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#### **Cost centers**

# Value propositions What problems do you have and how do you

# **Key partners**

Who should be involved as you produce and deliver your solution?

SPACE AGENCIES

SOLAR PANELS VENDORS Solar Panels homeowners

## **Key activities**

What do you need to do to produce, market, and deliver your solution?

Export these

graphics in a PNG

or a PDF format to

analise and report

redaction via

Whatsapp,

Telegram or Email

Python

Backend)

Graphics

Design Tools

for UX,

Logos and

Videos

Based on the nformation obtained by the Power portal API we show emporal graphics of tradiance, incidence angles and more parameters.

Users and enterprises are able to upload their data to comparisons.

## **Key resources**

What do you need to have in order to produce, market, and deliver your solution?

POWER PORTAL API

Django

(Backend)

Angular framework (Front-End)

Python libraries for Data Analysis and Visualization power generation and comparise space agencies data with homeowner infromation.

Calculate electric

solve them?

Web application responsive for mobile users.

Export measures
and graphics as
PDF reports,
images to email or
social media for
friends and
technicias

Recommendation of optimum inclination and position angles for better efficiency of solar panels

Prediction of measures based in a historic of a selected coordinates.

d App

#### Channels

**Explanation** 

Videos for

Use of the

How do you deliver your solution to customers and where can they find it?

**Customer relationships** 

How do you talk to your market about your

solution? How do you acquire customers?

Education of

sustainable

Buildings and

renewable

energy.

Web Application capable of compile in a native app for IOS and Android

#### **Customer segments**

Who needs your solution? How many people need your solution right now or will eventually need it?

People interested in renewable energies and sustainable buildings and may have this techonolgy.

**Profit centers** 

Exportation

of PDF, PNG

graphics to

the user.

new in these topics and desire to be part of this new tendency.

Users who are

Enterprises who offers renewable energy and sustainable building products and services.

Students and entrepeuners researching cost effectiveness and want to improve this technology.

#### **Cost structures**

Application design and maintenance

#### **Revenue streams**

This app's license is open-source.