Define CS, fit into CC

1. CUSTOMER SEGMENT(S)   `CS`
Who is your customer?
i.e. working parents of 0-5 y.o. kids

1)People who use renewable energy source
Like windmill, solar panels.

6. CUSTOMER CONSTRAINTS   `CC`
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.

6) *)Comercial Partnering & PPA,
     *)Increase the no of Offshore wind turbines,
     *)Leading wind turbine blade technology.

5. AVAILABLE SOLUTIONS   `AS`
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

5) *)On shore Wind turbine
    *) Offshore Wind turbine
    *) Comercial Partnering & PPA

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS   `J&P`
Which jobs-to-be-done (or problems) do you address for your
customers? There could be more than one; explore different sides.

2)Weather change is the biggest problem for us
To predict the energy of wind Turbine.

9. PROBLEM ROOT CAUSE   `RC`
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.

9) Sound and visual are the two main public health and
   Community concerns associated with operating wind
   Turbines. Most of the sound generated by wind turbines
   Is aerodynamic, caused by the movement of blades
   Through the air.

7. BEHAVIOUR   `BE`
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)

7) Improving production of electric power from Renewable
   Sources is fundamental in order to decrease the
   Use of fossil fuels.

Focus on J&P, tap into BE, understand RC

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

3)Using Renewable sources like Windmill to
reduce the use of power generated by coal.

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.

4)Before - Once they installed the renewable energy they
would paid the electricity bill
After – The windmill is free from non-renewable source
& It is a free source so there is no paid for that.

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 behaviour.

10) Solution Offered through this project
   We analyzed the data for a Windmill Farm and extracted the
   parameters (assuming other physical conditions like weight
   of blades, height of windmill to be same etc) that affect power
   generation the most.
   Then we prepared an ML model taking the obtained features
   in consideration, using Boosted Regressor Tree Model.
   Then for provinding solution quicker to the end-user, we
   Made an Android app to obtain power predictions of next 72
   ss hours on hourly basis in single click.

8. CHANNELS of BEHAVIOUR   `CH`
8.1 ONLINE
What kind of actions do customers take online? Extract online channels from #7

8.2 OFFLINE
What kind of actions do customers take offline? Extract offline channels from #7
and use them for customer development.

8.1) Customer use our weather predict app to find the
updates about weather and wind speed

8.2)They need to use Leading wind turbine blade
technology and based on their land we suggest onshore wind
turbine and offshore wind turbine.

Identify strong TR & EM