Renewable Bioproducts

March 11, 2015
Fun Facts

• 1.9BB hrs ago dinosaurs roamed the earth
• 1.9BB mins ago Pharaohs ruled in Egypt
• 1.9BB seconds ago Elvis was king
• 1.9BB Coca-Cola transactions ago was YESTERDAY
Innovation

https://www.youtube.com/v/UZ3iLo9RrSg
ETA Focus on Outside of KO System to Search and Connect External Technologies to Meet Internal Technical Challenges
ETA leverage external technologies in the areas across whole KO value chain.
ETA has established KO internal network to assess, apply and implement external technologies.
Entrepreneurs

Examples of Startup Collaborations

- Lumense
- Soneter
- Merlin Mobility/CN2
Nano Contaminate Sensor

Key Attribute: Nano CO2 Gas and liquid contaminate detection


TCCC Benefit: Real time data, Cost Reduction and Quality

Teledyne CDQC System
- Current
  - $250,000/Unit
  - Large
  - Batch off-line analysis

Lumense Sensor Platform
- Lumense
  - $25,000/Unit
  - Small
  - On-line real time monitor
Non-Invasive Ultrasonic Water & Gas Metering Technology

Key Attribute:
- Non-Invasive Ultrasonic Water Flow Meter
- Wireless remote monitoring

TCCC Potential Application:
- Liquids & gas consumption and conservation analysis
- Real-time usage analytics and historical use tracking

Current
- Invasive (cut pipe)
- Or Non Invasive at $6000 - $8000/unit

Soneter
- Non-invasive
- $100 - $200/unit
- Real time data on iPhone
- 0.007 – 25 gpm flow rate
Augmented Reality Exploration

New Consumer Conversations

- CDN
- Global Connection
- Social Enterprise

Precision Messaging

- CDN
- Global Connection
- Social Enterprise

Interactive Packaging

Cashless Purchase

Immersive Consumer Experiences

Bottling & Automation

- Design Machine
- Consumer Network Experience

Line Data Visualization

Training & Service

Mermil Mobility/ CN2

Grow + Protect + Sustain