

## 2<sup>nd</sup> year group project - Letter

What we are looking for in a 2nd year project proposal is technological ideas to solve problems with a social and economic aspect. The technology you are thinking of must be applicable to a local or global problem. We do not expect new inventions - although they are most welcome - but we want you to think "out of the box" and be creative. Use a technology that already exists but do it in an unexpected but useful way, or add some functionality to it, or simplify it to make it more ergonomic, cost effective, ... Your project will be mainly a feasibility study of novel ideas or alternative solutions that are aimed at helping communities in every day life in areas such as e.g. power supply, clean water, healthcare ... in e.g. remote/poor communities; safety for pedestrians, cyclists, emergency services; learning and teaching enhancement, transport problems, and many more.

Although your project is initially a feasibility study, if the team works well and the technological idea is feasible we encourage you to build a simple prototype to demonstrate at the end of the year in your presentation and to show to visitors to our department. The department, as well as the college, support well worked out student-led-projects!

### What do we want from you?

Write an outline proposal of max. 500 words in which you explain the problem you want to solve, the technology you want to use and what is creative/novel in your approach of using this particular technology for the suggested problem. You might also want to briefly say what the feasibility study should contain. You can add 1 figure to support your idea.

### Aims of this outline proposal?

Everyone !!!! is expected to submit an outline proposal but only 24 - 25 proposals can be selected. Thus in your outline proposal you have to convince me and Dr. S. Bains that your proposals is original and useful and should be selected.

### How to submit?

Upload a pdf file via blackboard in EEE2 second year group project under assessment. Ensure the filename contains your name (name\_surname.pdf), your proposal should also have a title and an author in the text (this is excluded from the 500 word limit).  
DEADLINE - Mon. 10 October 2011 11:59 pm!

### What to gain?

1. the obvious: idea submission marks
  - : 5/10 for submitting
  - : 10/10 when submitted and selected
  - : 0/10 for not submitting
2. the useful: show your creativity, sell your idea, get a confidence boost, show that you can add to the quality-of-life of people and communities in the world
3. the souvenir: a price from Dialog for the winning and two runner-up teams at the end of the academic year and a show on the TV screens on level 2.

### What follows submission and selection?

Team building. Authors of selected projects will be invited to make a short (max. 3 slides) powerpoint presentation of their proposal. These will go on blackboard and are aimed at attracting interested team members. Team members will then subscribe to a project team (blackboard) and supervisors will be invited to select a project to support.

I wish you a maximum creativity and engineering inspiration boost and I look forward to receiving more than 100 outline proposals!!!

Dr. Kristel Fobelets  
2nd year group project organiser.