



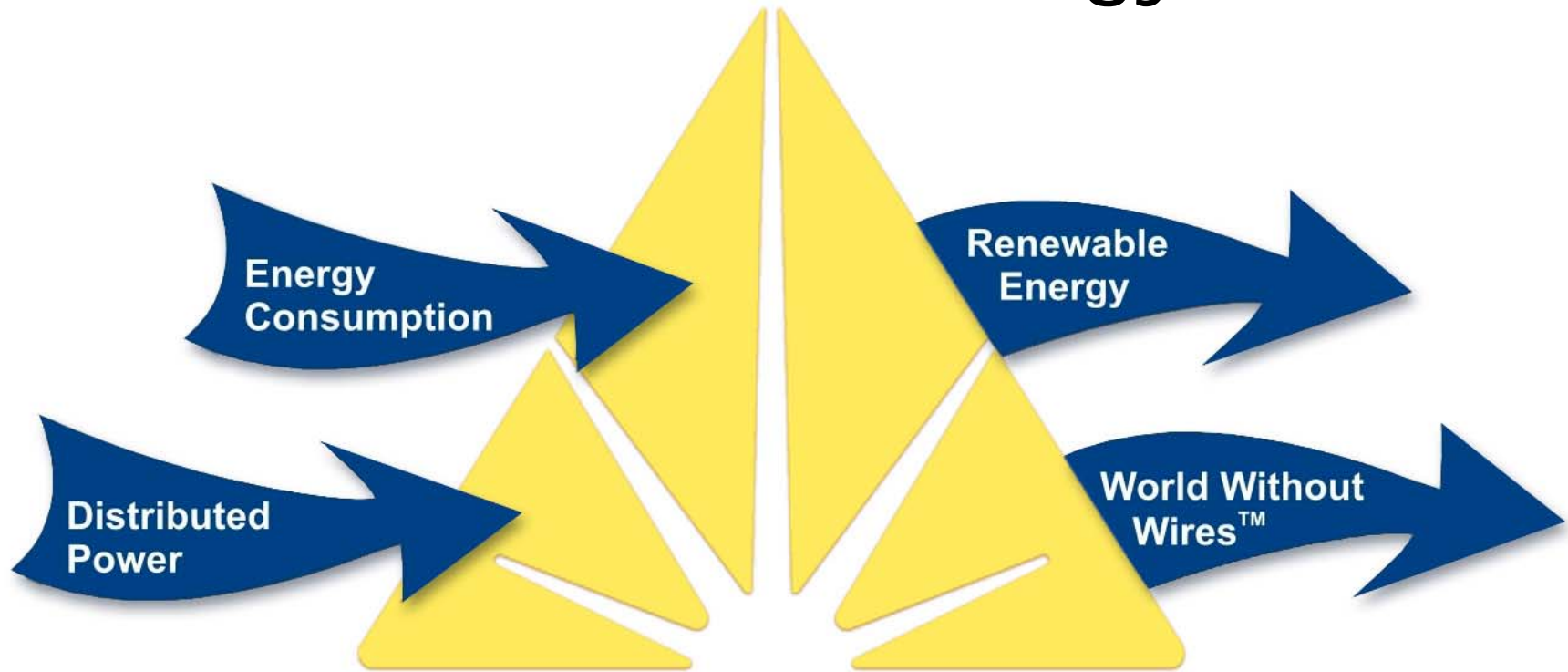
Konarka Technologies Inc.

Howard Berke

Chairman and CEO

Emerging Energy Technologies Summit
February 11, 2006

Commercial Scope Focused on Energy

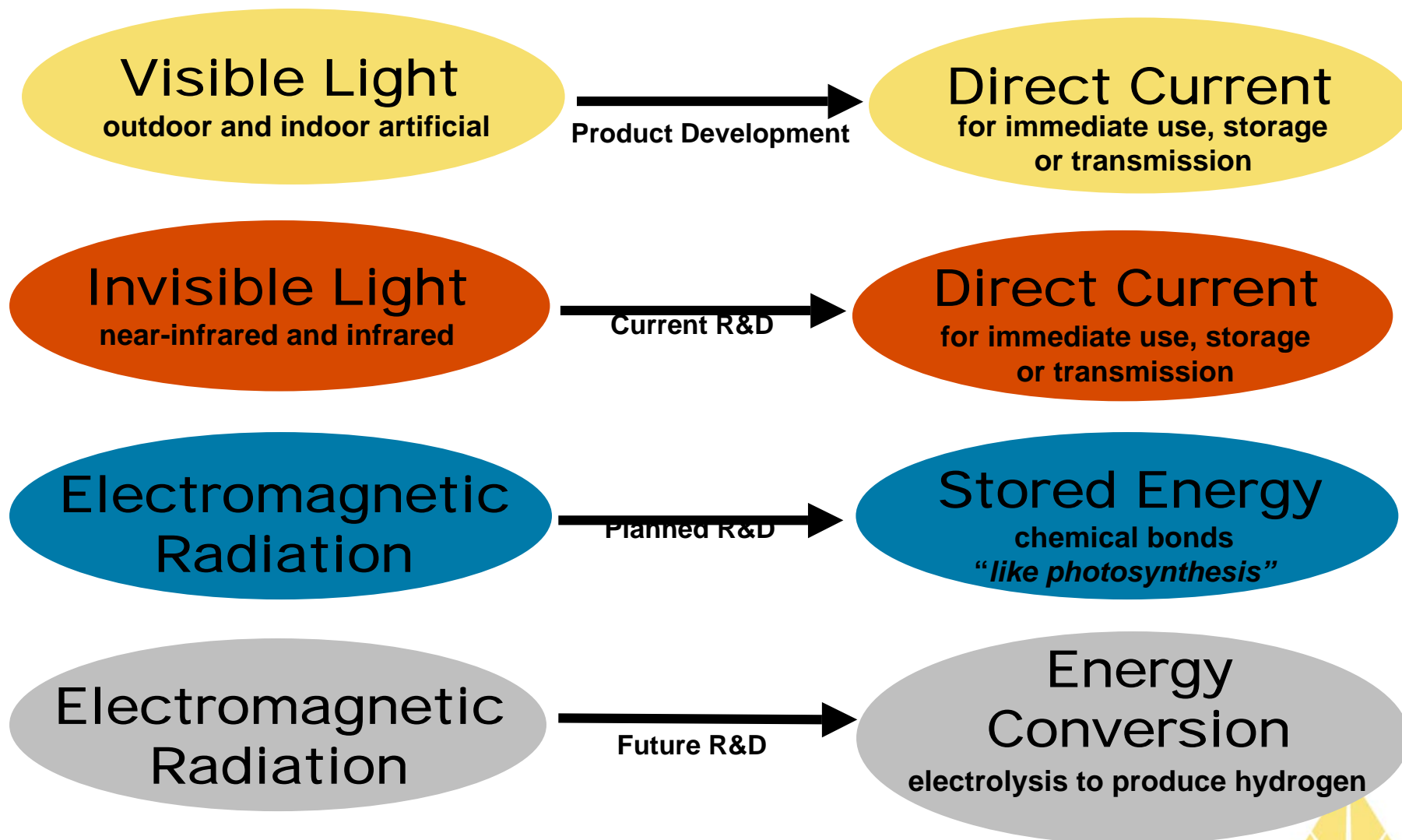


As global **energy consumption** increases and there has been a move to **distributed power**, **renewable energy** from the sun now becomes very economical and enables Konarka to power a **World Without Wires™**.



Corporate Vision

“The intersection of energy and organic chemistry.”



Konarka Technologies Inc.

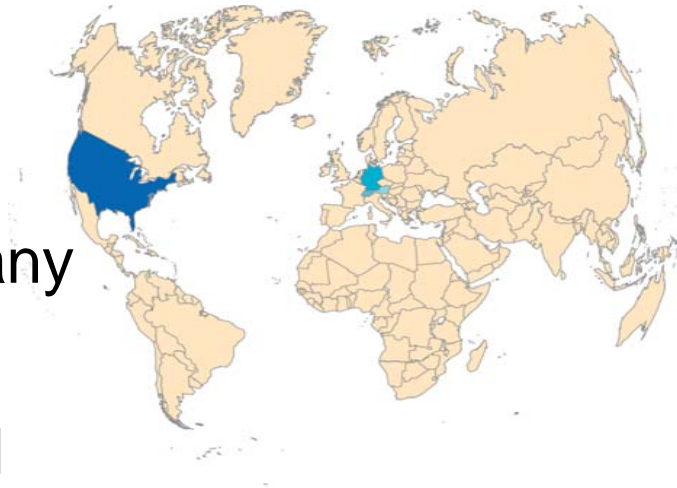
Overview

Locations: 40+ employees

Global HQ: Lowell, MA

European HQ: Nuremberg, Germany

R&D Subs: Linz, Austria
Lausanne, Switzerland



Founded 2001, spin-out of the Univ of MA and Univ of CA



Power Plastic™



**Revolutionary low-cost, lightweight,
flexible, polymer photovoltaic
materials manufactured roll-to-roll**



Prototype Organic Photovoltaic Modules

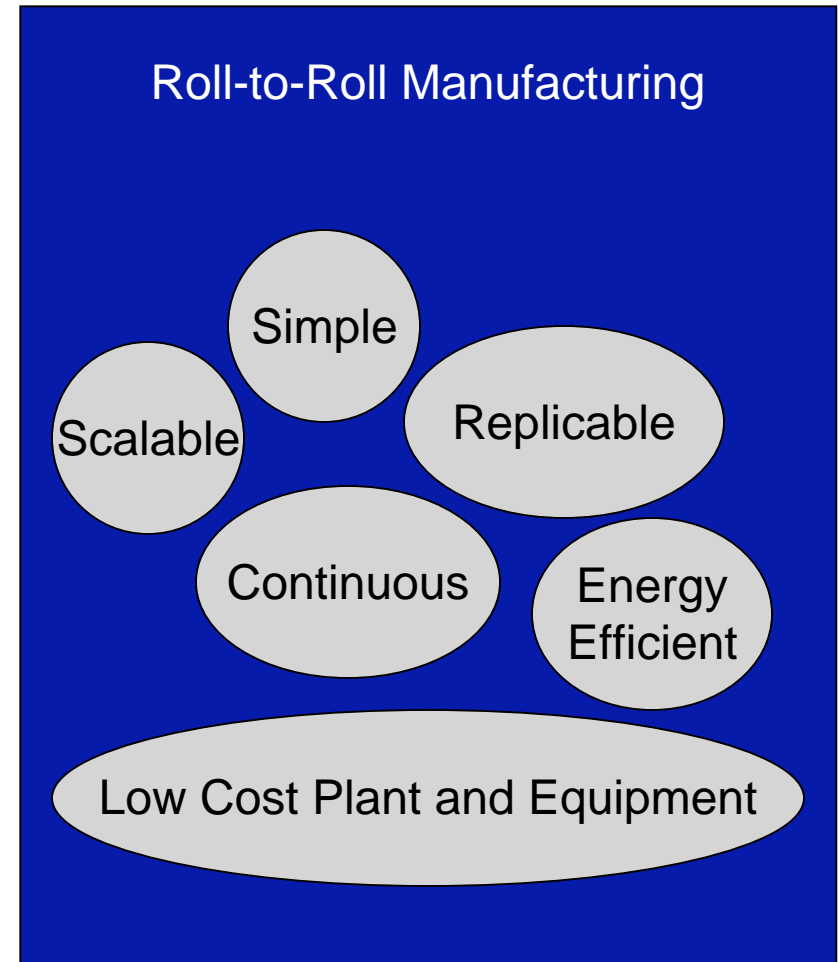


Coated



Printed

Konarka's Process Advantage



Product Applications

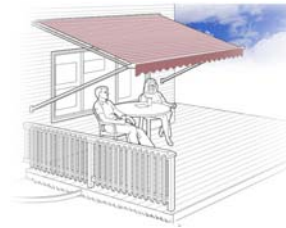
Consumer



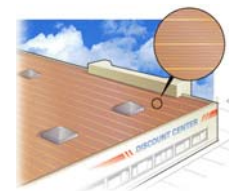
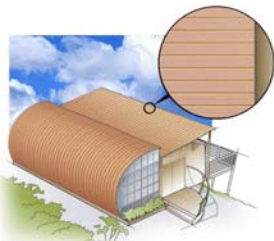
Commercial



Off Grid



On Grid



Opportunities for New Technologies

- US Federal Policy / States' initiatives, RPS, Subsidies, Incentives
- European renewables/solar stimulus programs
- Rapid rise in fossil fuel costs, wholesale/retail
 - due to Asian demand; supply interruptions
- Tel-con/Dot-com melt-down; seeking alternative
- Generalist VC funds practicing clean-tech invest
- Materials innovations/nanotech R&D activity
- Fortune 100/500 CEOs/Board refocusing growth
- Serial entrepreneurs and cross-industry teaming
- Public awareness, media, press, public policy

Current Solar Materials & Manufacturing Processes

- 99% of solar cells based on Si
 - Requires clean room atmospheres
- Other cells use Cu, In, Ga, Se, Cd, Te
 - Vapor depositions are required
- Controlled distribution and handling systems
- Rigorous safety controls and procedures
- OSHA Process Safety Management
- EPA regulations
- Significant waste disposal costs
- Downstream Electronic Take back / Reclamation

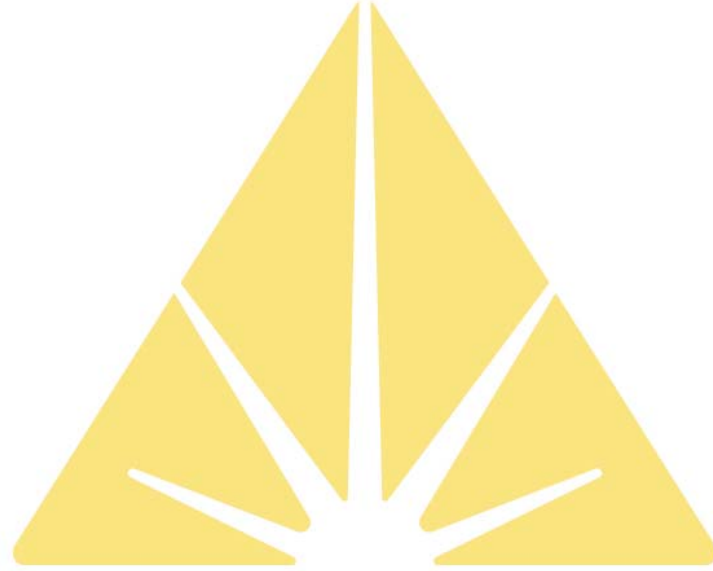
Konarka Materials & Manufacturing Process

- Based on nano-engineered, environmentally acceptable materials
- No toxic chemicals, no known carcinogens
 - All components have LD50 greater than 500mg/kg.
- Uses environmentally friendly solvents with low emissions in manufacturing
- No high processing temperatures
- Clean room atmosphere unnecessary

Executive Summary

- Paradigm shift from silicon to plastic
- Disruptive nanotechnology
- Theoretical efficiencies in excess of 30% (practical 20+%)
- Scalable roll-to-roll manufacturing printing/coating process
- Based on environmentally acceptable organic materials
- Proven business model and strategy
- Large rapidly growing global markets
- Leading global corporate partners, US, Europe & Asia (To be announced)
- Funded by tier-one VCs in US and Europe
- Proven, experienced management team
- World-class scientific team in US and Europe





Konarka[®]

Konarka builds power plastic[™] that converts light to energy - anywhere.