

SHARP ELECTRONICS CORPORATION

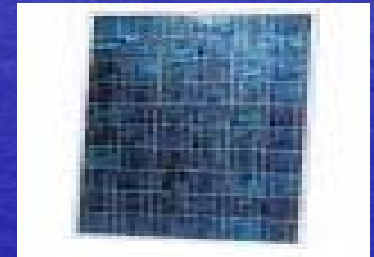
“GREEN” COMPANY IN SUPPLY CHAIN

Mark Servidio
Vice President - Logistics & Supply Chain Planning

SHARP ELECTRONICS CORPORATION

International Electronics Company - \$24B in Sales
Sharp's Major Products Sold in the USA:

- Aquos LCD
- Microwaves
- Copiers
- Faxes
- Monitors
- Solar Panels
- Air Purifiers
- Air Conditioners



SHARP ELECTRONICS CORPORATION

“GREEN” COMPANY-

- It Is Sharp's Goal To Become A “GREEN” Company. Some Examples Of Our Global Achievements:

- 1) All Sharp Manufacturing Site And Major Sales Acquired ISO14001 Environmental Management System Certification.
- 2) Sharp Products Get Many Eco Labels In Worldwide, Including Energy Star Program.
- 3) Sharp Products Are Designed And Manufactured To Minimize Hazardous Chemicals And Meet EU Rohs Requirement.
- 4) Sharp Has Intra-company Guideline For Environmental Conscious Design For Products And Device, And Applied It To Globally.

SHARP ELECTRONICS CORPORATION

“GREEN” COMPANY -

- It Is Sharp's Goal to Become a “GREEN” Company. Some Examples of Our Global Achievements:

5) Sharp Set Up Global Environmental Philosophy And Set Up "Contribution To Conservation Of The Global Environment" In "Sharp Group Charter Of Corporate Behavior".

6) Sharp Set Up Global Environmental Strategy Called "Super Green Strategy" Aiming To Become An Environmentally Advanced Company.

7) Sharp Big Size LCD TV (for Japanese Market) And Its LCD Panel (For Oversea Market) Is Produced In Kameyama Factory In Japan Which Is Environmentally Conscious Factory.

SHARP ELECTRONICS CORPORATION

“GREEN” COMPANY -

- It Is Sharp's Goal to Become a “GREEN” Company. Some Examples of Our Global Achievements -

8) Sharp Is Promoting CSR (Corporate Social Responsibility) Activities And Promote Environmental And Social Contribution Activities Globally.

9) Sharp Published "Environmental And Social Report" Annually, And Every One Can See It In Following Website.

[Http://Sharp-world.Com/Corporate/Eco/Csr_report/Index.Html](http://Sharp-world.Com/Corporate/Eco/Csr_report/Index.Html)

WE TAKE THIS SERIOUSLY!

SHARP ELECTRONICS CORPORATION

“GREEN” COMPANY –

1. 100% Recycle Of Wastewater
2. Installment Of Cogeneration System
3. Installment Of Solar Panel
4. Introduction Of Super Conductivity System
- 5 . Achieve Zero Landfill Disposal In The First Launched Year, 2004.
- 6 . Production Of Environmentally Friendly Products
- 7 . CO2 Emissions Reduction By Integrated Manufacturing



Sustainable Management Pearl Award, 3rd Japan Sustainable Management Awards (FY2004)
Grand Prize, 1st Nikkei Monozukuri Awards (FY2004)

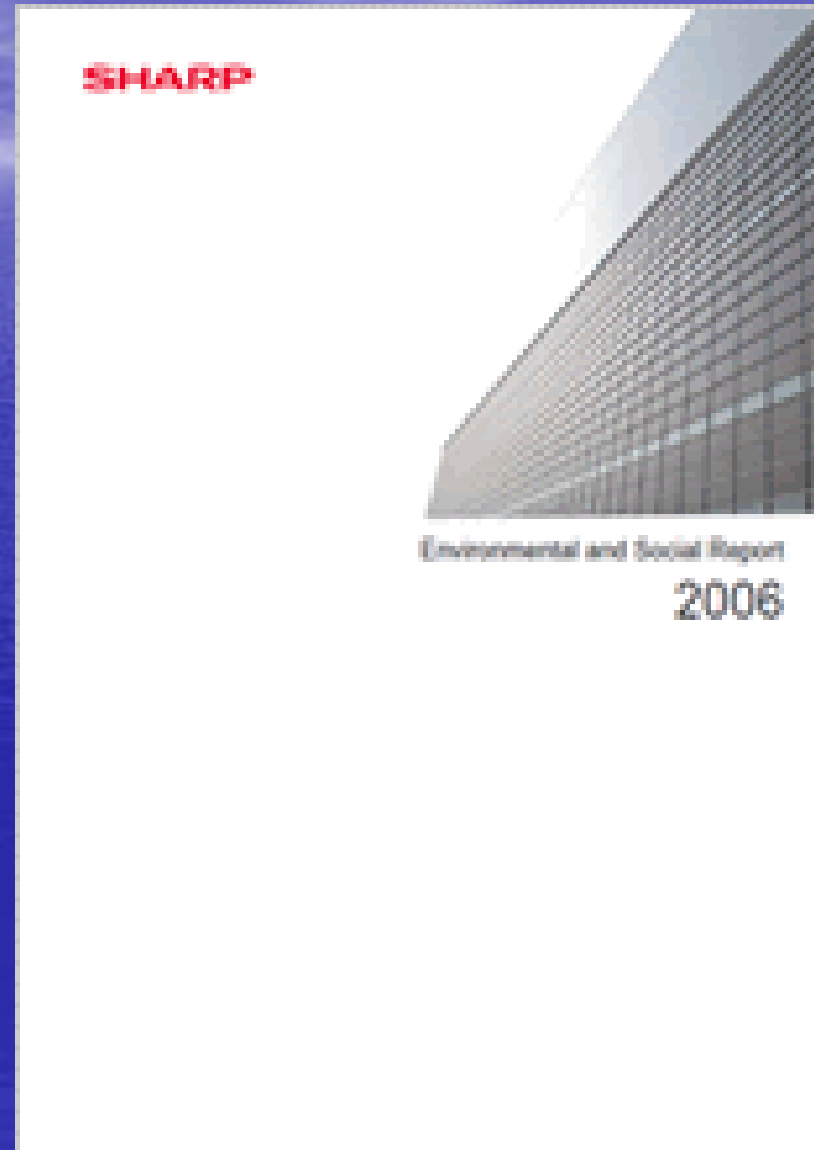
SHARP ELECTRONICS CORPORATION

“GREEN” COMPANY –

This Report Is Divided Into Four Chapters.

1. Special Feature,
2. Highlights,
3. Sharp And The Environment,
4. Sharp And Society,

56 Pages of Activities



SHARP ELECTRONICS CORPORATION

IN THE US -

Sharp Joined SmartWay In October 2004. We Were One Of The Winners Of The 2006 SmartWay Excellence Award

SmartWay Transport Is A Voluntary Partnership Between Various Freight Industry Sectors And EPA That Establishes Incentives For Fuel Efficiency Improvements And Greenhouse Gas Emissions Reductions.

There Are Three Primary Components Of The Program:

- Creating Partnerships
- Reducing All Unnecessary Engine Idling
- Increasing The Efficiency And Use Of Rail And Intermodal Operations.

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SMARTWAY ACTION PLAN

- Carrier Notification On SmartWay
- Strict Pickup Times On LTL Shipments
- Implement A No Idle On Trucks When Waiting To Be Loaded
- Mexico/Canada C-TPAT Certification
- Reduce Emissions On Forklifts
- Reduce Light Emissions Using Motion Sensors
- Implement ISO14001
- Implement Monthly PM Schedule On All Forklifts
- Increase Intermodal Shipments
- SmartWay Sign Placed Outside Logistics Centers
- Employee Training
- Employee Education

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ACCOMPLISHMENTS

- No-idle Policy Reduced
 - CO2 - 5.8 Tons
 - PM - 0.0006 Tons
 - NOx - 0.12 Tons
- Increased Use Of Intermodal
 - CO2 - 606.3 Tons
 - PM - 0.5 Tons
 - NOx - 12.3 Tons
 - Saved 54,670 Gallons Of Diesel Fuel

SHARP ELECTRONICS CORPORATION

NEXT STEPS

- Sharp Ships about 55,000 FEU Worldwide. Electronics Companies about 600,000 FEU
- It Is A Concern With This Volume of Product Moving, The Environmental Impact Ocean Vessels Have
- We Are Here To Work With Our Ocean Carriers in Developing A Program Like SmartWay
- We Are Interested and Will Reward (With Additional Business) Those Carriers That Contribute To Reducing Greenhouse Gases and Help Us Achieve Our “GREEN” Company Goals
 - We Have a Member Of Sharp Corporation’s Ocean Carriers Negotiation Team at This Meeting

SHARP ELECTRONICS CORPORATION

OUR VISION FOR CARRIERS

- Commit To Low Sulfur Bunker Fuels, And Other Fuel Improvements
- Commit To Engine Improvements Such As Slide Valves, Fuel Injection, EGR And Other New Technologies
- Commit To Scrubbers, Catalysts, Bonnets And Other After-treatments
- Consider Other Innovations Such As Cold-ironing, Speed Reduction, Hull Coatings, Supplemental Wind And Solar Energy Sources
- Commit to Long Term Solutions And More Sustainable Operations
- Commit to PM, NOx, and CO2 Reductions Goals

SHARP ELECTRONICS CORPORATION

OUR VISION FOR CARRIERS

WE ARE IN THIS TOGETHER AND CAN ALL BENEFIT TOGETHER

THANK YOU