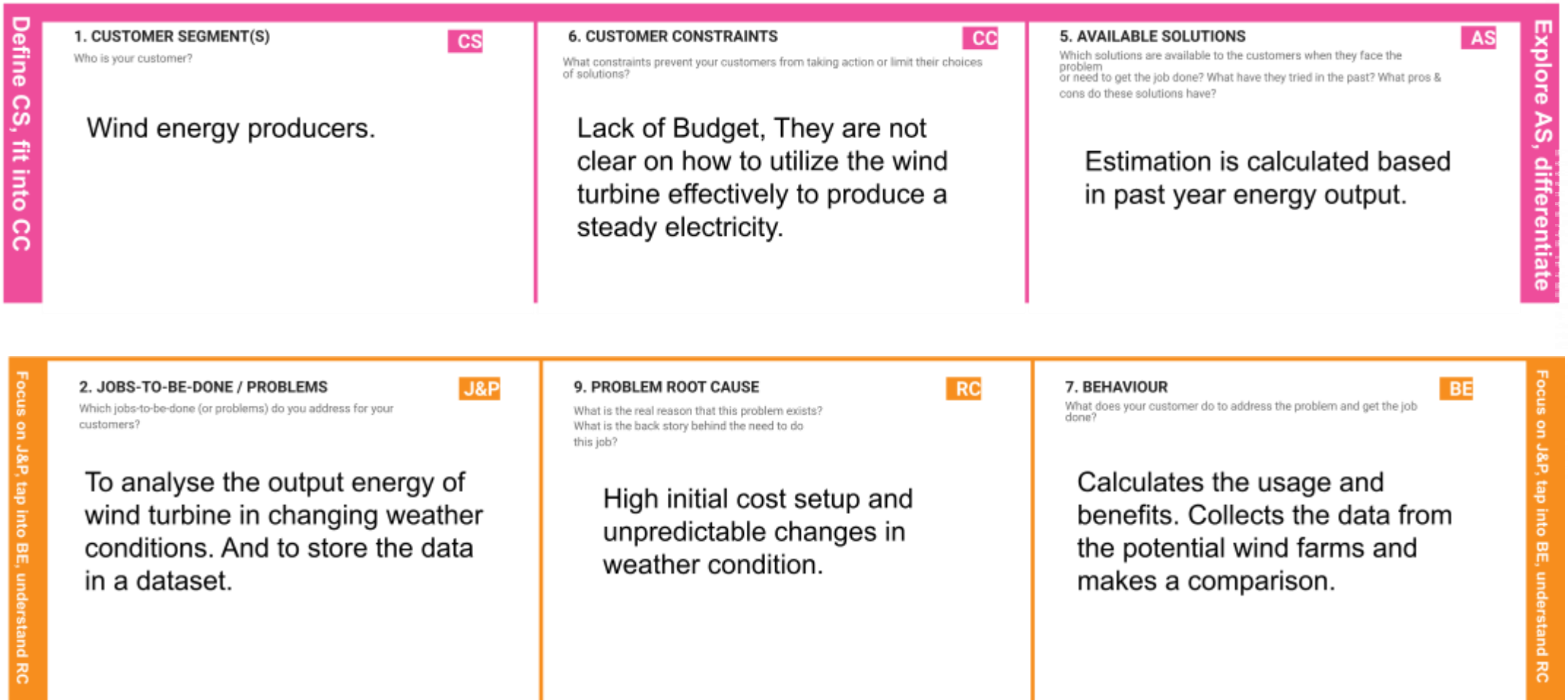


Project Design Phase-I - Solution Fit Template

Project Title: Predicting the energy output of a wind turbine based on weather conditions.

Team ID: PNT2022TMID21439



3. TRIGGERS

TR

What triggers customers to act?

If the customer finds it as an efficient solution. It will automatically trigger all other customers to do it.

4. EMOTIONS: BEFORE / AFTER

EM

How do customers feel when they face a problem or a job and afterwards?

Before: Confused with improper energy flow.
After: Happy with the efficient technique.

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.

The inlet 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.

8.CHANNELS of BEHAVIOUR

CH

8.1ONLINE

What kind of actions do customers take online?

It will analyse the data which are previously uploaded and predict the output energy.

8.2OFFLINE

What kind of actions do customers take offline?

The inlet condition of the wind turbine is maintained constantly.