

Innovators in **WASTE to ENERGY** Your **Liability to Profitability SOLUTION**

Confidential v1a. January, 2017

“Contributing to the economic and social benefits of our planet.”

the **NEW ECONOMY**
AWARDS
2014
CLEAN TECH

Winner
Best Biofuels and Biochemicals
Solution



Chancellor of International Business Development

- ▶ Mr. Dr. Charles Ong, Saerang graciously accepts the title of Chancellor with Greenbelt Resources Company - Indonesia
- ▶ Directly spearheads the pollution problem affecting the Republic of Indonesia by leveraging Greenbelt Resources innovative Waste to Energy Solutions
- ▶ Chancellor Ong, Saerang believes the people, businesses, industries and the government will agree that turning waste into profitable, renewable resources is the perfect way to address pollution in the air, land, rivers and water supply.
- ▶ Chancellor Ong, Saerang is committed to making the Republic of Indonesia the homeland it deserves to be.
- ▶ Mr. Richard Lim will also join Chancellor Ong, Saerang as his Director of International Business Development.
- ▶ Greenbelt Resources is a publically traded company OTC: GRCO



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Darren Eng

President & CEO



Environmentalist &
Entrepreneur

Born: Salem, Massachusetts
Lives: Los Angeles,
California

Education: Yale University
Degree: Bachelor of Science
Focus: Environmental
Biology

Chairman: GreenLAVA SIG
Los Angeles Venture
Association

Greenbelt Resources Co.

OTC Markets: GRCO

- ▶ Converts Waste to Renewable Resources
- ▶ Publically Traded, USA Corporation
- ▶ 2014 CLEAN TECH Award Winner
- ▶ Sustainable, Circular Economy, LIABILITY to PROFITABILITY solution
- ▶ Invited to Indonesia by the Ministry of Environment and Forestry

THE
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GREENBELT
RESOURCES CORPORATION

Michael Nakamura

Board Member



Environmentalist &
Entrepreneur

Born: Los Angeles
Lives: Los Angeles, California

Consultant: IBM and Deloitte

President: DOCNAK F.I.S.

Greenbelt effectively Extracts the Maximum Value from waste.



- FUEL
- FEED
- FERTILIZER
- WATER



WASTE TO PLANT TO ENERGY / RESOURCE

“Turning Waste into Profit”

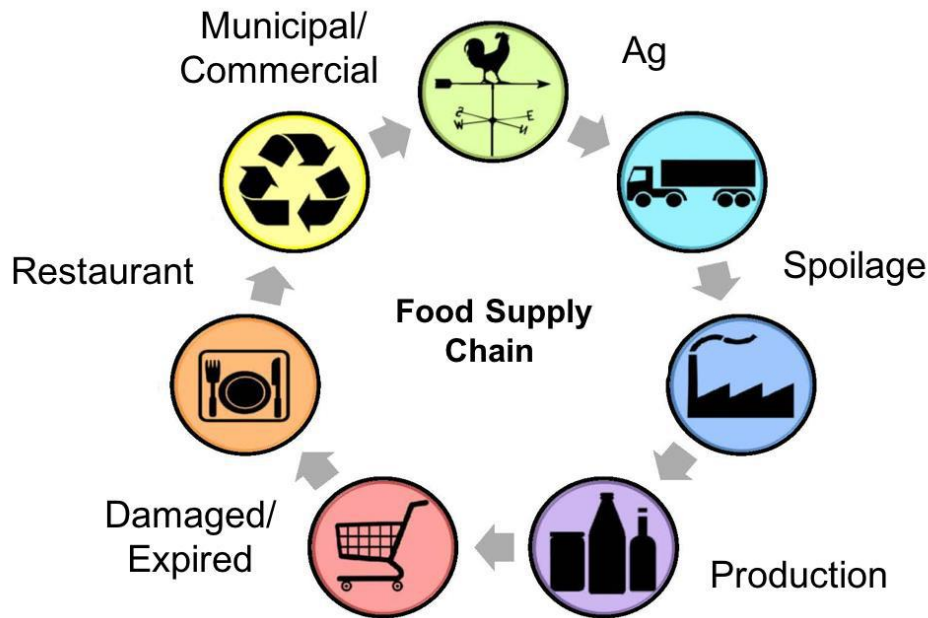
Our World of Waste



- ▶ We grow and manufacture food products.
- ▶ Waste is an operational cost burden.
- ▶ The waste we create is disposed of eventually creates a pollution problem for the land, air and water.
- ▶ Waste is our pollution liability.

Our World of Waste

FACT: Food waste occurs at every phase of the supply chain



FOOD LOSS AND WASTE FACTS

every year around the globe

1.3 BILLION TONNES OF

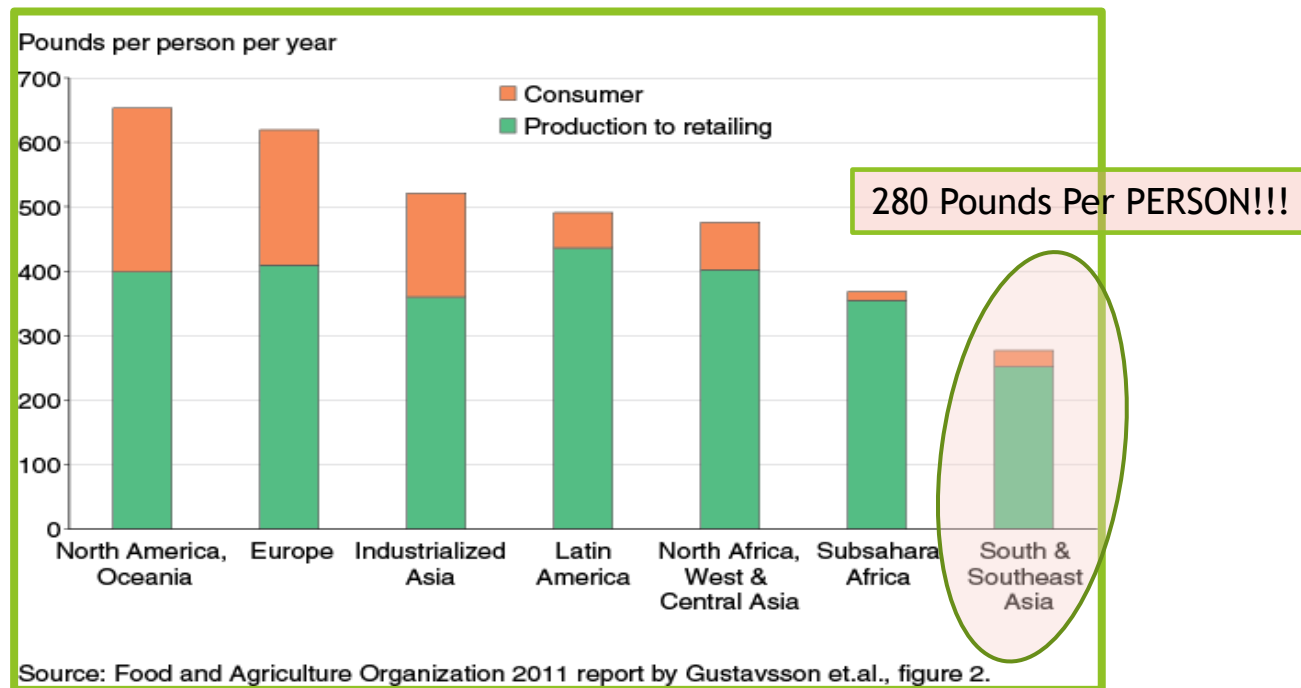
FOOD

is
lost or wasted

that is
1/3 OF ALL FOOD
PRODUCED FOR
HUMAN CONSUMPTION

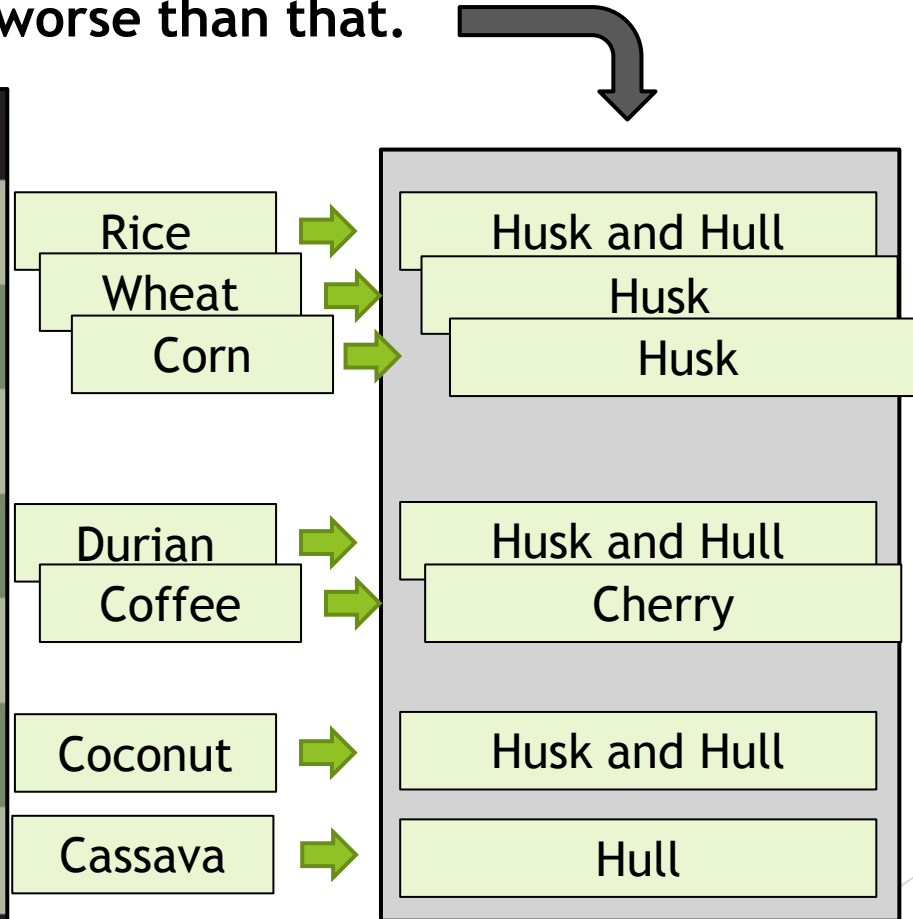
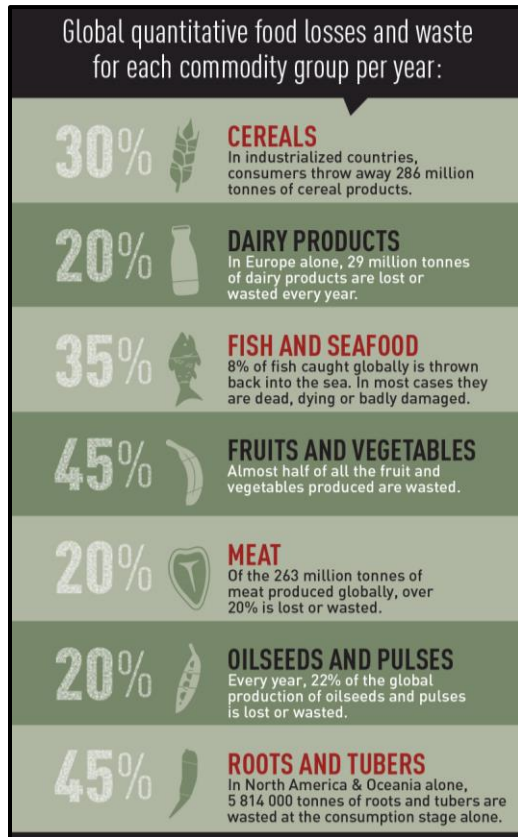
“Incurable problem.”

Greenbelt recognizes the food waste problem - AROUND THE WORLD



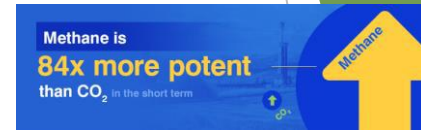
Our World of Waste

FACT: It's actually worse than that.



GREENHOUSE: Compost and Methane

- ▶ Compost allows food waste to rot and release METHANE
- ▶ In Small scale Compost can be a good thing
- ▶ In Large Scale Compost is a PROBLEM
- ▶ METHANE is 84x **WORSE** than CO₂ as a GREENHOUSE GAS



- ▶ METHANE can be CAPTURED and REUSED

PREVENT COMPOST

Indonesia is not immune



“Greenbelt can help address this.”

Opportunity for Indonesia

“THINK OF WASTE AS A RESOURCE”



Greenbelt is the Liability to Profitability Opportunity

The ZERO Waste Vision

- ▶ Convert the Unlimited Resource
- ▶ Extract the maximum value from waste
- ▶ Waste can be 100% repurposed and reused
- ▶ Waste can be converted into renewable:



- ▶ FUEL
- ▶ FEED
- ▶ FERTILIZER
- ▶ WATER



- ▶ Building Materials
- ▶ Electricity
- ▶ Filtration*

Global Award Winning Partnerships

Zero Waste Options

► Convert Fiber to Building Materials



► Convert to Pellet to Electricity



Proven Technology

Company Owned System
Paso Robles, CA



Beer / Beverage / Food

Customer Installation
University of Florida



Agriculture

Customer Installation
Coleambaly, NSW Australia



Wheat

Innovative “SCALABLE” Modular Design

The entire system ships in containers.



- Scalable
- Modular
- Customizable
- Preassembled
- Tested
- Self Monitoring



Economic and Social Benefits Study

Firestone produces nearly 50k gallons of TRUB a day. A bi-product of the beer manufacturing process; Trub is a serious Land, Air and Water pollution contaminant. The transport and waste management cost to deal with trub is high.

THE SOLUTION

Firestone provides the TRUB to Greenbelt.

We extract the ETHANOL, FEED, FERTILIZER and FILTERED WATER and resell it back into the market.





Economic and Social Benefits Study

POM produces over 50,000 tons of pomegranate husk waste during manufacturing. Another 30% of their agriculture is wasted.

THE SOLUTION

POM provides their waste to Greenbelt.

The plant converts the waste into ETHANOL, FEED, FERTIZER and FILTERED WATER.



Strategic Relationships

Vendors



Feedstock Sources

Customers



Paso Robles Wine Services



Central Coast Wine Services

Political Supporters



Greenbelt CEO
Darren Eng

USDA Secretary
Tom Vilsack



PRECO: Paso Robles ECOsystem

business

agriculture

industry

transport

GREENBELT
RESOURCES CORPORATION

- Paso Robles
 - City Works
 - Metropolitan Water District
 - School District
 - Waste Management
- 310 Beer & Wineries
- 50 AG Producers
- Pearson Fuels
- Ted Swan Trucking
- California Cattle Services
- FSB Farming

CITY / LOCALIZED

Use CITY Resource

Create ETHANOL

-Engine

Capture METHANE

-Generators

Create FERTILIZER

-City Scape

-Local Crops

Create FEED

-Local Stock

Create WATER

-Drink

-Landscape

“Addressing Food Waste and Pollution”

Greenbelt is a business best practice that is already tied to everything environmental

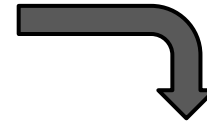


“It’s our responsibility to convert waste to energy...”



Rice Waste

FACT: It's actually worse than that.



Global quantitative food losses and waste for each commodity group per year:

30%



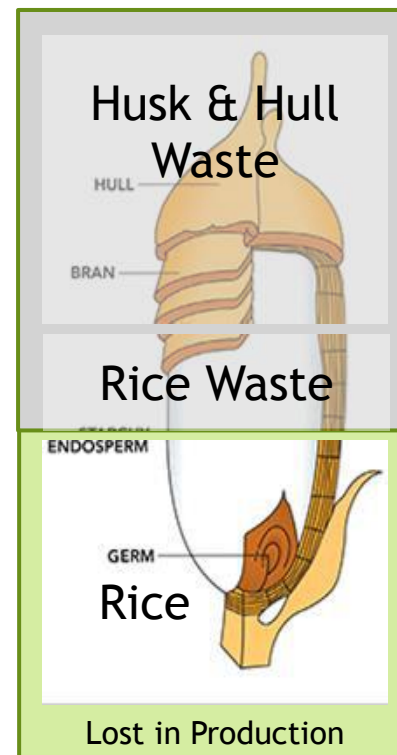
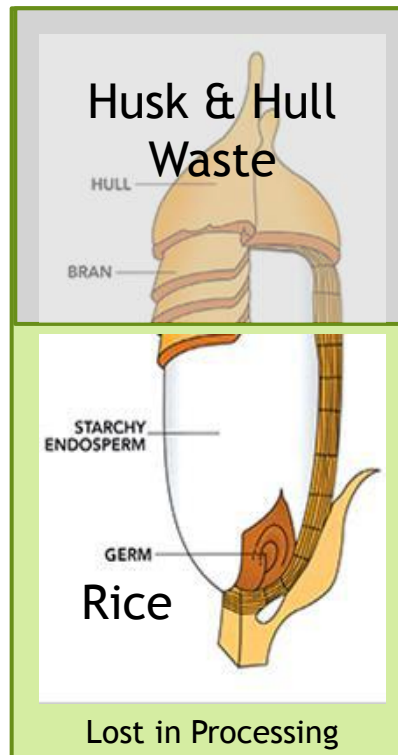
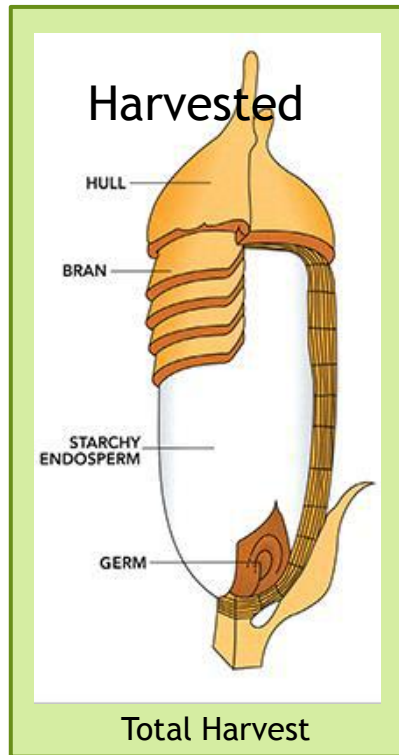
CEREALS

In industrialized countries, consumers throw away 286 million tonnes of cereal products.

Rice



Husk and Shell



Environmental attack



“ZERO Waste can fix this contamination”

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Cost vs Renewable Profit



COST OF WASTE:

- ▶ TRANSPORTATION
- ▶ LABOR
- ▶ DISPOSAL
- ▶ BURN
- ▶ POLLUTION LIABILITY

EXTRACT VALUE:

- ▶ FUEL
- ▶ FEED
- ▶ FERTILIZER
- ▶ CLEAN WATER

Fiber Conversion:

- ▶ Building Materials
- ▶ Pellets to
 - ▶ Electricity

Husk & Shell Waste

HULL
BRAN

Rice Waste

ENDOSPERM

GERM

Rice

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Indonesia, Everyday



TODAY



TOMORROW

Our Future

- ▶ Expand our capability in ZERO Waste
- ▶ Partner with the best environment solutions
- ▶ Offer Lease and Rent solutions
- ▶ Consult in Pollution Remediation
- ▶ Partnership with Indonesia

Terima Kasih

Michael Nakamura

Board Member

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626.372.0867 cell

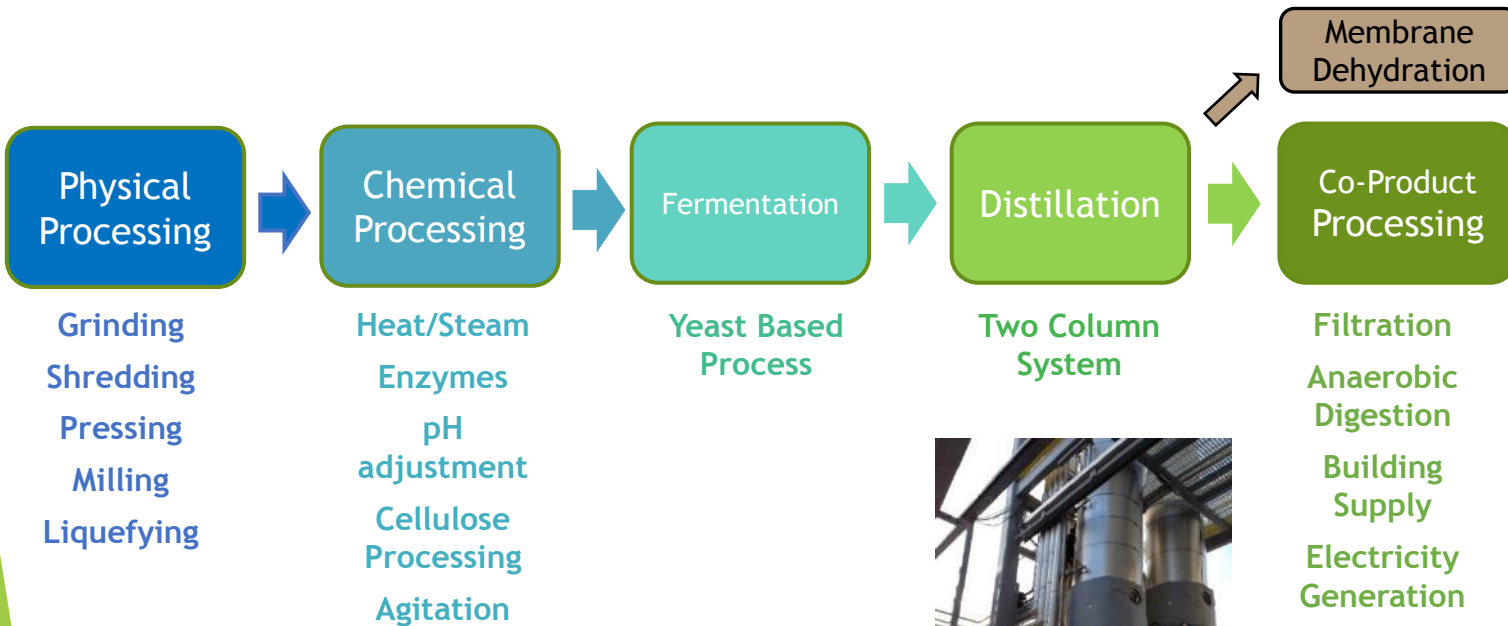
www.greenbeltresources.com



How we do it

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Greenbelt: Plant Process Phases



Leadership

Management



Darren Eng
CEO

Environmental
& Entrepreneur

Vision, governance,
business development,
& strategy.

BS - Environmental
Biology,
Yale



Floyd Butterfield
CTO

Geothermal Scientist,
Biofuels Pioneer &
Multiple Patent Holder

System designer.
Innovator of: distillation,
membrane dehydration
& process controls.

BA - Geophysics,
Occidental



Joe Pivinski
CFO

CFO of four public
companies - services,
construction, real
estate & technology.

Capital markets
transactions, financial
reporting & strategic
planning.

MBA - Finance,
Fordham

Operations

USA

- ▶ Darren Eng, CEO
- ▶ Joe Pivinski, CFO
- ▶ Michael Nakamura, Board of Directors, Sales / Marketing
- ▶ Floyd Butterfield, CTO
 - ▶ George Tracy, Engineer
 - ▶ Hugo Haselhuhn, Engineer
 - ▶ David Michaels, Plant & Shop Manager
 - ▶ Mike Mathews, Controls Design
 - ▶ Daniel Furtado, Welder
 - ▶ Nick Davis, Assembler
 - ▶ JJ Bedwell, Plant Operator

Indonesia

- ▶ Dr. Charles Ong Saerang, Chancellor
 - ▶ Richard Lim, Regional Development

General

Greenbelt is Economically and Socially **SMART**

POLLUTION CLEANUP IS COSTLY

ECONOMICALLY:

- ▶ Produces Reusable FUEL, FEED, FERTILIZER and WATER
- ▶ Allows Profits from waste operations
- ▶ Reduces the cost of operations to the local waste management operators
- ▶ Reduces waste management costs to residences and businesses
- ▶ Gain Carbon Credits

SOCIALLY:

- ▶ Produces Reusable FUEL, FEED, FERTILIZER and WATER
- ▶ Prevents Ground Pollution
- ▶ Prevents Air Pollution
- ▶ Reduces Water Demand
- ▶ Reduces Agriculture Demands
- ▶ Reduces Greenhouse Gases

Research Articles

- ▶ <https://www.wired.com/2016/07/us-throws-away-much-half-food-produce/>
- ▶ <https://www.nrdc.org/sites/default/files/wasted-food-IP.pdf>
- ▶ <http://www.fao.org/save-food/resources/keyfindings/infographics/cereals/en/>
- ▶ <http://www.fao.org/docrep/014/mb060e/mb060e00.pdf>
- ▶ <http://www.fao.org/platform-food-loss-waste/en/>

Why Greenbelt

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Purchase Model

Full System Delivery*

Company Owned System
Paso Robles, CA



Small
\$4M

Customer Installation
University of Florida



Medium
\$6M

Customer Installation
Coleambaly, NSW Australia



Large
\$8M

“Coming Soon, Summer 2017” - Extra Large, \$10M

* Physical source handling systems will adjust pricing

Purchase Model

Shared System Delivery*

General Plant Equipment



Storage
Tanks
Pipe
Scaffolding
Heating
Cooling

Distillation



Dehydration



GREENBELT
RESOURCES CORPORATION

* Physical source handling systems will adjust pricing

Greenbelt is Unique

- ▶ Maximize the Extraction of Renewable Resource
- ▶ PROVEN TECHNOLOGY
- ▶ Operational Expense turned into Profit
- ▶ Patented Technology
- ▶ High volume, consistent quality
- ▶ Self Sustaining Technology
- ▶ Address pollution problems
- ▶ Foundation to Zero Waste, Circular Economy and Sustainability

Greenbelt Community: MICRO WASTE ECOSYSTEM / R&D



SMALL COMMUNITY / ISLAND

Use Local Resource

- Create ETHANOL
 - Engine
 - Generators
 - Cooking
- Create FERTILIZER
 - Local Crops
- Create WATER
 - Drinking
 - Cooking

Extract the Maximum Value from:

agave	coffee cherry	peanut	sugar cane
almond hulls	corn	peanut shell	sugar cane bagasse
apples	corn stover	pineapple	sweet sorghum
bakery goods	cotton gin trash	pistachio hull	switchgrass
bananas	durian	pomegranate husk	trub
barley	durian husk	rice	watermelon
beer	food waste	rice hulls	wheat
cassava	fruit waste	rice straw	wine
citrus	grain sorghum	sisal	wood waste
citrus peel	grape pomace	soda	
coconut	mango	spent yeast	
coconut husk	paper waste	sugar beet	