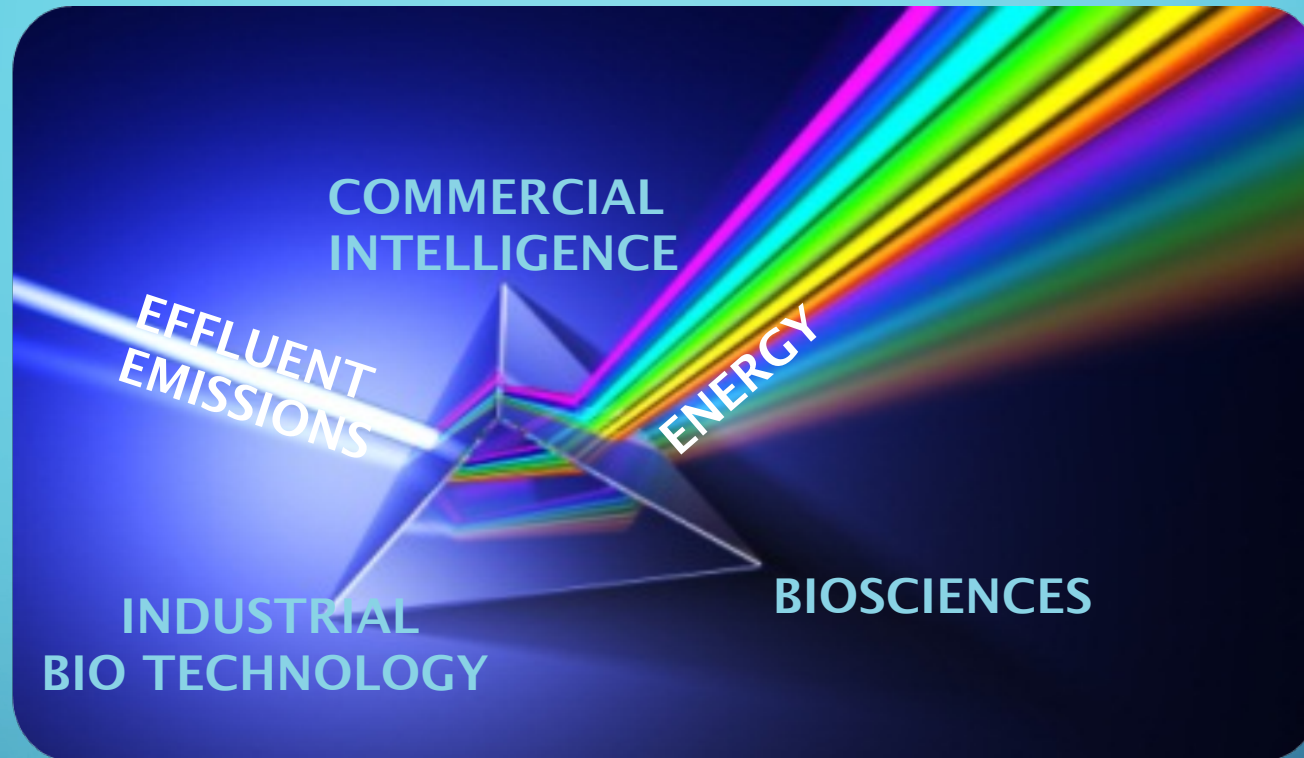




**NATURAL
FIBER
TECHNOLOGIES**

INTRODUCTION

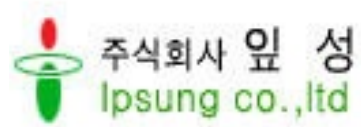


NFT converting waste to energy

BIO ENERGY ALLIANCE



Precision engineering



Precision engineering



Precision engineering



Industrial bioscience



Environmental consultant



Laboratory services



Globally 150+ Bio energy alliance projects NFT operations in Asia Pacific



Environmental Awards 2007

- **Supreme Award**

This award is for the entry considered by the judges to represent the greatest contribution towards environmental excellence.

- **Innovation in Design**

The award highlights the package judged to represent the most environmentally innovative use of materials selected.

- **Environmental Impact**

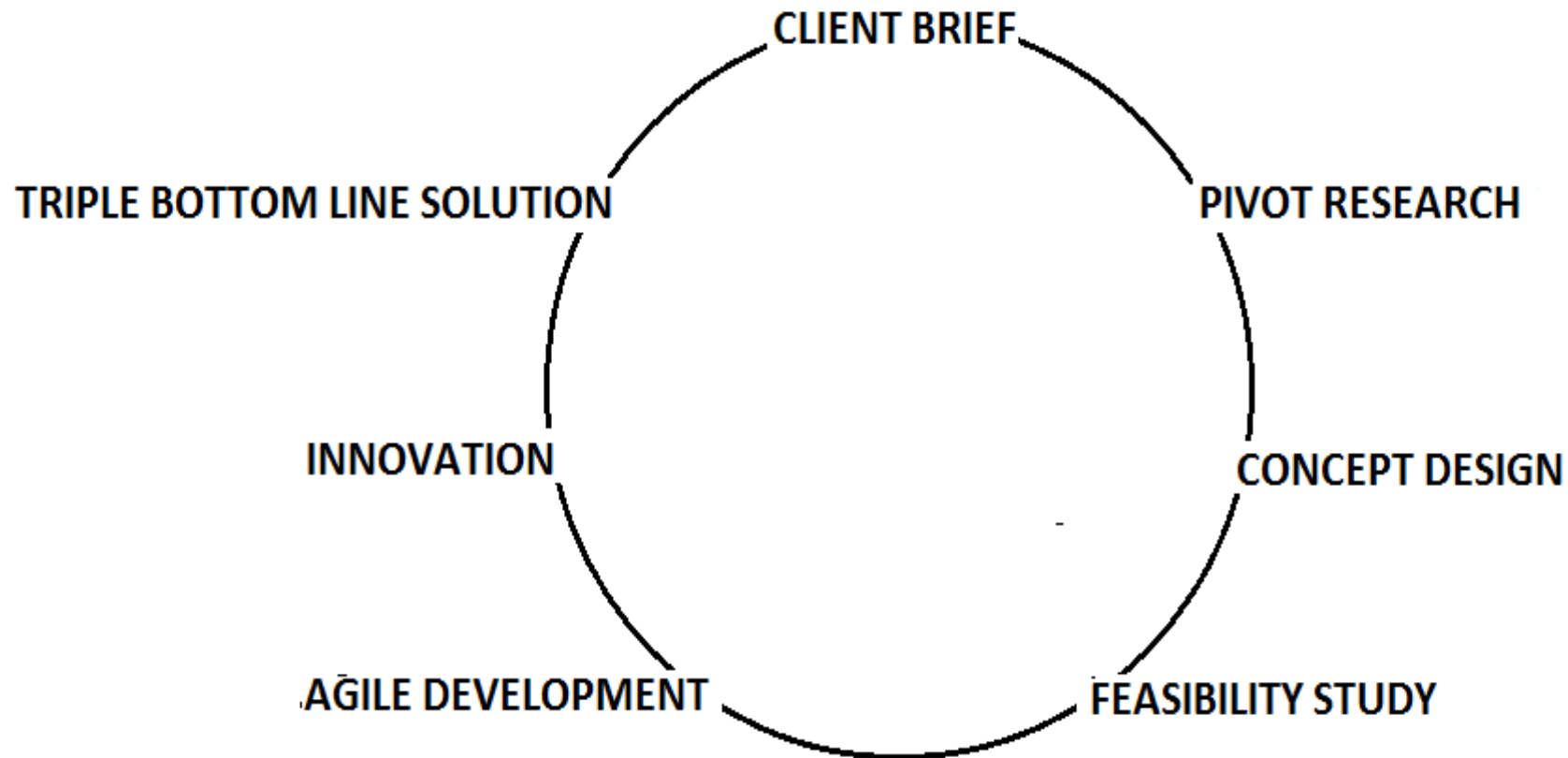
Demonstrates that a company's operations include effective commitment to minimising the adverse environmental effects of its processes related to the manufacture or use of packaging.

- **Paper Packaging**

Highly Commended



NFT PROJECT APPROACH



Biological resource with high energy content:

Arable crop waste

Abattoir waste

Chicken waste

Milk processing waste



2Mw(E) Centrigas plant Ukraine with chicken manure feedstock



SKJÖLDGAS-[®] EFFLUENT

Bio gas plant
for highly
polluted **small
scale**
industrial
wastewater
i.e. vineyards



CENTRIGAS-[®] BIO MASS

Biogas plant
for farm
waste, energy
crops and
**small
industry**
i.e. dairy farms



SKJÖLDGAS-[®] EFFLUENT

Bio gas plant
for highly
polluted **large
scale**
industrial
wastewater i.e.
sugar mills
chicken
processing
plants



CENTRIGAS-[®] BIO MASS

Biogas plant for
plantations and
large industry
i.e. arable crop
waste



BIO-ECONOMY



- Bio actives
- Bio chemicals
- Bio materials



- Solid waste
- Liquid waste



- Bio gas
- Bio ethanol
- Bio diesel



- Gaseous waste
- Hybrid waste



Generating renewable 24-hour total load power & bio diesel
Delivering sustainable jobs & bio enterprise
Bio energy, bio material & bio chemical products & services
Producing regional economic, social & environmental solutions

Water Resource Recovery Facility of the Future

Energy Positive and Beyond: The Vision for Transforming Wastewater Treatment

Energy Efficiency and Resource Recovery

Facilities will use energy-efficient operations to recover water, energy, and nutrients as well as to produce clean water and other products.



Integrated Production

Facilities will produce clean water, energy, other water grades, and a slate of products for industry, agriculture, etc.



Clean Drinking Water



Other Water Grades



Healthy Aquatic Systems



Fuels



Electricity



Chemicals



Fertilizer



Smart Systems

Sensors, software, and advanced devices monitor volume and content of incoming streams, inform plant operations, track performance, and verify output safety and quality.

Outcomes

- Healthy environment
- Renewable energy supply
- Reduced carbon emissions
- Economic growth
- Vibrant and green communities



Residential



Commercial



Power Plants



Transportation



Industrial



Agricultural

Engaged & Informed Communities

Officials, industry, and the public will manage demand and waste better, support resource recovery goals, and contribute to integrated solutions for water, energy, and food supply.





**NATURAL
FIBER
TECHNOLOGIES**