Safe Harbor Statement*

Our presentation includes, and our response to various questions may include, forward-looking statements about the Company’s 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-Q filed November 7, 2012 and Form 10-K filed March 12, 2012.

*Under the Private Securities Litigation Reform Act of 1995
Topics

Perspectives on the launch of biomaterials:

• “New” Products
• “Drop-In” Products
• Adapting Plans to Circumstances
Launching Bio-Based Materials

- Never been done before
- Technology on the edge
- Great spectator sport
- Preparation enables the first BIG step
- High risk
- High return potential!

Source: Felix Baumgartner, Red Bull Stratos. Jumping from 24 miles above the earth
Bio-Industrial Evolution

Through bioscience and engineering, we bring clean, sustainable, and economically viable solutions to the world in plastics, chemicals, and energy.
PHAs: Nature’s Versatile Family of Storage Materials

Fermentation

Two Primary Pathways

Efficient Recovery Process

Industrial Crops

High Valued, High Growth Targets
- Biopolymers
- Bio-Based Chemicals
- Advanced Crop Technology
Mirel™ Biopolymer Historical Perspective
ADM Termination triggers Rethink and Relaunch

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2006</td>
<td>Commercial Alliance with ADM for Biopolymers</td>
</tr>
<tr>
<td>December 2010</td>
<td>ADM Clinton Plant Start Up</td>
</tr>
<tr>
<td>January 2012</td>
<td>ADM Terminates Relationship; Retains Manufacturing Plant</td>
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</tbody>
</table>

Now What???
A Commitment to PHA Biopolymers

- Successfully started plant in 2010 – operated for two years by ADM
- Produced targeted range of PHA grades with very high quality
- Highly differentiated technology and product offering. High growth market (20% p.a.) largely decoupled from oil and sugar price fluctuations
- Demonstrated market acceptance and value proposition with >50 customers
- Manufacturing improvements (strains, recovery) identified for implementation
- Attractive segments identified; initial focus on performance applications

Decision to Launch as Metabolix
## Change the Business Model / Rescale

<table>
<thead>
<tr>
<th></th>
<th>Previous</th>
<th>Now</th>
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</thead>
<tbody>
<tr>
<td>Customers / Markets</td>
<td>Broad-based Approach</td>
<td>Value over Volume</td>
</tr>
<tr>
<td>Initial Scale (Expandable)</td>
<td>50KTPA</td>
<td>~10KTPA</td>
</tr>
<tr>
<td>Capital</td>
<td>&gt;$3.00/lb</td>
<td>$0.50/lb</td>
</tr>
<tr>
<td>Partners</td>
<td>Exclusive to ADM Globally</td>
<td>Wide Open</td>
</tr>
<tr>
<td>Technology Base</td>
<td>2006</td>
<td>2012 – lower capital, improved yields, experience at scale across the entire value delivery chain</td>
</tr>
<tr>
<td>Value Chain</td>
<td>Manufacturing Separate from Commercial</td>
<td>Now Able to Integrate</td>
</tr>
<tr>
<td>Chemicals Integration</td>
<td>Plastics Separate from Chemicals</td>
<td>Now Able to Integrate</td>
</tr>
</tbody>
</table>
Align Market Targets with Situation

Metabolix Strategy: Focus on Value

Initial Application Targets
- Established markets
- Where existing MBLX products add value
- Profitability without a Green Premium
- Many further opportunities as technology matures

<table>
<thead>
<tr>
<th>Price ($/lb)</th>
<th>Volume (lbs)</th>
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<tbody>
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</table>

Initial MBLX Targets

Future MBLX Growth

Typical Polymers

Telles
Manage Customer Pipeline

<table>
<thead>
<tr>
<th>Potential Opportunities</th>
<th>Core Prospects</th>
<th>Base Opportunities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Historical and New</td>
<td>Rigorous Qualification Process</td>
<td>Films (Compostable bags, Barrier Films, Protective Wrap, Ag Films, High Strength Films)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Performance Additives (Impact Modification, Plasticization, Thermal Performance)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Functional Biodegradation (Marine degradation, Anaerobic digestion, Soil degradation)</td>
</tr>
</tbody>
</table>

- Typical customer development cycle: 9-15 months
- Key Steps include: product qualification, supply chain development, market testing, product placement.
- Customer prioritization is key lever to compress cycle
Andolfi & C.
A New Line of Compostable Bags

- **Innovation:** Bag to meet growing market demand in Italy
- **Unique attributes:** Compostable bags made with Mvera film
- **Launch:** Spring 2012

www.andolfi.it
Ball Horticultural
US Product Launch in 20 States

- **Innovation:** Soilwrap made with Mirel film
- **Unique attributes:** Replaces plastic plant pot with biodegradable film to allow pot to be placed directly in the soil
- **Launch:** Spring 2012 at Home Depot, Lowes, and Shopko in 20 states

www.BallHort.com
Zoë b Organic
Sold Through Pottery Barn Kids

- **Innovation:** “Fantastic anti-plastic beach toys”
- **Unique attributes:** Biobased, biodegradable kids toys made with Mirel - aligned with brand mission and vision
- **Launch:** Spring 2012 at Pottery Barn Kids retail stores and catalog

www.zoebtoys.com
Turnaround in 2012 – Biopolymers Launch

- **Secure Ability to Operate**: Wound down ADM venture. Acquired Inventory, Trademarks, Pilot Plant; Secured IP

- **Establish New Manufacturing**: Screened 10 opportunities, selected Antibioticos as manufacturing partner, agreed Demo Phase contract

- **Enable Business Infrastructure**: Set Up Supply Chains, Inventory Management; Recorded Initial Sales

- **Grow the Business**: Delivered steady quarter over quarter growth (+85% for Q3 over Q2), built initial customer base

- **Accelerate Innovation**: Launched two new products: B5008 – Compostable Film, I6001 – PVC Modifier. Reduced process costs.
Well Defined Plan for 2013

- **Start-Up Manufacturing:** Successful Demo Phase, Commercial Contract and Production

- **Deliver Commercial Results:** Grow Customer Base and Sales

- **Continue to Innovate:** Deliver on Product Innovations, Continue to Reduce Underlying Costs

- **Demonstrate Value Proposition:** Demonstrate path to compelling business economics – ASP, Margins, Market Potential
Industrial Chemicals
“Drop-In” Products Require Cost Competitiveness with Incumbents

Fermentation Pathway
Produce industrial chemicals through biological conversion of sustainable feedstocks

Broad Range of Opportunities

- Metabolix PHA fermentation technology can address growing demand for renewable chemicals
- Initial Metabolix targets: “C4” and “C3” Chemicals. Uses in:
  - Paints / Coatings
  - Diapers
  - Personal Care Products
  - Engineering Plastics
  - Others
- Differentiated FAST technology to address multiple chemical families from same asset
Metabolix FAST Process
Productive PHA Fermentation + Efficient Recovery Process

Metabolix FAST Process for Industrial Chemicals

Utilities

Residual biomass (fuel use)

Sugars

PHA Fermentation

Thermolysis

Separation

Industrial chemicals products (C3, C4)

Differentiation

- Elegant process based on Metabolix core PHA and fermentation strengths
- High yield and productivity; low capital; potential to repurpose existing assets
- Same platform used for range of products – accelerate commercialization
Upcoming Bio-Based Chemical Milestones
Transition from Technology Development to Commercial Activity

- Established Foundation IP for Industrial Chemicals
- Produced C4 Chemicals Samples; Received Positive Customer Feedback
- Produced C3 Chemicals Samples; Currently in Market Testing
- Scale C4 Chemicals fermentation up to 60,000L
- Produce Tonnage Samples of C4 Product
- Define Preferred Partner(s); Active discussions ongoing
- Establish Commercial Relationships
Observations

- Appropriate Business Scale
- Value Over Volume
- Maintain Optionality
- Customer Pipeline Management
- Enjoy the Ride – Safe Landing!
Molecules to Markets Symposium

Bio-Based Chemicals Summit
January 28, 2013

Rick Eno, CEO

www.metabolix.com
@MetabolixInc