ΓΜ lineen Siea **Creates Opportunities Throughout the Value Chain**

Resin Suppliers

Opportunity to commercialize eco-friendly resins

New materials and biopolymers as well as existing resins not currently used in thin films

Film Converters

More Supply Choices

- Broader range of materials to choose from to meet customers' needs
- Simplified processing: no heat-sensitive sealant to be damaged

Equipment OEMs

Dramatic Performance Advantage over Current Equipment

- Better seals: dramatic leak reductions
- Faster machine start-ups: no jaws to heat up
- Provides new market and product opportunities

Consumers

Improved Product Quality and Freshness

- longer
- features

Film Suppliers

Product Differentiation

- Simplification: no need to extrude sealant
- New features in extruder formerly used for sealant
- New products: biodegradable film

CPGs

Savings, Market Access, **Quality Gains**

- Smaller seals and packages=lower costs
- More reliable operation: product in seal causes fewer defects
- Longer shelf life and higher quality from better seals

Access to wider range of products Products stay fresher

New packaging

Retailers

- on shelf

- products
- Lower costs

Freshness Lower Costs New Product Choices

EWI's advanced patented technology dramatically improves on existing ultrasonic sealing technology. The results have revolutionary implications for the packaging industry in terms of materials savings, cost savings, reduced waste, and extended shelf life.

Contact Dale Robinson at 614.688.5232 or drobinson@ewi.org

Increased Shelf Space, Flexibility in Distribution, Market Access for New Suppliers

Smaller bags: more product

Longer code date: fewer stales Better seals: enables new



