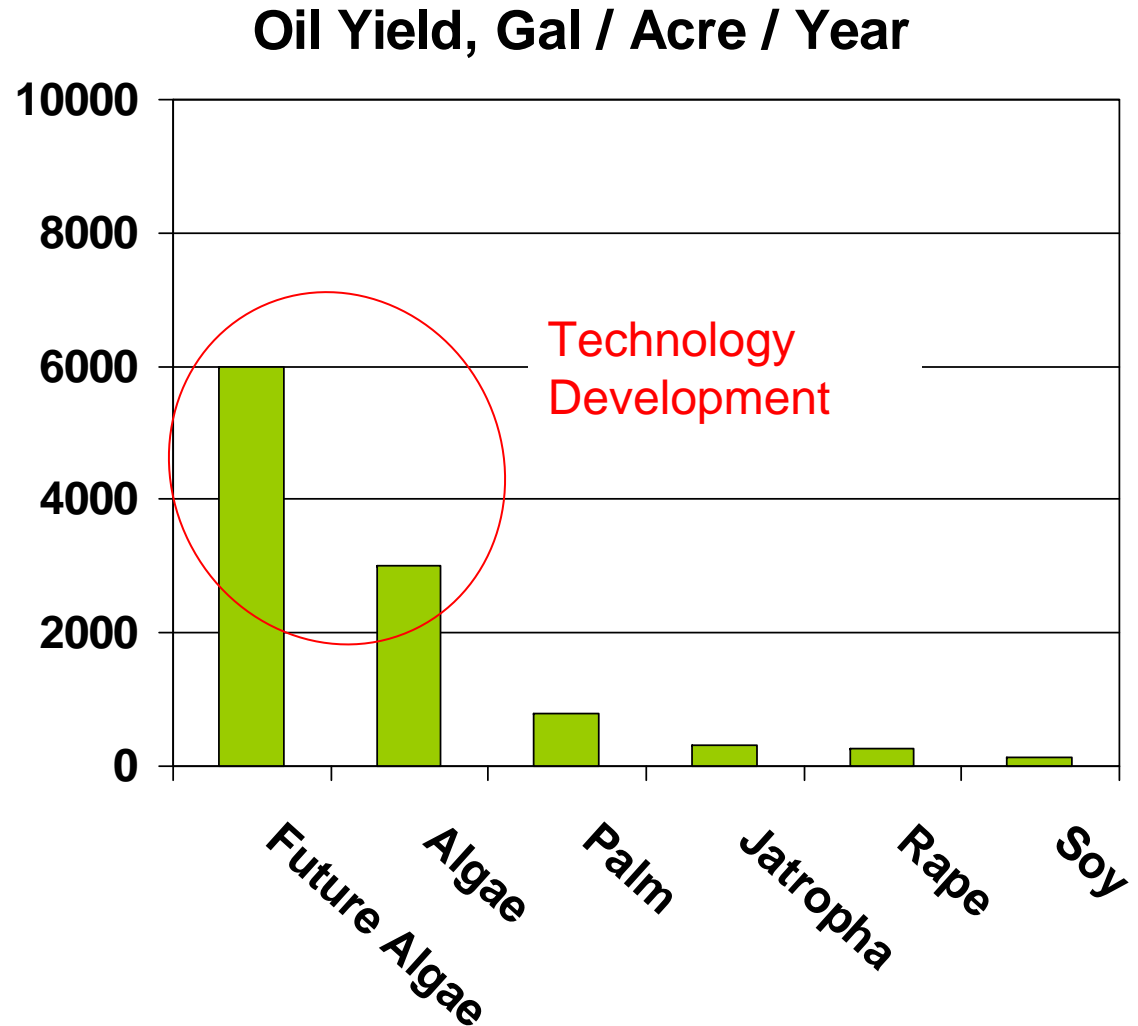

Algae: Future Fuel Plus

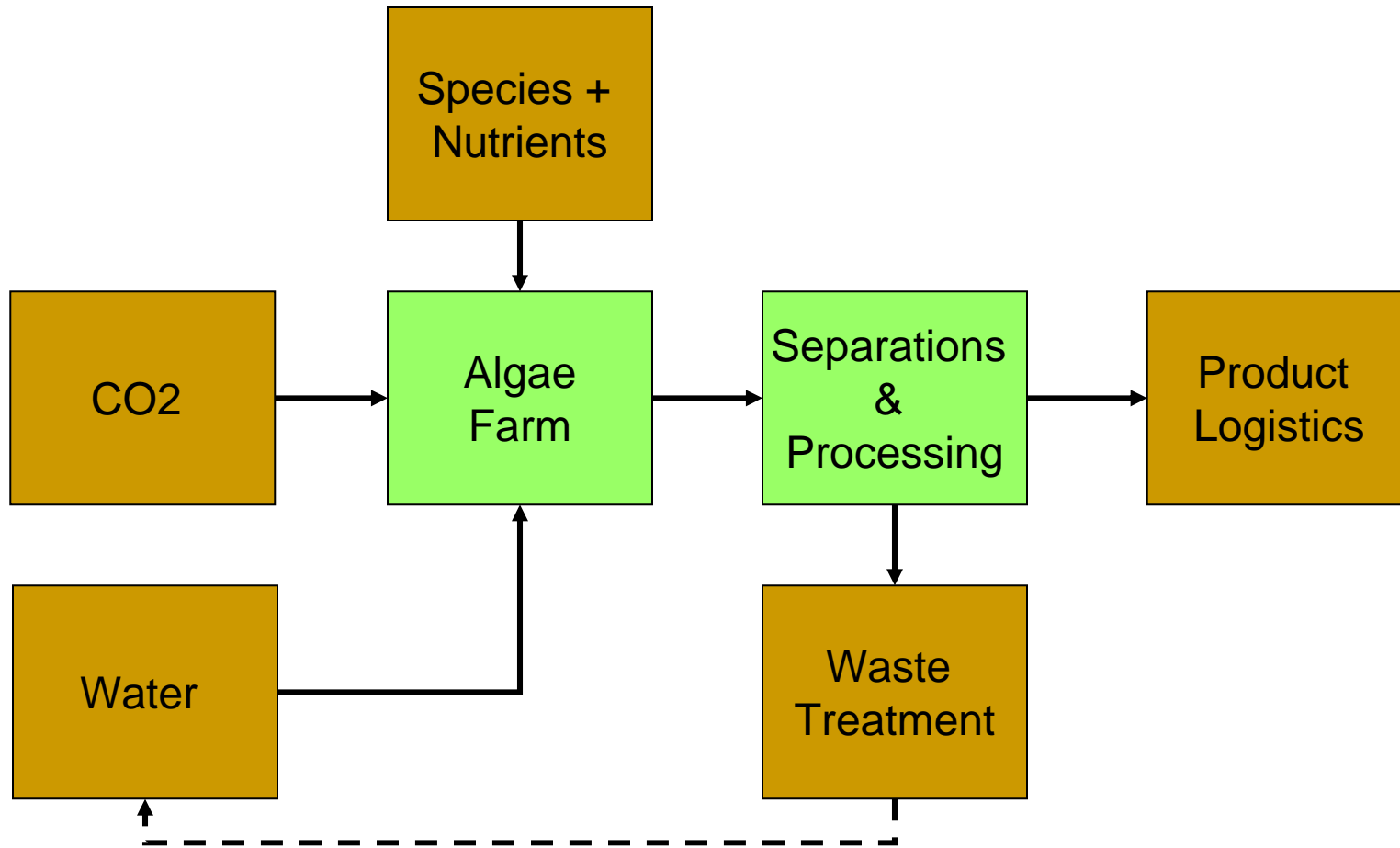
December 2008

Why We Like Algae

- It makes diesel
- Compatible with existing fuel infrastructure
- Potentially scalable
- Doesn't compete with food
- It makes high protein animal feed
- Reduces greenhouse gas
- Does not require arable land



Technology Development Required



Potential Applications

■ Farms

- ❑ Runoff water treatment
- ❑ Produce feed & fertilizer

■ Municipalities

- ❑ Co-locate with wastewater and electricity
- ❑ Valuable products from waste streams

■ Industry

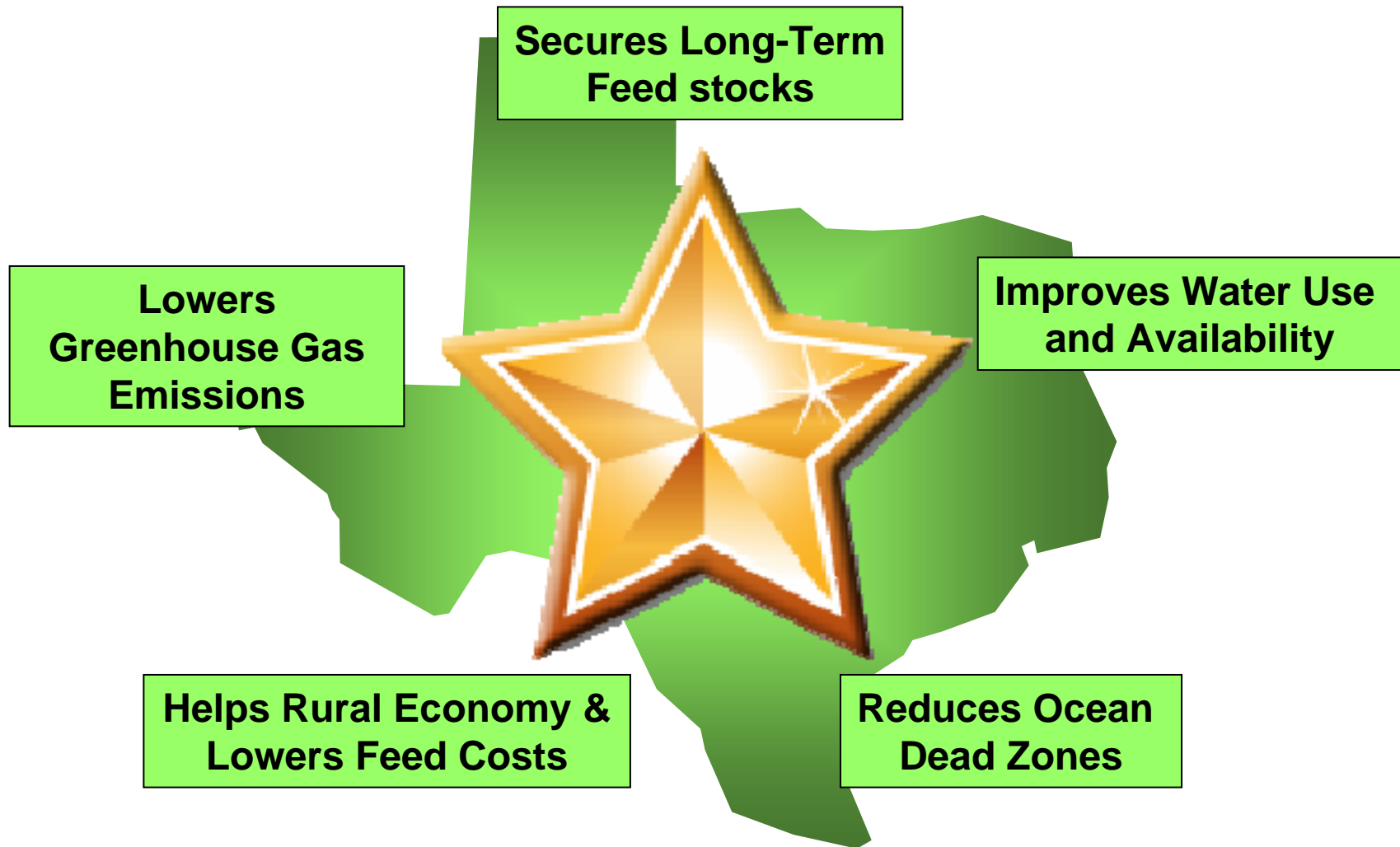
- ❑ Co-locate with refineries and chemical plants
- ❑ Feedstocks production
- ❑ Lower CO₂ emissions

Texas Has Leading Potential



- **Good climate – warm, sunny**
- **Large areas of flat, available land**
- **Large CO₂ sources**
- **Large non-potable water sources**
- **Existing logistics for products**
- **Strong Universities & process industry expertise**

Potential Solution for Texas Issues



What is Needed

- Texas Center for Algae Technology Research and Development
- Coordination between Federal Agencies
 - USDA, DOE, EPA
- Level playing field vs. other new energy technology
 - Recognize diesel's importance vs. ethanol
 - Provide increased technology development funding

More information

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