Solar Neighbourhoods Initiative

By: Harry Hu, Hamdan Khan, Jack Zou, Sanchit Jain



Background

Our prospective client : <u>Toronto Solar Neighbourhoods Initiative</u>, a part of the The Atmospheric Fund under Toronto's TransformTO green initiative.

The Solar Neighbourhoods program offers incentives of up to \$1,000 towards the purchase of solar water heating systems for eligible residents.

Those who participate can choose to receive \$1,000 up-front towards the cost of their system or a \$500 up-front rebate along with zero-interest financing to cover the cost of the system (up to \$10,000)



Why Us?

The information we collect can help facilitate The Atmospheric Fund to more easily distinguish potential clients who are eligible for rebates

The advantage we provide over our competitors such as, 311 City of Toronto, is that we provide a collection of data rather than providing only single sets upon request.

Dynamic tool to facilitate sales of houses/property that are fitted with solar water heaters to individual clients

Current State Product

- Django web application making an API Call to City of Toronto's Open API
 - Aggregating information on buildings with solar water heaters and those with permits in the application stage
- Allows TAF to target potential homeowners pre-emptively towards the sale of solar water heaters through address display

Product Potential and Sustainability

- Integration with Solar Neighbourhoods Initiative webpage with user based login/logout functionality
 - Workflow management tool for Initiative sales
 - Accelerates achievement of the Toronto Transform TO goals
- Ability to filter by address/postal code
- Generate mapping for property listing

Questions?