**Renovive S.A de C.V**

Team Members Name Year Major

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Topic Title: "Powering Sustainable Development: Responsible Consumption, Production, and Affordable Clean Energy"

Sustainable Development Goal

SDG#(S):

SDG 7: "Affordable and clean energy”

SDG 12: “Responsable consumption and production”

Audience: The population of the city of José María, Aguascalientes

**Executive Summary**

The problem to discuss is the overload of emissions coming from non-renewable sources of energy in the state of Aguascalientes in México, such as fossil fuels or coal like the ones used in the process of manufacturing. Most Mexican southern states are known to be rainy, however, a few of them make an exception, being sunny and dry most of the year; the state of Aguascalientes is one of them, yet not much effort is put towards creating solar panel banks, which could power most of the activity that the state undergoes.

The implementation of solar panel banks in the city of Jose María, in Aguascalientes, would provide affordable and clean energy to a population of 129,929 people; where 310 establishments would be able to provide responsible energy consumption and manufacture, where car assembling stands out as the main economic activity of the state of Aguascalientes. On the other hand, this would also give access to Wi-Fi and energy to 11,047 boys and 11,544 girls between the ages of 5 and 14 learning in public schools; where most of the public schools of the state lack of this tool, providing access to accurate and academic information.

The implementation of solar panel banks in the city of Jose María could not only provide affordable and responsible energy consumption but also benefit the manufacture, more specifically in relation to car manufacturing and assembling, and educational sectors of the region. It is important to prioritize the transition to renewable energy sources to mitigate the negative impacts of climate change and to create a more sustainable future for generations to come.