

EWB iSondlo Project: Electronics Team
Meeting 00
Date: 08 August 2022
Time: 17:30 – 18:30

Attendees:

- Heather Wimberley
- Inhle Cele
- Patrick Rankhumise
- Muhaimin Khan
- Bonga Njamela

Points of Discussion:

- Site visit on the 9th of August starting at 12:00 pm on Lower Campus

Remember to RSVP. Refreshments available. Contact Bonga with transport issues.

- Splitting teams into Control and Power subteams

Members will indicate in Whatsapp group which subteam they would like to work with, whether one or both

- Components required for prototype based

Reviewed the components suggested the prototype v01 proposal document compiled in 2021 by Ben Connolly and the Electronics Team

- Purchasing of components for prototype

Purchasing of components will begin as soon as the subteams have been finalised

- Addressing issues that may arise during prototype testing

Prototype will serve as an indicator of where the system is lacking and improvements will be made by the team as we go along. We are all learning

- Inspection of site for factors that contribute to power generation

Shadow profiling, location of cell, finding azimuth for PV module orientation

- Communication with other teams on the way forward

Work with other iSondlo teams to find the best solution