Synthetic vs. Natural Soda Ash Production Efficiencies

**Typical Synthetic Processing**
- **Inputs:** Salt, Ammonia, Limestone, Energy
- **Output:** Soda Ash

**Natural Soda Ash Processing**
- **Inputs:** Milled Trona Ore, Energy
- **Output:** Soda Ash

**Output:** Soda Ash

**17% Lower GHG Emissions** (even after shipping)

**Natural Soda Ash Processing**
- 40% more energy efficient than synthetic (before shipping) and lower GHG emissions

**Energy Consumption From Soda Ash Production**
- China Synthetic vs. US Natural

**GHG Emissions From Soda Ash Production**
- China Synthetic vs. US Natural