Project Introduction

Overview

This project is a joint initiative between Engineers Without Borders, Robogals, and Engage.

In late 2015, representatives of the three organisation met to discuss a potential joint initiative between their organisations. They decided to pool their resources and pursue an initiative, jointly run and funded, to be executed in 2016.

Key Stakeholders

The aims of the three organisations are:

Engineers Without Borders

Vision: to create a global movement of humanitarian engineers

Mission (EWB ACT): improve understanding of engineering and its humanitarian applications

Robogals

Vision: a global culture of diversity and inclusion in engineering

Mission: inspire, engage and empower young women into engineering and related fields.

Engage

Vision: that all students, regardless of location or background, have the opportunity to see what is available to them through university education

Purpose: Engage rural school students on university topics, providing opportunities for them to make informed choices about their tertiary education AND Engage university students as community leaders, providing opportunities for them to develop skills and qualities through co-curricular learning

Project Aims

- Deliver an in-depth and engaging educational experience for secondary school students in NSW, with a focus on those who are female and from regional backgrounds
- Provide these students with an understanding of the relevance and viability of engineering and general university study to themselves, their career and society

The project will draw on the networks and agreed upon resources of EWB, Robogals, and Engage. This included access to some funding, networks of volunteers, industry partners, and schools, workshop plans and equipment, as well as experience of its members. The Project Manager will also have a significant sway on the project’s direction and form.