

IDEAL IPrize 2016

Guidelines

These guidelines summarize the challenge.

I. Challenge Overview

The IPrize challenge of the IDEAL Center seeks to inspire the Lafayette Community to explore collaborative opportunities connecting liberal arts and engineering. The 2016 IPrize focuses on sustainability; each entry must address Economic Growth and one other United Nations (UN) Sustainable Development Goal (SDG) (<https://sustainabledevelopment.un.org/sdgs>). The UN defines the Economic Growth (GOAL 8) as the goal to “promote sustained, inclusive, and sustainable economic growth, full and productive employment and decent work for all.” IPrize entries can be based on an original idea or from a list of sponsored challenges (ideal.lafayette.edu/IPrize-sponsoredchallenges).

II. Prizes

Grand Prize: A grand prize in the amount of \$5,000 will be awarded to the winning team who has met all of the challenge criteria, has successfully addressed Economic Growth and one other UN SDG, and receives the highest score from the judging rubric.

First Prize: A first prize will be awarded in the amount of \$2,000 to the team with the second highest score who has met all criteria.

Second Prize: A second prize will be awarded in the amount of \$1,000 to the team with the third highest score who has met all criteria.

Awards may be accepted in the form of a taxable cash prize or as a professional development fund against which eligible expenses may be reimbursed.

III. Challenge Structure

Overview

The inaugural challenge will take place over the course of the spring 2016 semester. Teams must register by March 31 in order to participate.

Challenge Schedule

Date	Description
February 1	Prize Launch
March 31	Registration closes
April 30	Entry submission deadline
May 12	Oral Presentations / Awards

Each team will submit technical documentation, detailing their approach, design, Economic Growth plan addressing UN SD GOAL 8, and how the product addresses the other chosen SDG. Ultimately, the entry should identify established benchmarks or specifications that are relevant to the GOAL. The technical documentation as well as the oral presentation to the panel of judges will be used to calculate a final score for assessment.

IV. Judging Criteria

Entries must meet minimum requirements to be eligible for a prize. Entries will be scored based on the judging matrix comprised of the technical documentation submission and the oral presentation. Failure to meet minimum requirements will disqualify an entry from formal consideration.

Judging Criteria	Judged by	Minimum Requirement	Score Range
Team Size	Submission	2	-
Team Membership	Submission	Two academic divisions are represented (engineering, natural sciences, social sciences, and humanities) and two different class years	-
Economic Growth (UN SD GOAL 8)	Submission	Plan to generate revenue OR stable funding for non-profits	0 - 20
Other Sustainable Development Goal	Submission	Sustainable design, meets or exceeds relevant metrics	0 - 20
Prototype	Submission/Presentation	Prototype submitted (e.g. digital design, physical prototype, artistic renderings)	0 - 10
Innovation	Submission/Presentation	Considerable innovation	0 - 20
Design	Submission/Presentation	Articulate and unique solution	0 - 10
Presentation	Presentation	Compelling presentation	0 - 20

V. Prize Phases

Registration

IPrize entries must be registered by March 31 by 11:59 p.m. EST.

Technical Submission

Technical document submission and prototypes are due on April 30 by 11:59 p.m. EST.

Entry Submission Documents include:

- an entry report (5 page max) and
 - 1st page summary of entry
 - Approach to design
- an Economic Growth plan to generate revenue or demonstrate stable funding for non-profits, and identifies market need. One other SDG must also be addressed.
- Technical documentation (such as but not limited to webpage layout, color renderings, mechanical drawings, analysis, specifications, etc.) complete the entry.

Entry Submission Prototype:

All digital prototypes can be submitted electronically; physical prototypes, if applicable, must also be submitted.

Oral Presentation

Each team will deliver an oral presentation to the judging panel that will last no longer than ten minutes. A/V requirements for the final presentation should be submitted with the technical submission.

Final Judging

Final judging will occur on May 12 immediately following all entry presentations.

Awards

Prize recipients will be announced on May 12 after final judging.