

The WBCSD

A CEO-led coalition of some 200 companies with a shared commitment to Sustainable Development via the three pillars of economic growth, ecological balance and social progress.



WBCSD Global Network

The US BCSD is one of 60 country business councils working on implementing sustainable development at the local, operational level.



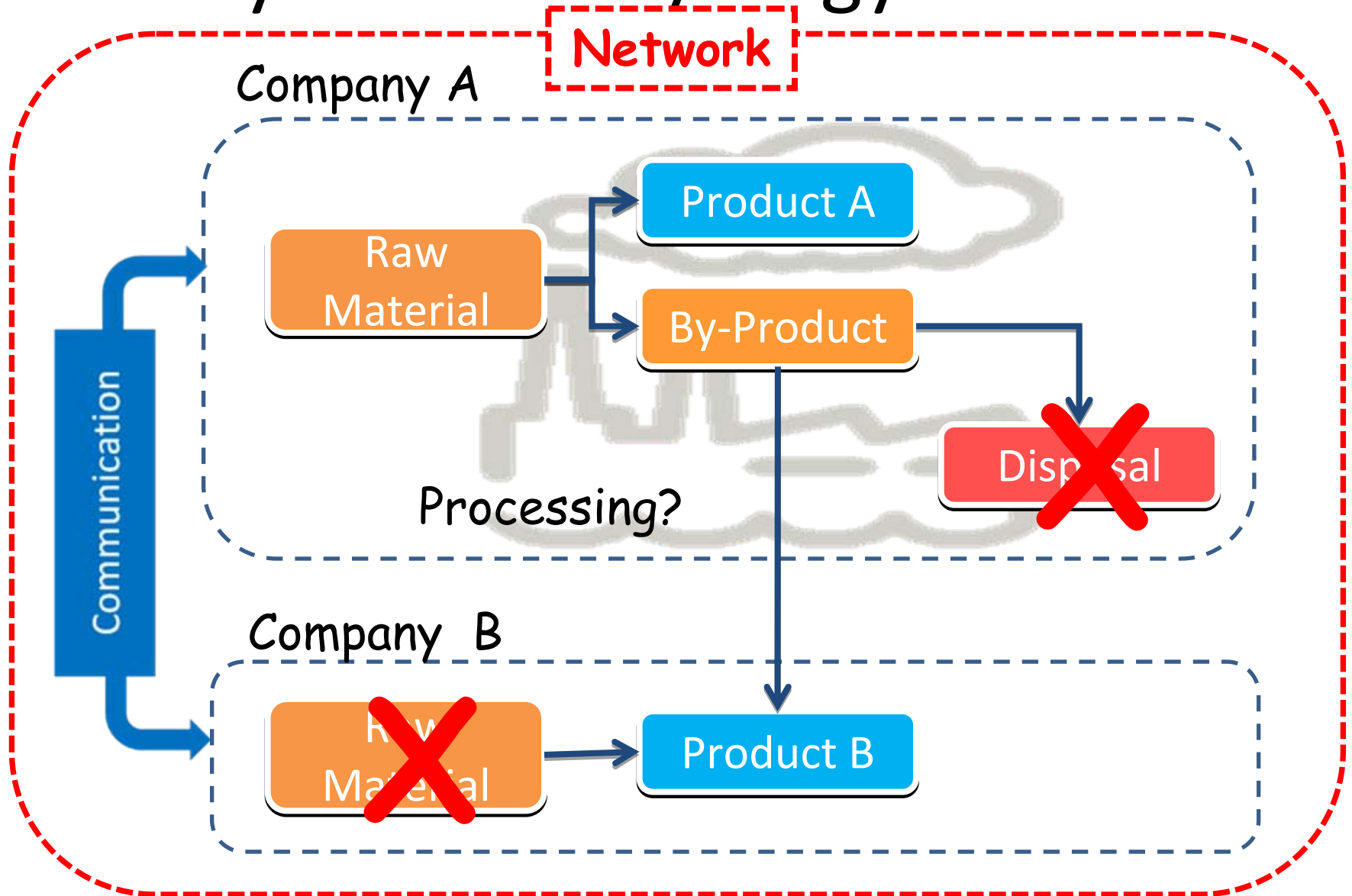
**US Businesses need clear line of sight to
revenue, product growth, cost savings
and reduced risks.**

**Society benefits when businesses think
about sustainability, innovation, and
community interaction.**



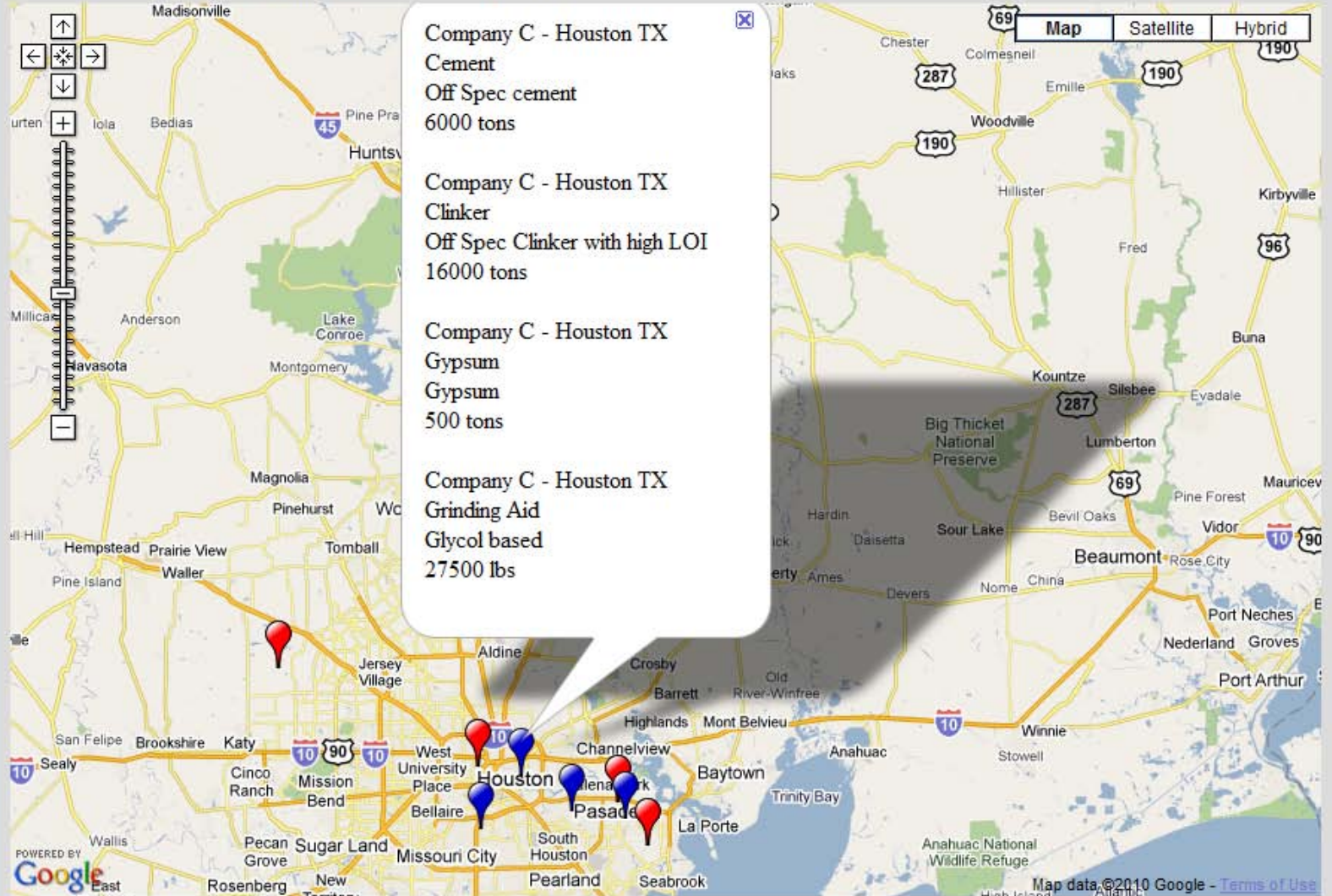
By-Product Synergy is the matching of under-valued waste, transportation, energy and other streams from one facility with potential users at another facility to create new revenues or savings, environmental and societal benefits.

By-Product Synergy Process



Materials Synergies

Resources Available Resources Needed



What is PACE ?

- PACE: Property Assessed Clean Energy
- Funds Clean Energy Projects
- Projects Paid through Property Tax Assessments
- Typical Amortization: 20 Years
- Assessments are Senior to Existing Debt
 - Same as ad valorem property taxes

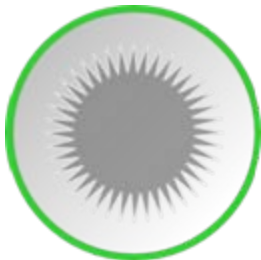
- Must be Permanently Affixed to the Property
- Assessments: Voluntary and Run with the Property
- Underwriting must Validate Investment

Eligible Improvements



Energy Efficiency

- Energy management systems
- Insulation & air sealing
- HVAC systems
- Boilers & furnaces
- Lighting
- Energy recovery & redistribution systems
- Motors & drives
- Water Conservation



Renewable Energy

- Solar PV
- Solar Thermal
- Wind Turbines
- Geothermal

Eligible Properties



Commercial

- Office Buildings
- Malls
- Restaurants



Industrial

- Factories
- Warehouses
- Server Farms

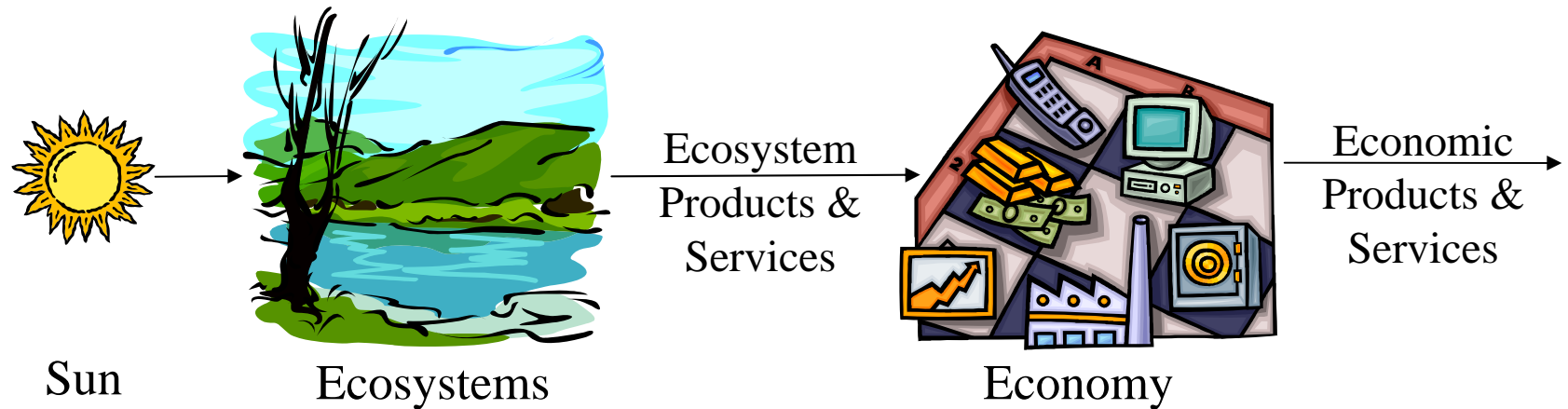


Multi Family

- Condominiums
- Apartment Complexes

Ecological Life Cycle Assessment

Eco-LCA is a framework to account for the role of ecosystems in supporting human activities



Considers ecosystem services in physical units

Provides many footprints – Carbon, Water, Nitrogen

The business relevance of *“Mainstream”* ecosystem valuation

- “Mainstream” valuation has only limited applicability to business and there is little uptake of tools and techniques by the private sector
- Minimal inclusion of companies except as passive players who must accept the liabilities, compensation requirements, charges and taxes recommended by valuation
- Emphasis on public interest and social goals excluding considerations of business interests and financial bottom-line goals

The 15 EVI road testers

