



# YML Sustainable Manufacturing Innovation Contest

## LCA Across Europe

Lucie Hlavůňková  
Student Czech Technical University in Prague



## Evaluation criteria

### Complexity

Goal, scope and strategy of the analysis

Life cycle phases

Input and output flows

Set of impact categories and indicators

### Objectivity

Quality of data

Appropriate and Evidence based method

Documented and accessible sources

### Critical Interpretation and Presentation

Presentation of the life cycle analysis.

Explanation and critical evaluation of contributions,  
relevance, robustness, data quality and limitations.

Suggestion of opportunities for reducing the negative  
impacts of the product/process.



# WINNER

## OISÍN THOMAS GAVIGAN

Senior R&D Engineer  
PlasmaBound

Title of the Project

**Process Life Cycle Analysis of Chemical  
Propulsion Technologies for Rocket Launches**

- VIDEO 2

WINNER

ANTHONY GIAMPÀ

Project & Process engineer  
Feralpi Group

Title of the Project

**EAF - The Future of Steel Production**

- VIDEO 2