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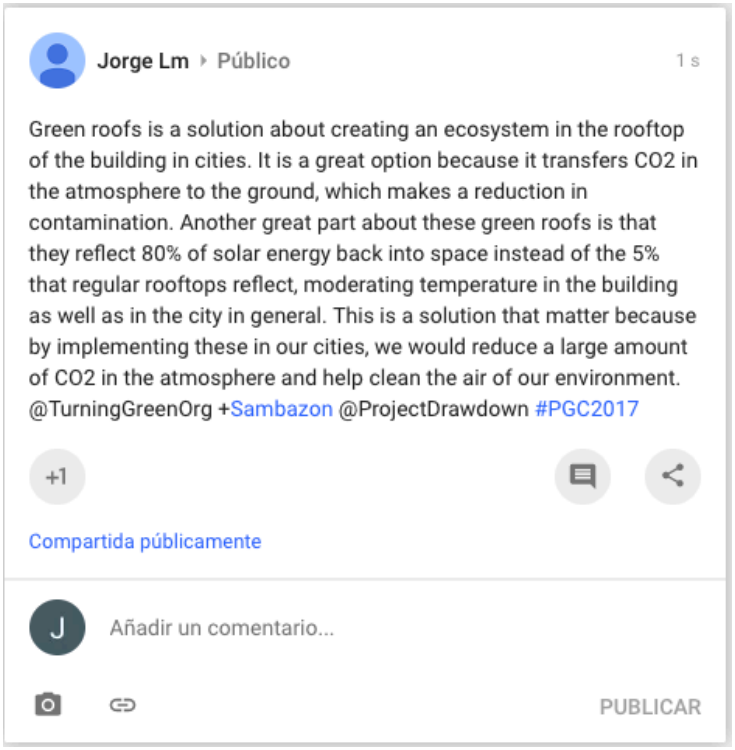
SOLUTION 73: GREEN ROOFS

This solution is about creating an ecosystem in the rooftop of the building in cities. It is a great option because it transfers CO2 in the atmosphere to the ground, which makes a reduction in contamination. Another great part about these green roofs is that they reflect 80% of solar energy back into space instead of the 5% that regular rooftops reflect, moderating temperature in the building as well as in the city in general.

- **Why did this solution resonate?**
  - This solution resonated with me because big cities are some of the biggest contributors to global warming and with this solution, we will reduce a great amount of GHG emissions and it is not something that is a drastic change for people in cities such as changing from cars to bicycles, it is a simple change that has no change in the lifestyle of that person but would make a GREAT change in the world.

- **Was there anything that surprised you?**
  - The amount of CO2 that can be reduced by the year 2050. If 30% of roof space is green roofs and 60% of roof space is taken by cool roofs, the amount of CO2 reduce would be of 0.77 GIGATONS!! That's an incredible amount of CO2.

- **Is there anything you would add to enhance the solution?**
  - To this great solution I would like to add some sort of rain storage to be used for taking a bath, washing your hands, watering your garden and everyday uses of water.