



**Better to our Planet through Rigorous
Waste Reduction and Recycling**

**APEC Workshop
Rita Lin, McDonald's
Piura, 22nd Sep. 2016**

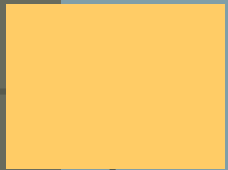


Serve **69** million
customers daily

36,000+ restaurants



100+ countries





Where does waste come from in retail markets?

Over Production

Waiting

Inventory

Transportation

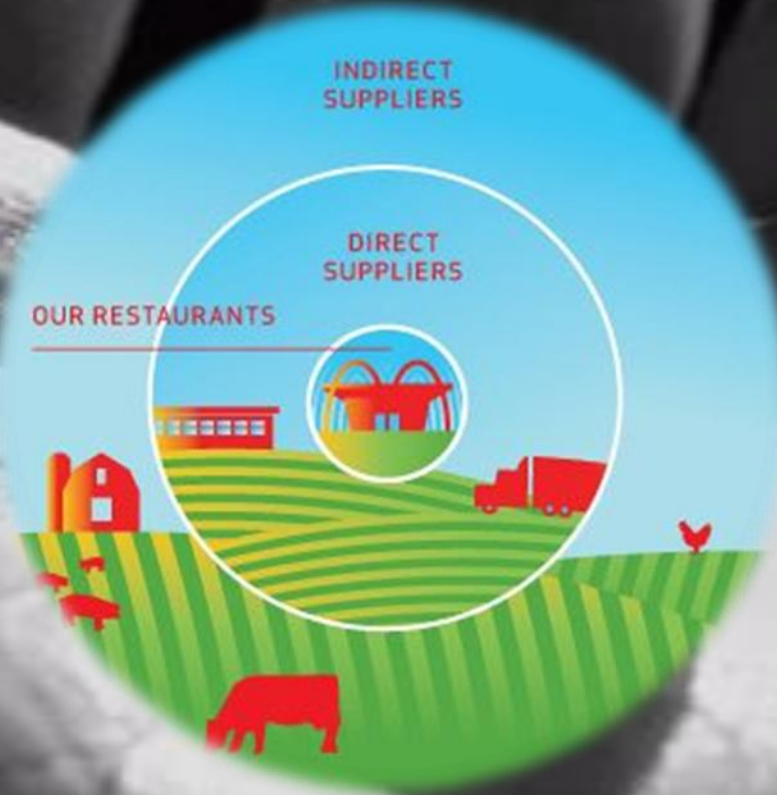
Motion

Defects

Workforce

We Aspire to

...develop the most environmentally efficient restaurants and supply chain throughout the world.



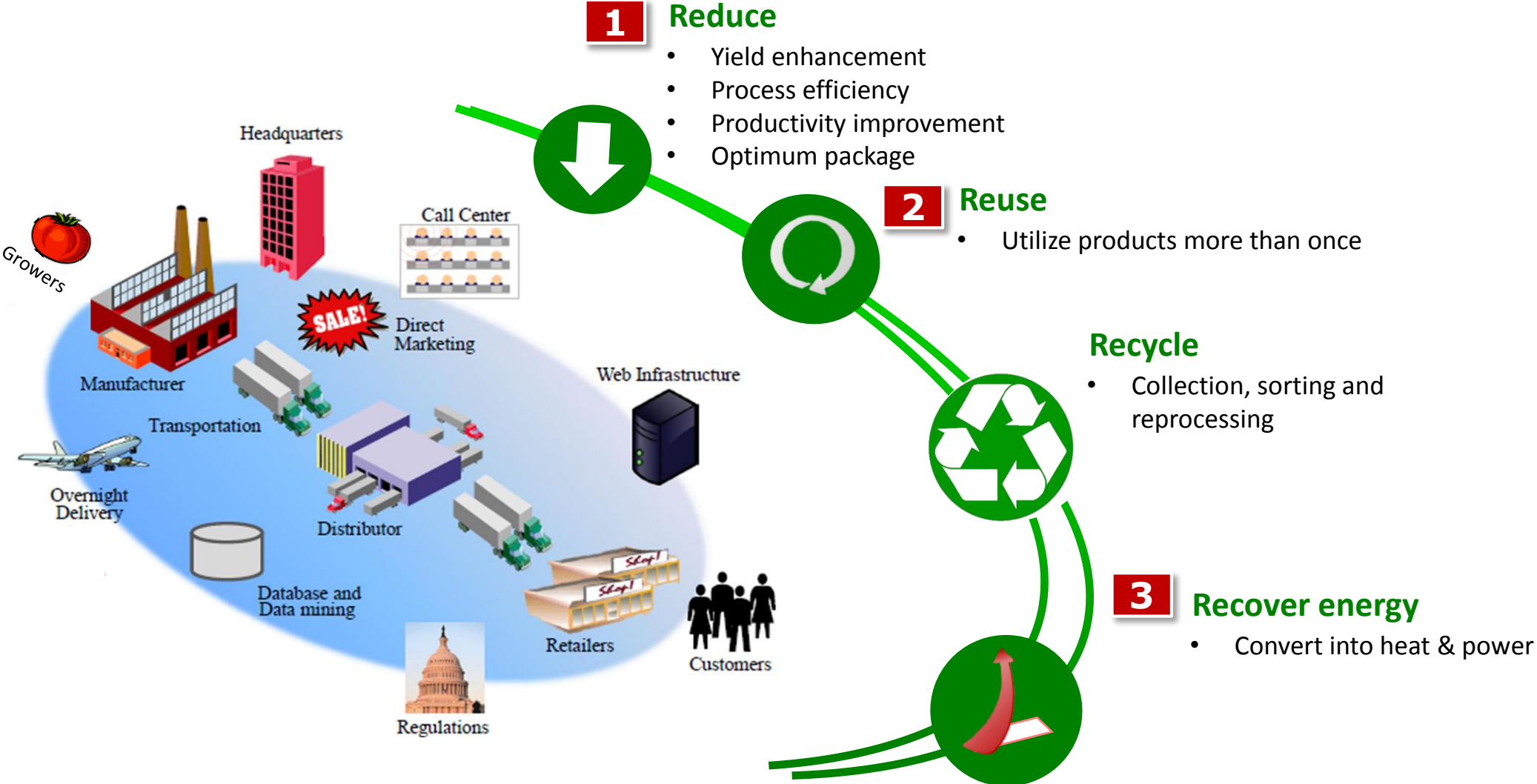
**BETTER
TOGETHER**

Passionate



1. Responsive
2. Urgency
3. "We" > "I"
4. Restless
5. Internal GPS

It is a continuous journey to build a holistic waste and recycling plan with everyone's commitments

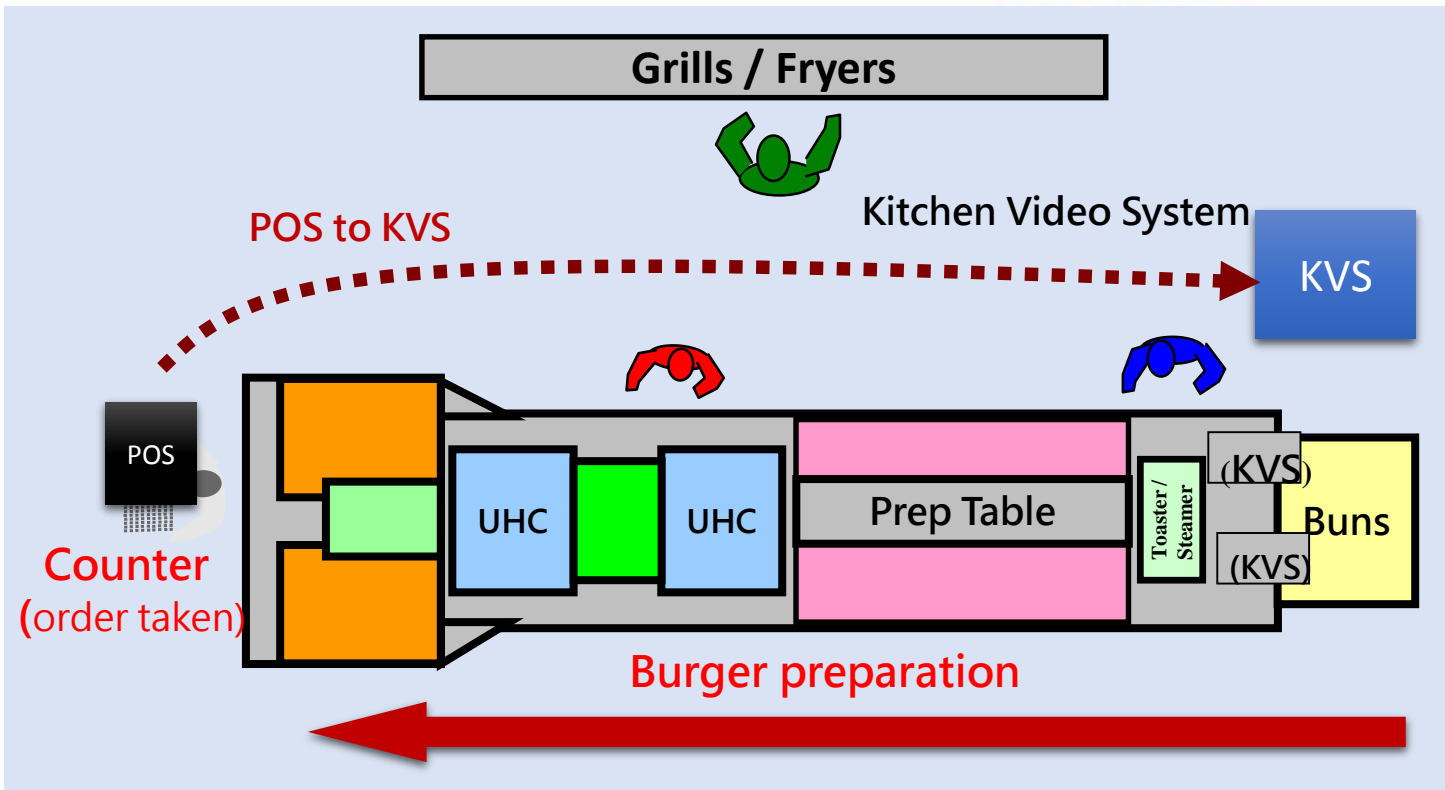


Reduce

McDonald's Restaurant Food Waste Management

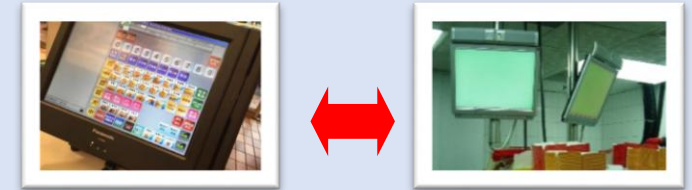
A Lean Food Preparation System – Made for You

New Technology Application
Enhance Ordering / Food preparation



Key actions :

1. Ordering/Food preparation System Integration



2. Different normal and peak hours volume preparation to reduce food waste



3. New cooking equipment investment to enhance efficiency



People

Product

Process

Communication

Equipment

Physical Plant

Reduce

McDonald's Restaurant Food Waste Management A Lean Food Preparation System – Made for You



Our achievement



People



Product



Process



Communication



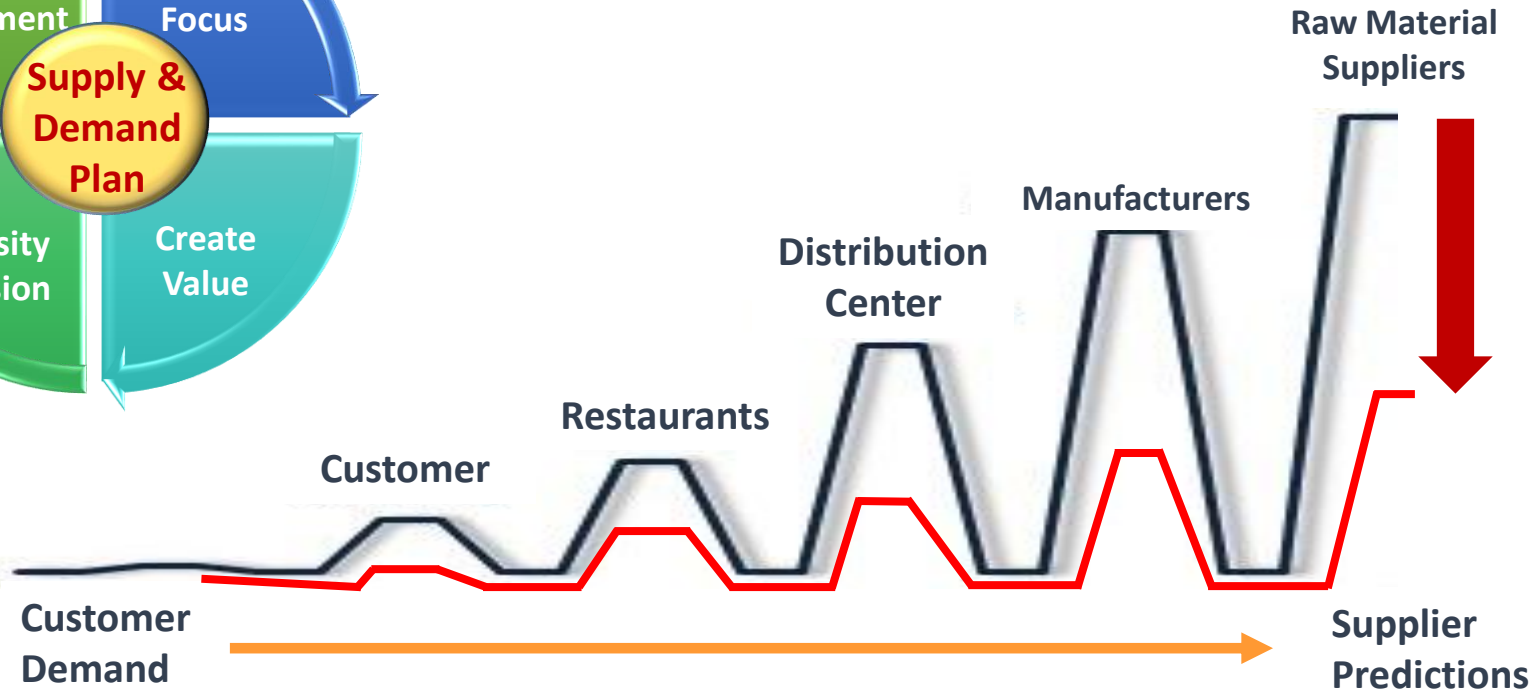
Equipment



Physical Plant

Reduce

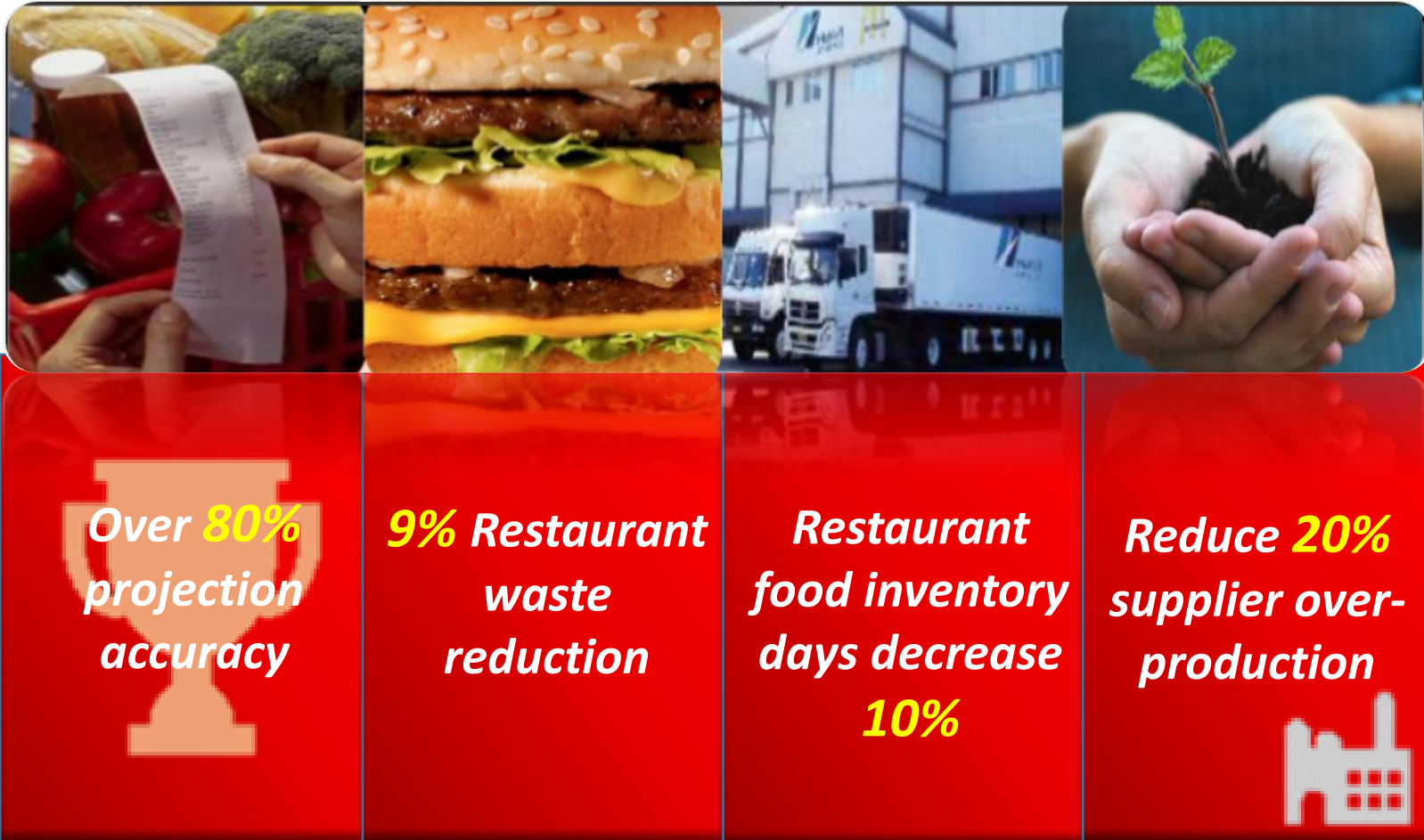
Reduce over-production through streamline Supply Chain process, systematic demand forecast and back-up plan



- Plan ahead
- Information transparency and timely
- Contingency plan ready

Reduce

Our Achievement for Effective Sales & Operations Planning



Reuse

Meat Supplier – K&K Foods:

Continuous investigation and investment on waste water recycling/reuse system and equipment to drive ECO-Friendly

1 Waste Water Treatment

- To ensure waste water management effectiveness



5 Replacement of Light by LED



4 Heat Exchange System & Boiler

- Replace heavy fuel oil by gas



3 Water Purification System

- Convert the plant's existing soft-water system to a water purification system, in order to treat the wastewater and reuse it in nonfood operations.

2 Remove Solid Residues

- A sand filter, carbon filter and resin ion exchanger to ensure purification system effectiveness

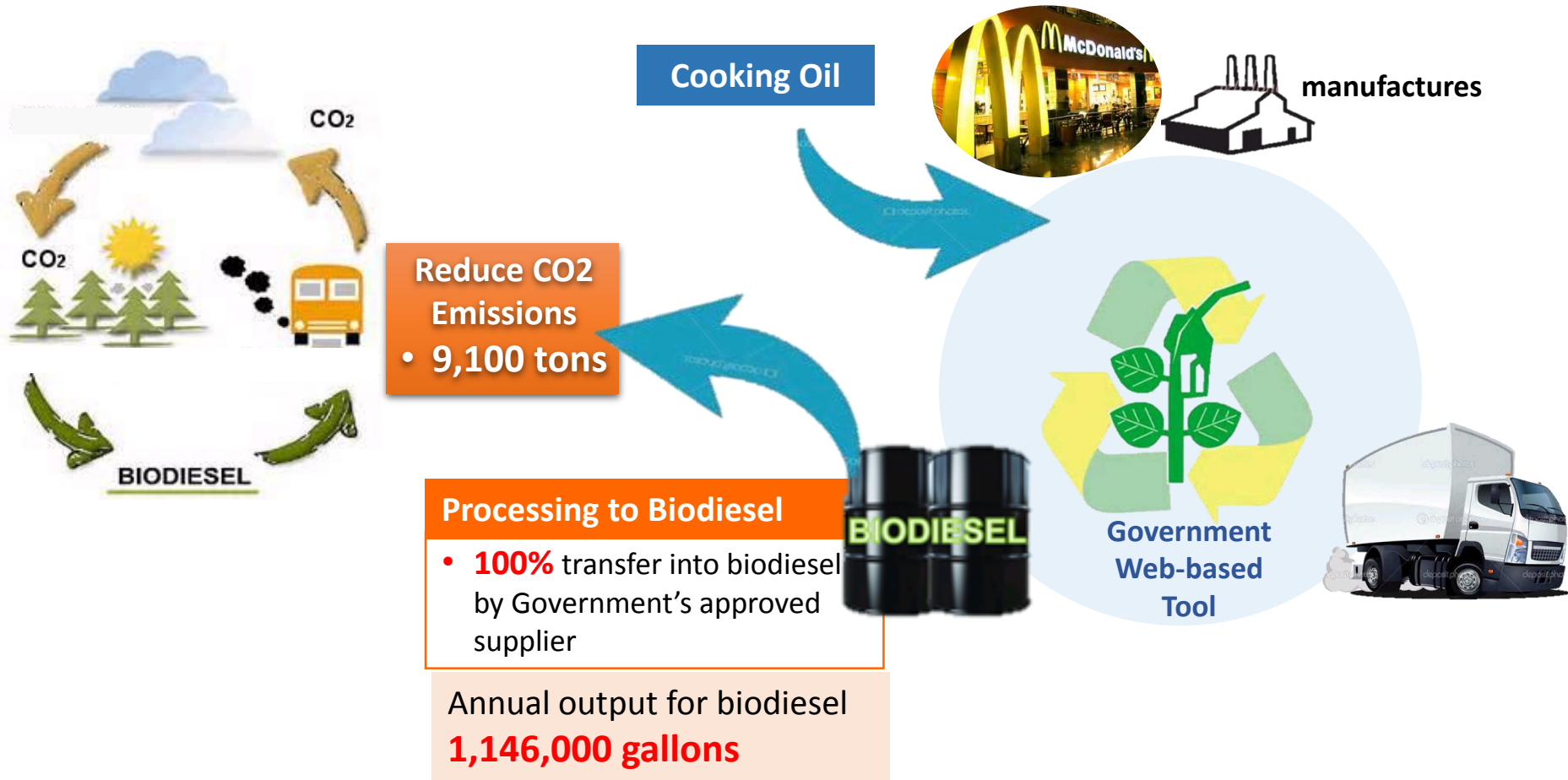


Compared to year 2007

- Water : 15% reuse
- Energy : 12% reduction
- CO₂ Emmission : 680 tons
- Friendly to Earth

Recover Energy

Convert used cooking oil to biodiesel to benefit our environment



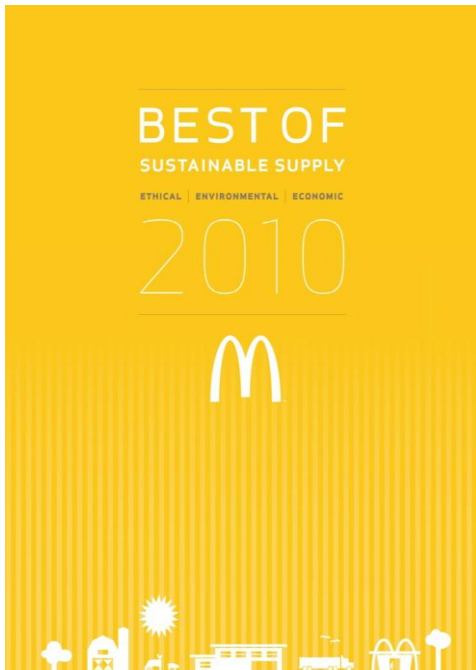
Transportation

- Government's approved transports for **100%** used cooking oil collection & delivery

Annual recycling over **5,000 tons** used cooking oil

Together
for
Good

McDonald's always shares the best practice for sustainable supply chain



McDONALD'S BEST PRACTICES

EMPLOYEE WELLNESS

Healthy Employees, In And Out Of The Workplace: Cape Oil & Margarine

FAH ADEISON
SUNSHINE RESOURCES MANAGER
CAPE OIL & MARGARINE

DEPARTMENT: HR and substance abuse are common in our country and can affect our workforce. Cape Oil's priority is to ensure the health and safety of our staff.

SOLUTION: The company has employed Muskaan da long, a qualified Occupational Health Nurse, for the past 10 years. In addition to treating and monitoring all occupational injuries and accidents, she conducts annual personal hygiene and substance abuse training. The clinic has established and managed...

SEARCH by keyword

FILTER by: Best practices, Category and area of the world, Select All, Clear All

CATEGORY: Employee Wellness, Animal Welfare, Climate / Energy, Waste, Fair Materials, Community Impact

AREA OF THE WORLD: North America, Europe, APAC, Latin America, Global

CASE STUDY RESULTS: [Munging, Shredder, Techniques in China, Oil India](#)
[Green Orchards Bear Fruit, Costa](#)
[Saving Water in China, McCain Foods](#)
[Healthy Employees, In And Out Of The Workplace, Cape Oil & Margarine](#)
[Eco Oil Sustainability Model, Caroll Tropical Oil](#)
[Ecofriendly Water at Work And Home, McCain Foods](#)

McDONALD'S BEST PRACTICES

CLIMATE / ENERGY

Energy Efficiency in Toy Factories: The Marketing Store

RODRICA YIM
SENIOR DIRECTOR
THE MARKETING STORE

DEPARTMENT: In 2006, The Marketing Store (TMS) took proactive measures to enhance energy efficiency by minimizing energy consumption and using renewable energy in our factories. The objective was to reduce the environmental impact of factory operations and aligns the client's corporate and product image.

SOLUTION: TMS initiated an energy reduction program with our suppliers by setting annual resource usage reduction targets. Our suppliers have taken various measures...

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[Ecofriendly Water at Work And Home, McCain Foods](#)



**To achieve this, we need to Be Ready, Be Bold and Be Real.
It is crucial to focus on supplier relationship management to
engage your supplier, drive performance and serve your
business strategy on Better to our Planet**

THANK YOU

Better to our planet