Metabolix

Bio-industrial Evolution

Jefferies 9th Global Clean Technology Conference

New York, NY

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Rick Eno, CEO

Joe Hill, CFO

Safe Harbor Statement*

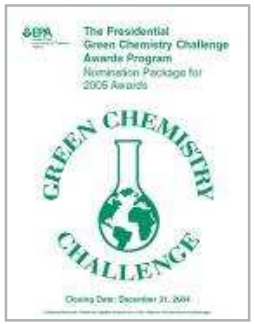
Our presentation includes, and our response to various questions may include, forward-looking statements about the Company's revenues and earnings and about our future plans and objectives. Any such statements are subject to risks and uncertainties that could cause the actual results and the implementation of the Company's plans and operations to vary materially. These risks are discussed in the Company's filings with the S.E.C., including, without limitation, our Form 10-K filed March 11, 2010.

***Under the Private Securities Litigation Reform Act of 1995**

Metabolix Vision

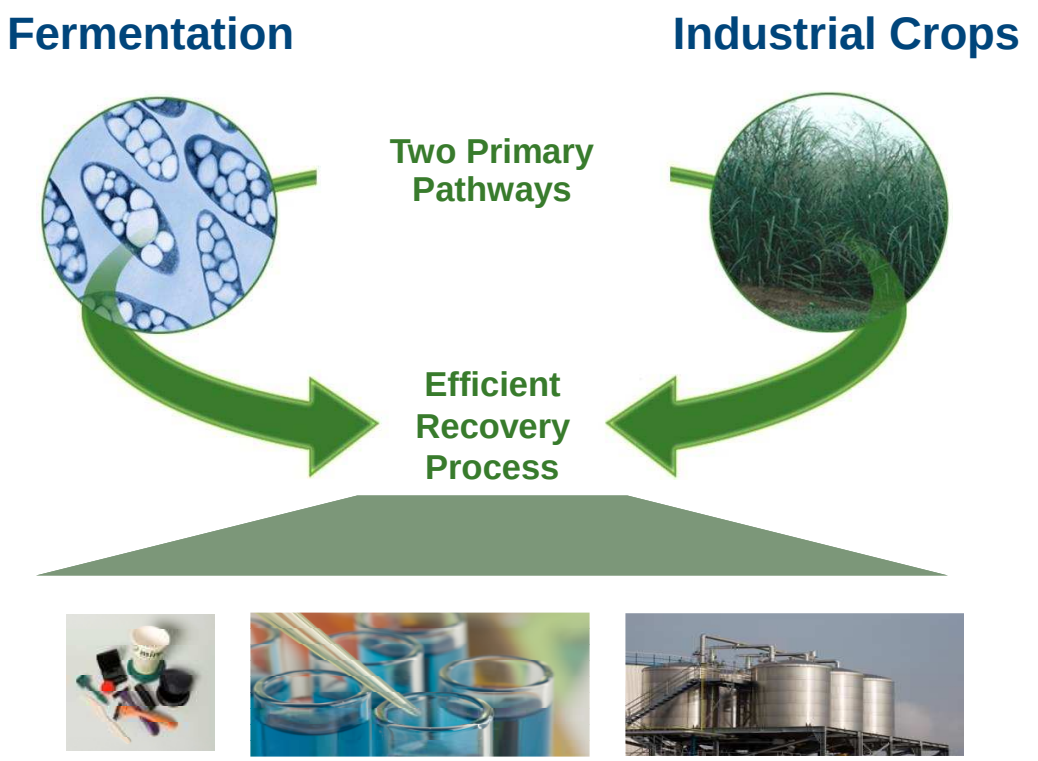
Bio-Industrial Evolution

Through bioscience and engineering, we bring clean, sustainable, and economically viable solutions to the world in plastics, chemicals, and energy



Our Core Capabilities

- Metabolic Engineering
- Multi-gene Expression
- Analytical Expertise
- Process Engineering
- Over 500 Patents Issued and Pending



Strong integrated technical and operational expertise is at the core of our success

A Recognized Industrial Biotechnology Leader

Metabolix at a Glance

TODAY

TOMORROW

Plastics (50 / 50 J.V.)

Metabolix Bio-Industrial Evolution™ → Telles ← ADM

- **Proprietary fermentation system to produce biodegradable PHA plastics - "Mirel"**
- **Telles J.V. funded by ADM**
- **Metabolix licensed the critical IP**
- **Metabolix shares equally in the economics once ADM recoups capital investment and any negative cash flow**

Robust Bio-Industrial Portfolio

Telles | **Industrial Chemicals** | **Crops**

- **Robust biotechnology portfolio**
- **Substantially enhanced production economics**
- **Numerous commercialization options**

Mirel – Versatile Family of Bioplastics

Superior to petroleum plastics

- Reduces petroleum dependence
- Biodegradable
- Enables new applications

Superior to other bioplastics

- Vincotte certified biodegradability
- Moisture resistant
- Thermal stability
- Ease of processing
- Rigid to flexible

Broad commercial applicability

- Processed with existing plastics conversion equipment
- Wide range of processing technologies (sheet, film, injection molding) and vertical market applications

mirel™
Bioplastics by Telles

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Enabling Entirely New Products and Markets

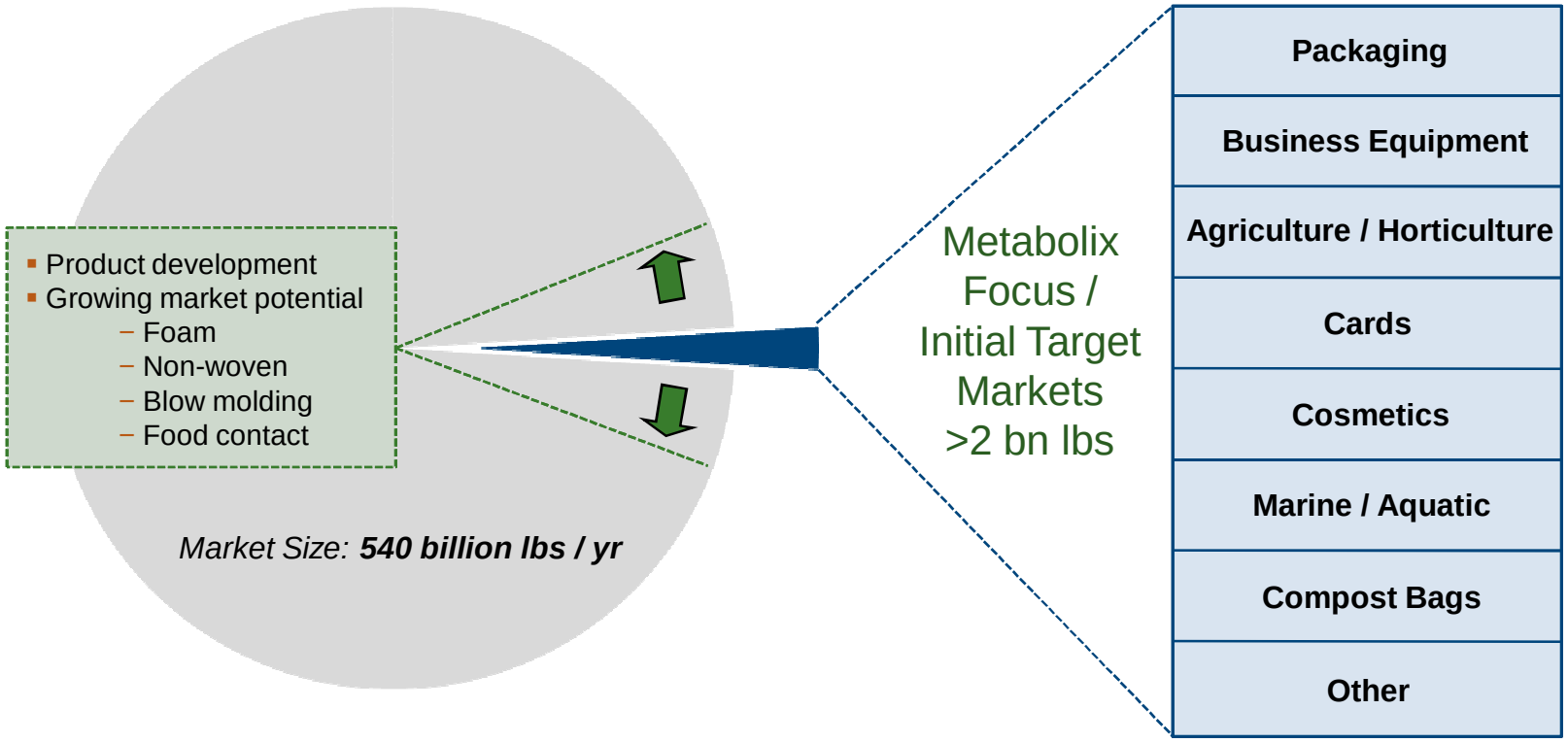
Mirel solves unmet needs and enables:

- Mulch film that biodegrades in the field
- Biodegradable planters and plant clips
- Bags suitable for home composting
- Numerous shoreline restoration applications
- Reduction of coastal litter
- New bio-based product lines offering high performance (e.g., cosmetics, pens, business equipment)
- New end-of-life scenarios for consumer and business products (e.g., composting, anaerobic digestion)
- ….And others

ASP's:
$2.25 – 2.75 / lb

Mirel Addressable Market is Huge

Global Plastics Market, 2008



Source: PlasticsEurope Association.

First Facility Now Operational

Initial facility (Clinton 1)

- 30 Acres, 110 million lbs / year design capacity ($275 MM revenue potential)
- Adjacent to ADM corn wet mill - Integrated economics
- $300+ MM capital investment
- Operations began in December 2009

Room for expansion

- 4x capacity expansion potential
- $1+ bn revenue potential
- Future expansions at reduced costs per pound
- Rapid deployment and continued advancement of MBLX Mirel technology

Clinton 1 Commercial Manufacturing Facility

Clinton, Iowa
July 2009

Co-Branding Case Study: Paper Mate

- Valuable co-branding opportunities with customers
- Enables creation of Mirel Brand Value
- “Win-Win”

www.papermategreen.com

The Next Business Platforms

Metabolix Platforms

Future

	Industrial Chemicals	Crops
Technology Platform		
Technical Pathway	▪ Fermentation	▪ Crops (Oil Seeds, Switchgrass, Sugar Cane)
Products	▪ Industrial chemicals based on renewable feeds; Initially C4 Chemicals	▪ Bioplastics, Energy Products
Status	▪ Technical Foundation complete; Business economics robust at $60-70 / barrel oil	▪ Successful proof-of-concept; Initial field trial completed
Critical Next Steps	▪ Process Development ▪ Scale-Up and Commercial Design (new pilot facility) ▪ Commercial Development and Partnering	▪ Commercial Crop Targets to Field Trials ▪ Design and Testing of Recovery Facilities

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Industrial Chemicals Platform

Fermentation Pathway
Produce industrial chemicals through biological conversion of sustainable feedstocks

Broad Range of Opportunities

- Metabolix technologies can potentially address broad array of industrial chemicals (C2, C3, C4, C5, others)
- Initial priority: C4 Chemicals market ($2.5 Bn market size)
  - Technical success based on $2 million Department of Commerce Grant
  - Strong economics at ≥$60/bbl crude oil price
  - Entry Target: $800 million addressable market for specialty C4 products
  - Partner discussions and scale-up proceeding
- Strategy built around Metabolix core bioscience capabilities

Crop Platform

- Genetically modify crops to produce plastics directly in non-food crops
- Low cost pathway to plastics and fuels / numerous commercialization options
- Expect commercially viable crops in field trials within 2 years
- Reported first successful crop field trial in tobacco, October 2009

Biomass

- Switchgrass / Sugarcane
- High density energy crops; very favorable carbon footprint
- Proof-of-concept bioplastic content level already achieved at 3.5-3.7% in leaves (commercial target ~7.5% in plant)
- Residual biomass to fuels or electricity
- Research collaboration with Australian research center for the production of plastics from sugarcane

Oilseeds

- Co-production of bioplastics along with vegetable oils and meal
- Leverage existing infrastructure
- Co-products targeted in non-food applications such as biodiesel fuel or oleochemicals
- Research collaboration with the Donald Danforth Plant Science Center, St. Louis, Missouri

Enabling the Integrated Biorefinery

Biomass Model

Switchgrass
7.5% PHA

Integrated
Biorefinery

Elimination of Capital-Intensive Operations

(Alternative)

Biomass for
Electricity

Annual Revenue Potential

Biofuel

45 MM gal

$90 MM

Polymer

100 MM lb

$250 MM

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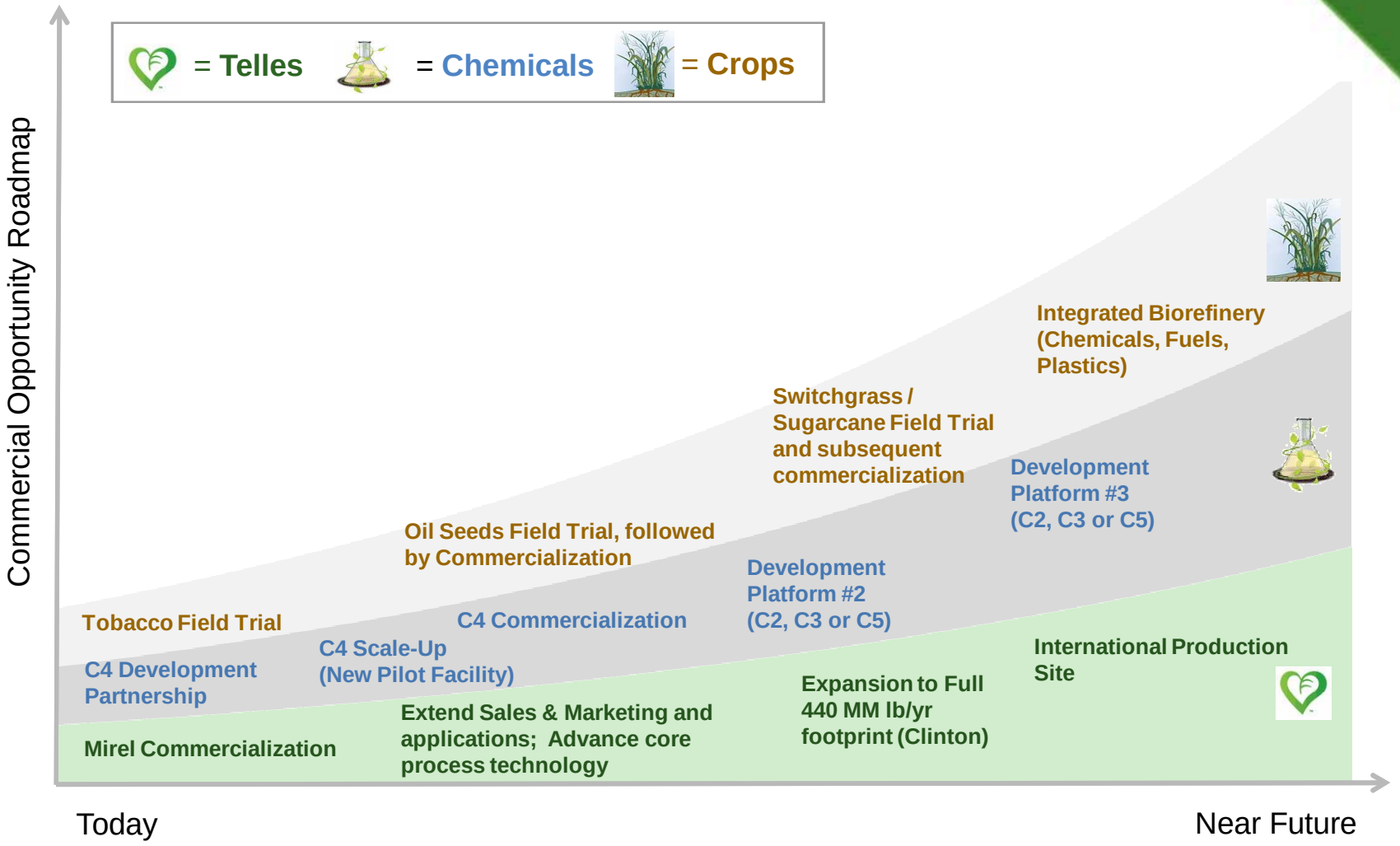
A Robust and Diversified Growth Portfolio – Aligned with Market Trends



Metabolix Summary

- Multiple platforms addressing large markets
- Leader in biobased, biodegradable plastics
- Near-term Inflection Points – Mirel commercialization; accelerating pipeline
- Growing market driven by consumer awareness and public policy
- Established partnerships with leading industry players
- Solid science platform & IP (500 patents and applications)
- Clear business strategy & experienced management
- Strong financial position