EcoSynthetix Inc.
## WHO WE ARE

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Enhancing Nature’s Best</td>
<td>Adding functionality - tailored to overcome the challenges of fossil fuel based materials</td>
</tr>
<tr>
<td>Viable and practical</td>
<td>Compatible with incumbent technologies, economically positive</td>
</tr>
<tr>
<td>Global Reach</td>
<td>Manufacturing, distribution, customer support in over 20 countries</td>
</tr>
<tr>
<td>Experienced Team</td>
<td>Global and local experienced industry team</td>
</tr>
</tbody>
</table>
### HOW WE DO IT

<table>
<thead>
<tr>
<th>Sustainable Feedstocks + Chemicals</th>
<th>Proprietary Continuous Manufacturing Process</th>
<th>Engineered Biopolymer</th>
<th>Engineered Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patented Formula</td>
<td>Patented Process</td>
<td>Patented Process</td>
<td>Proprietary Engineering</td>
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</table>
WHAT WE DO

**EcoSphere™**

Bio-based alternative to petroleum-based latex coatings in the paper market

>150M lbs

EcoSphere sold to-date

- Economic
- Performance
- Sustainability

Commercial relationships with many of the industry’s largest manufacturers

**DuraBind™**

Bio-based binder with no-added formaldehyde for building materials

Commercially available today

>100M sqft of wood composite boards produced using DuraBind to date

- Health and ecological
- Performance
- Economic

Commercially available with continued advanced-stage industrial trials with industry leaders
We’re all surrounded by wood composites
We’re all surrounded by formaldehyde
DURABIND:
NO ADDED FORMALDEHYDE …NO PROBLEM!

OBJECTIVE: TRANSFORM THE WOOD COMPOSITE RESIN MARKET WITH OUR PROPRIETARY, SUSTAINABLE NAF SOLUTIONS
MEETING THE STANDARD:
INDUSTRIAL STRENGTH

Bond Strength

IB test – ON SPEC

Flex Strength

MoR test – ON SPEC

BOARDS MEET SPEC IN INDUSTRIAL APPLICATIONS
DURABIND VALUE PROPOSITION WILL ENABLE BROAD ADOPTION

PERFORMANCE

LONGER PRODUCTION UP-TIME
Reduced blow-line blockage

LOWER PRODUCTION COSTS
Longer tool life
Lower use of costly processing aids

LESS WASTE
Larger processing window

VALUE

BETTER QUALITY, HIGHER VALUE BOARDS
Market share & margin for our customers
DRAMATIC REDUCTION IN LINE BUILD-UP

DURABIND™ BENEFITS – IMPROVED PRODUCTIVITY WITH LESS DOWNTIME
DURABIND™ BENEFITS – DELIVERS CUSTOMER VALUE THROUGH EASIER MACHINING

COST SAVINGS: LOWER ENERGY CONSUMPTION AND PROLONGED TOOL LIFE

Amps Chart

pMDI: high amperage required to cut

DuraBind: reduced amperage required to cut
DURABIND™ BENEFITS – WASTE REDUCTION

Lab Analysis Reaction in wood at 60°C

90% extension in usable window

Discarding fibre & resin

Industrial Trial Results: Increased pot life up to 120 minutes

DURABIND™ BENEFITS – WASTE REDUCTION

+ OTHER WASTE REDUCTION OPPORTUNITIES
DURABIND™ BENEFITS – IMPROVED WASTE WATER MANAGEMENT

Waste water from MDF refiner process

Waster water recycled on site to disperse DuraBind

Disposal Cost
up to $20,000 per week

$0 per week

+ OTHER WASTE REDUCTION OPPORTUNITIES
DURABIND™ BENEFITS – REDUCED BOARD-TO-PRESS STICKING

up to 25%

reduction in release agent

LOWER RELEASE AGENT COSTS
FIRST COMMERCIAL LINE SECURED

SWISS KRONO
A COMPELLING VALUE PROPOSITION

Performance

Sustainability

Economics

Global Delivery

Bio-based Solutions

Engage Thought Leaders
POSITIONED TO BECOME LEADING NO ADDED FORMALDEHYDE SOLUTIONS COMPANY

Passion for green chemistry

>20 global patent families

~50 experienced team members

>150M lbs EcoSphere sold to-date

235M lbs production capacity