

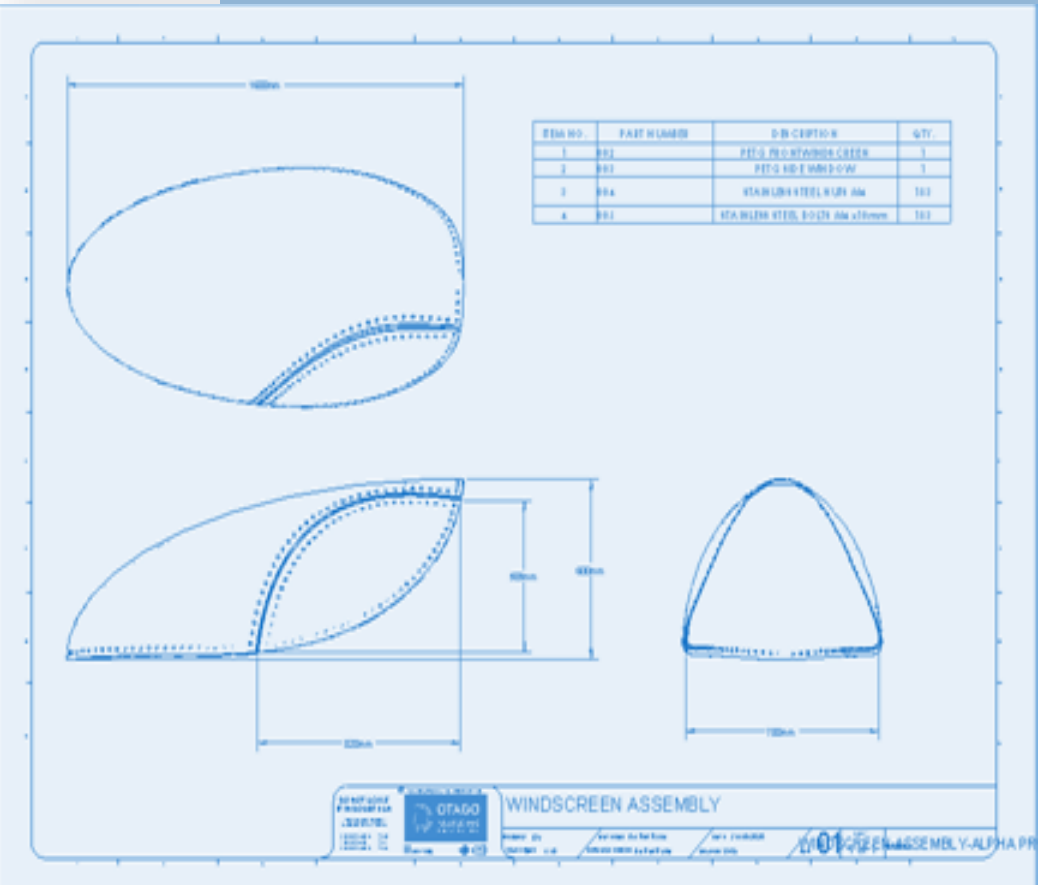
Design 2, Engineering—Electric Vehicle

Windscreen Development —by Linda Street , Korol Yang

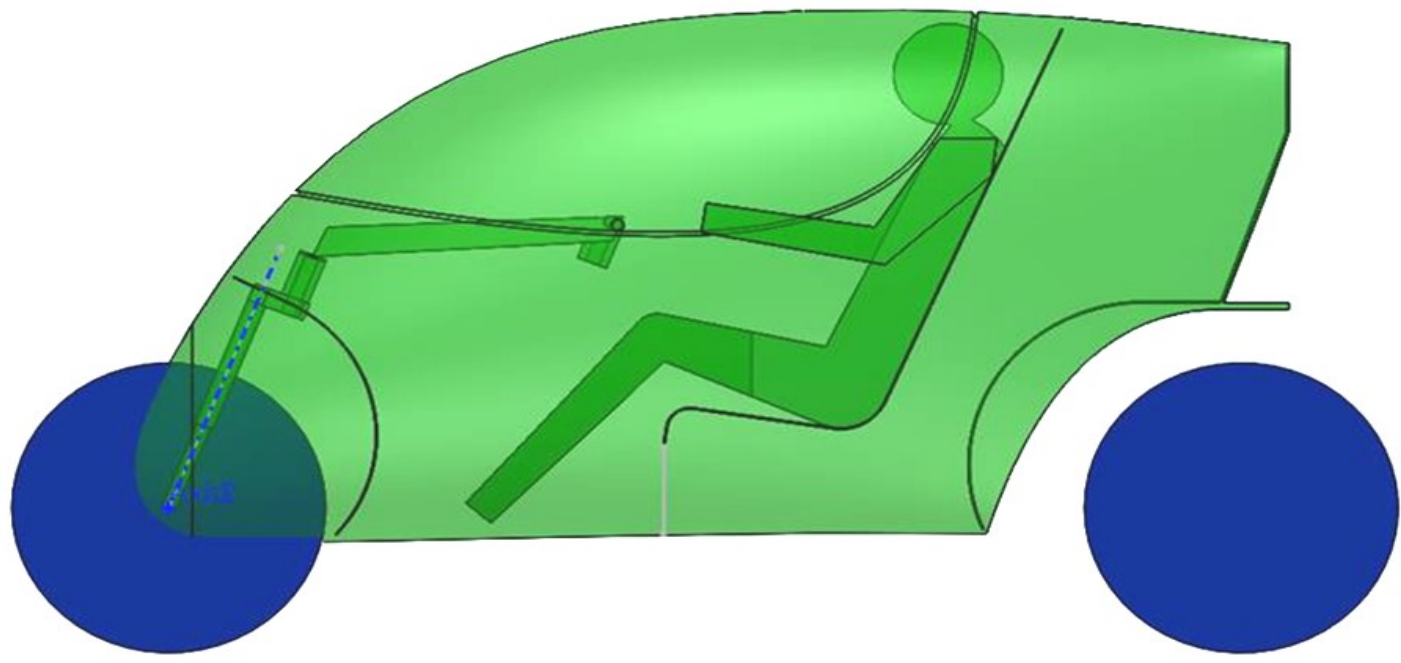
CREATION PROCESS

DESIGN PROCESS

- Product Research
- Competition Research
- Developing Design
- Material Research
- Manufacturing Process
- Evaluation
- Bill of Materials



CONCEPT



A Multi-Team Engineering Project to develop an Alpha Prototype of a Two Wheel Electric Vehicle

CUSTOMER REQUIREMENTS

- Light weight
- Ergonomic
- Visibility
- Durable
- Within Budget
- Design Perimeters
- Time Constraints

CONSTRUCTION PROCESS

METHOD OF CONSTRUCTION

- PETG was heated until malleable
- Placed over the form
- Pressure Applied

CHOICE OF MATERIALS

- PETG was selected as the preferred material -
- High Visibility
 - Strength
 - Ease of Manufacture in EPIC Centre workshop
 - Cost
 - Lightweight



Trimmed to fit



- Temporary Fitted into place
- Fix the imperfections

COMPLETION

