Good morning and hello, everyone. My name is Tata Rakesh

Today I am going to be present about my project Smart Tree.  
Until this day there are no solar tree which is Smart. The existing solar trees are not sustainable in the end because apart from lighting and providing power for charging phones, they do not generate any revenue, which means the existing solar tree have been in limited of usage.

This smart tree which you are seeing is completely powered by solar energy,  
Yes, this smart tree has smart features than the traditional tree’s

Those are:

* It runs on a mother board (Raspberry Pi 3B+).
* Camera for security usage.
* Motion detection sensor at night-time for lights.
* I can remotely monitor the system not being in present.
* Provides Wi-Fi.
* Charging Devices.

This raspberry Pi mother board runs on Linux and I have also used python in this for camera module.

The project will be sustainable because advertisers paid for their advertisements on the screens.

The smart tree enables users to access information, access the internet due to the availability of hotspot, charge their phones and will help in reduction of greenhouse emissions.  
Like the proposed project, the existing smart trees helps in beautifying the city.