



DEPARTMENT
OF
ENGINEERING

Pressing Process Modifications

Dan Nesbitt

Mark Wagner

Energy Group

Biodiesel Project

Eleventh Annual School of Engineering Symposium

May 2, 2014

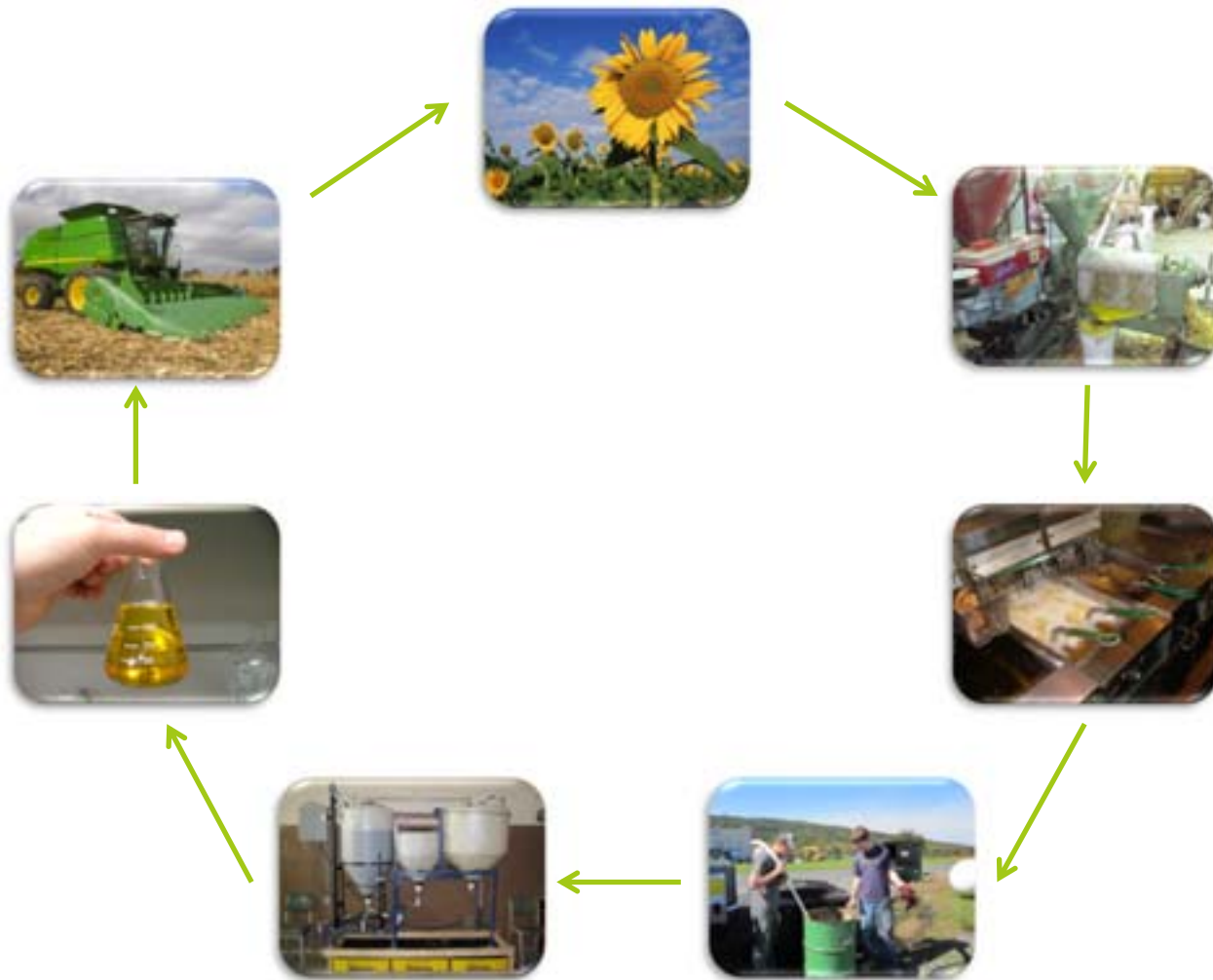
Project Goals

- Clean Oil
- Renewable Energy



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SUSTAINABILITY INITIATIVES AT MESSIAH COLLEGE

What do we do?



Seed Press



Filter



Filter Motor



Filter Motor



Filter Collection System



Filter Collection System



Filter Collection System



Transfer Holes

- Move Seed into Garage to Press
- Direct Exhaust Gasses Out of Garage



Ignition

- Create System that is Safe, Reliable and Simple



Press Catch System

- Create Enclosed Path For Pressed Oil



Where to go from here

- Exhaust Piping
- Transfer from Press to Filter
- Further Testing of Filter

Acknowledgements

Steve Marquiss
Dr. Thomas Soerens
John Meyer
Craig Dalen

Andrew Gates
Casey Bechard
Nathan Good
Thomas Carson
Meagan Miller
Aaron Edgin
Hannah Martin

Questions