



## **IPRO 349 Solid Corn-Waste Fuel for Cogeneration**

**Fall 2008**

### **CODE OF ETHICS**

## **Overarching Principle**

Our project team will conduct ourselves professionally and with the highest standards of integrity, striving to produce a high quality product to estimate practical process efficiencies and overall cost options of solid corn stover as an alternative energy resource.

### **1. Law**

Canon: The process will abide by laws concerning EPA guidelines and emissions standards.

Pressure: Collect as much stover as possible to increase revenue.

Risk: The EPA regulated minimum of 30% of collected stover will not be left in the soil to prevent erosion.

Measure: Compliance with the canon will be evident from the absence of legal action concerning relevant EPA and emissions laws.

### **3. Professional Code**

Canon (1): During the procurement of data we are to be honest but smart.

Pressure: Obtaining practical and warranted data from professional companies makes our work highly qualified.

Risk: Represent our team falsely so that companies and organizations weigh our request and share their valuable data.

Canon (2): Only warranted and truthful data will be presented to prove the process. All data will be properly cited and credit given where credit is due.

Pressure: Present whatever data will help to prove the process.

Risk: Collecting miscellaneous data which is not cited well and not warranted to verify our work.

Measure: We represent our strength in research by receiving responses from companies and the compliance with the second canon will be measured by an absence of legal action against the group.

### **5. Community**

Canon: In the course of the project, the group will not purposefully ignore anything that would possibly concern the community.

Pressure: Expand business and industrialize the process.

Risk: Only the concrete numbers and data will be considered, and not the overall welfare and wellbeing of the community.

Risk: In the economic system, we may choose ideal but impractical considerations to which farms might feel inconveniently obligated.

Measure: To make sure our products and methods are convenient and feasible to actual farms, we will keep a good relationship with the farm.

## **6. Personal Relations**

Canon: Our sub teams will maintain a positive culture of teamwork, cooperation and cohesion.

Pressure 1: To avoid personal conflicts with other team members.

Pressure 2: To make sure that everyone puts in the same effort on the project.

Risk 1: To avoid working with another teammate because conflict issues have been left unresolved.

Risk 2: Group leaders may alienate their teammates by over managing or being controlling.

Measure: Sub teams will report the frequency and productivity of meetings outside meeting time.

## **7. Moral Values**

Canon: All participants on the operation of the process will be treated with respect and dignity and will not be required to do anything against their personal will.

Pressure 1: Create high expectations for all participants of the process to create a successful and competitive company.

Risk: Participants will feel pressure to complete their task or role and proceed in a manner they would otherwise not.

Pressure 2: Participants or employees will want to advance their own positions at the risk of others.

Measure: Internal surveys quantifying the level of happiness and content of participants will be utilized to measure compliance with the canon.