

EnPro 352: Battery-Powered Transport for Catamaran Boats

Cat Slippers



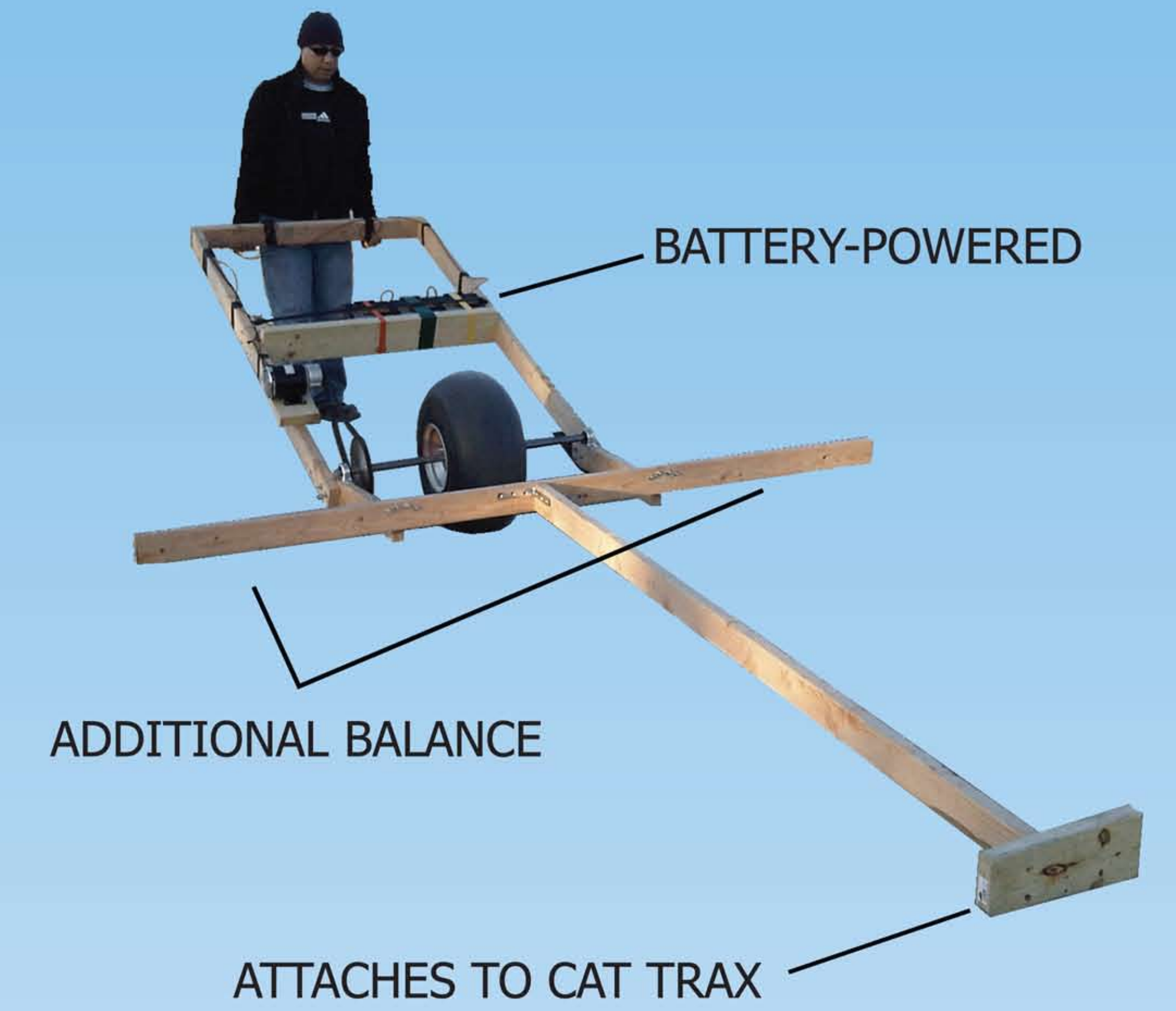
Problem

- The majority of boats are stored away from the water's edge, hauled to the water, and returned to their storage location
- Boats typically weigh around 400lbs
- Current Approach:
 - beach dollies (Cat Trax) require individual(s) to expend too much energy with considerable lifting
 - requires several adults to move the boat from storage to water
 - difficult to balance



Catamaran

Cat Kart



Cat Trax



Construction



Solution

to provide a battery-powered transporter to dramatically reduce the physical labor associate with the current method of transport



Cat Slippers



Cat Kart



Preliminary Lego Model

Accomplishments

- Constructed Prototype
- Tested Materials
- Constructed Cat Kart and Cat Slippers
- Created Survey/Interview
- Designed Logo
- Launched Beta Website

