

1. CUSTOMER SEGMENT(S)

Forest rangers
Fire officers
Common people
Tribal peoples

6. CUSTOMER CONSTRAINTS

Need to monitor the forest 24*7 Huge datastore is needed to manage data
Forest is a vast area the customer himself cannot monitor those areas

5. AVAILABLE SOLUTIONS

In the existing solution sensors and cameras are used to detect the fire. This solution is difficult to implement because there is a possibility of false positives

AS

plotted AS, differentiated

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

2. JOBS-YO-BE-DONE / PROBLEMS

Detect forest fires at earlier stages and alert people about the impact and measures to extinguish

9. PROBLEM ROOT CAUSE

RC
The main reason for fire are natural causes such as lightning and man-made causes like naked flame, cigarettes or

7. BEHAVIOUR

When burning fuel is exposed to oxygen from the air, a chemical reaction occurs that releases heat and generates combustion. The manner in which fuel ignites, flame develops and fire spreads. In wildland this behavior is influenced by weather and topography interact.

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

<div>3. TRIGGERS</div> <div>IR</div> <div>When some country installs and gets high success rate at detection of forest fire will encourage others</div>	<div>10. YOUR SOLUTION</div> <div>SL</div> <div>We are going to test a CNN(Convolutional neural network) model which collects the data from sensors, cameras and drones and gives it to the model and predicts the fire before it happens. It also gives the exact location of fire and to reduce the false positives of fire detection</div>	<div>8. CHANNELS of BEHAVIOUR</div> <div>CH</div> <div>Customers can share the moments through the social medias and other platform</div>
<div>4. EMOTIONS: BEFORE / AFTER</div> <div>EM</div> <div>customer feels frustrated and insecure because of fire and after the prediction they can feel safe.</div>		