

# ENGR 102 - Freshman Academy

Fall 2008 (Leana Golubchik)

Sustainability Project

# Project Goals

- Build a company aimed at solving a sustainability problem
- The company's product must require an engineering solution
- The company needs to be profitable

# Teams

- Project is done in groups of 4-5 students
- Each student must have a clear role (or multiple ones) on the team
  - Team leader/CEO
  - Chief Engineer (VP of Engineering)
  - VP of Sales and Marketing
  - CFO/finances
- The group is graded as a team (not individually)
- We will divide students into teams
- Once teams are formed and team contract is signed, the teams are final

# Deliverables

- Project proposals
  - Written proposal (1-2 pages) due in class on Oct 6 (Mon section), Oct 8 (Wed section)
  - Brief (10 mins each) presentations of proposals and team member roles (starting on those dates, with continuation the following week as needed)
  - Team contract signed and final at this point
- Project progress reports
  - Project progress reports (1-2 pages) due in class on Oct 27 (Mon section), Oct 29 (Wed section)
- Final project report and presentations
  - Last two weeks of class, Nov 24 & Dec 1 (Mon section), Nov 26 & Dec 3 (Wed section)
  - Project report (5-7 pages) due at that time
  - Team project presentations (20 mins each)



# Getting Started

- Center for Sustainability
  - <http://www.centerforsustainability.org/index.php>
- Center for Neighborhood Technology
  - <http://www.cnt.org>
- I-GO Car Sharing
  - <http://www.igocars.org>
- Google Green Maps
  - <http://services.google.com/earth/green>
- Java-Log: The World's Only Eco-Friendly Coffee Firelog!
  - <http://www.java-log.com>
- Example executive summaries
  - <http://www.mit100k.org/resources.php>