

### **Isobutanol: A Platform Molecule**



- Ready markets, and Primary Building Block
- Enabled because we learned how to make inexpensively
- Multiple large markets accessible from one product



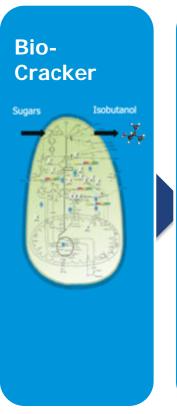
### Multiple Feedstocks; Proprietary Technology; Numerous End Markets



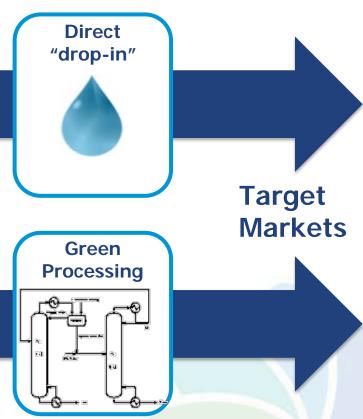
#### **Feedstock**



#### **Proprietary Technology**







# **Retrofit of Existing Ethanol Plant**





#### Luverne, MN Plant

Starting to Produce Isobutanol 35 Full time employees 220 Contractors at peak \$40-50 Million



Redfield, SD Plant

Plant 2 Retrofit in 2013

# **Leveraging Petrochemical & Refinery Assets**







**Targeted** Hydrocarbon



Jet Fuel Blendstock



Octane, Gasoline



Diesel Blendstock



Para-xylene (for PET)

# **Gevo ATJ in USAF Flight**



June 28, 40<sup>th</sup> flying Gevo's 50% ATJ and 50% JP-8 fuel blend



