Converting MSW Into Low-Cost, Renewable Jet Fuel
Fulcrum – MSW to Renewable Fuels

- Low-Cost Producer
- 80% Reduction in GHG Emissions
- Proven Technology
- Long-Term MSW Feedstock Agreements
- Long-Term Fuel Offtake Agreements
- Large Development Program With First Project Under Construction
Fulcrum’s Valuable Fuel Products

- Renewable Drop-in Fuel
- Passed Numerous Market Fuel Certifications
  - Ultra Low Sulfur Diesel
  - Commercial Jet
  - Military Jet
  - Navy Distillate
- Lowers Carbon Emissions by More Than 80%
- Qualifies for Numerous Renewable and Sustainability Standards
  - U.S. Renewable Fuel Standard
  - CA Low Carbon Fuel Standard
  - Roundtable for Sustainable Biomaterials
Changing the way Garbage is Handled and Disposed

- Large Volumes, Ideal Locations
- Established Infrastructure
- Carbon-Rich Feedstock Ideal for Biofuel Production
- Predictable Cost
- No Competing Uses
- Resolves Waste Disposal Problems
Proprietary, Proven & Efficient Fuels Process

- Feedstock Processing Facility Prepares MSW for Fuels Process
- Steam Reforming Gasification System Converts MSW to Synthesis Gas
- Fischer-Tropsch Process Converts Synthesis Gas to Syncrude, Jet Fuel and Diesel
Sierra BioFuels Plant

- In Operations
- Construction Completed on Schedule and on Budget

- EPC Activities Underway
- Prepared to Begin Construction Upon Financial Close
- Will Produce More Than 11 Million Gallons of Renewable Fuel in 2019
Fulcrum’s Strategic Partner Model

1. Feedstock Supply
2. Waste to Syncrude
3. Fuel Refining
4. Fuel Logistics
5. Customers