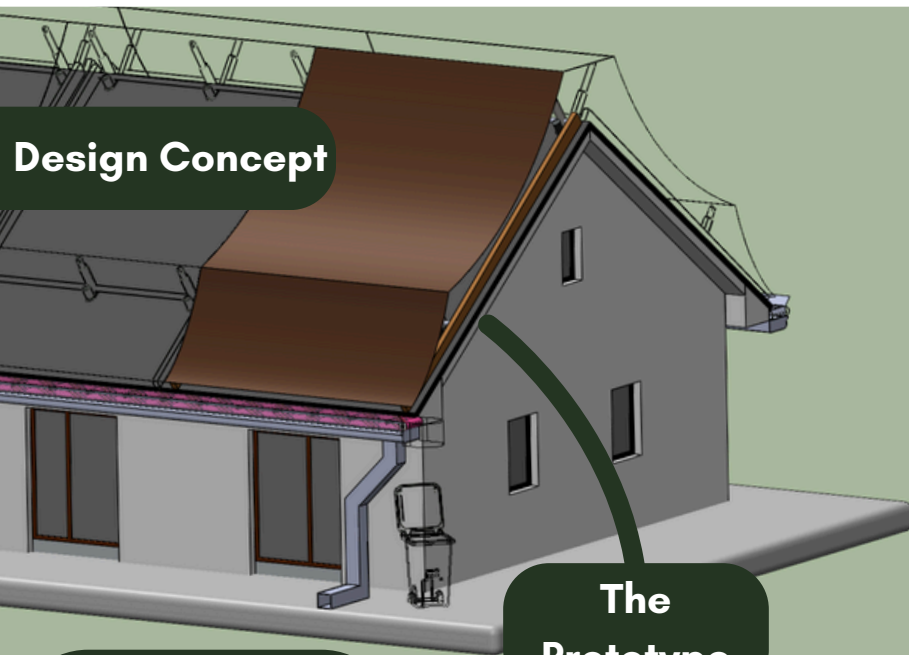


Ember Lift Prototype



Design Concept

Opportunity

Embers and sparks from forest fires can ignite rooftop debris.

Remote high-risk communities in BC require a device that's easy to operate in removing debris.



The Prototype

Tarp and Conveyor Guards ensure all debris gets safely removed



Two Stage Lifting removes **all** large debris



All Debris should be Removed and Collected on Conveyor



Cleaning Start Signal Given by a Timer and CLEAN Button



Organize and Secure Electrical Componentes



Debris is Safely Transported Without Falling off the Roof



Conveyor Holds and Transports Large Debris

Conveyor Belt rolls to Transport **156 + grams** of large sticks and leaves



Protective Case housing all exposed electrical terminals



Website and Timer System wirelessly start and stop device, with users navigating it in **under 15 seconds**

