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Green Tier Commitment Outline for SC Johnson & Son, Inc. – Racine, WI

Approval Date – July 9, 2012

Commitment Outline Updated: 02/26/2020

The updates since participation started are:

- SPOC replaced by project coordinator
- Change of project coordinator
- Updated general content, format and links

I. Environmental Management Systems (EMS) & Audit Requirements

Your EMS must either be ISO-certified, or you must demonstrate that it is functionally equivalent. For information on how to demonstrate the functional equivalency of your EMS, please see: <https://dnr.wi.gov/files/PDF/pubs/co/C0503.pdf>

You have supplied us with a copy of your ISO 14001 certification, satisfying initial Green Tier EMS requirements.

To maintain good standing with Green Tier EMS requirements:

- A. On or before, **July 9, 2013** and every year after that, you must perform an environmental management system audit. The department recommends that your first audit be completed by a DNR-approved outside environmental auditor.
- B. On or before, **July 9, 2015** and every third year, this audit **must** be completed by a DNR-approved outside EMS auditor. The list of approved auditors can be found at: <https://dnr.wi.gov/topic/GreenTier/Auditors.html>

II. Provide an Annual Report

- A. **Annual Report Due Date** - We have mutually agreed that the deadline for your Green Tier annual report is **January 31, 2014** and annually thereafter. (Please feel free to discuss alternative reporting dates with your Project Coordinator should your needs change.)
- B. **Reporting on Environmental Performance Commitments:** Your first report should follow the annual report instructions provided below and should provide data on your progress toward meeting your environmental performance commitments laid out in your Green Tier application or your previous year's Green Tier annual report..
- C. **Annually**, you will need to report progress on the commitments that you have made. For more details about annual reports and metrics, see the annual report instructions provided on the website; <https://dnr.wi.gov/topic/GreenTier/ReportInstructions.html>
- D. Please provide annual Green Tier Reports to: GreenTier@Wisconsin.gov and your Single Point of Contact.

III. Work toward Superior Environmental Performance

Implement environmental improvements that aim to achieve Superior Environmental Performance as defined in Green Tier law. This means environmental performance that

results in measurable or discernible improvement in the quality of the air, water, land, or natural resources, or in the protection of the environment, beyond that which is achieved under environmental requirements. More information on Superior Environmental Performance can be found here:

<https://dnr.wi.gov/topic/GreenTier/SuperiorEnvironmentalPerformance.html>

IV. Green Tier - Tier 1 – DNR Commitments

- A. **Single Point of Contact (SPOC):** Your single point of contact or SPOC is your liaison to the department, answering your questions or making connections within DNR or with other experts. Your SPOC is: Laurel Sukup – DNR, Phone 608-267-6817, Laurel.Sukup@Wisconsin.gov.
- B. **Green Tier Logo:** Green Tier participants may use the Green Tier logo on stationery, promotional and educational materials related to your facility. Logo files as well as the Green Tier Style Guide with additional guidelines and information are available online at: <https://wi-dnr.widencollective.com/portals/nkc57xuv/GreenTierBranding>. Your Project Coordinator can provide you with the current access code.
- C. **Recognition:** Along with the certificate of recognition, the department will host a [participant web page](#) for easy reference. Participants should provide information and pictures on their environmental efforts to populate the webpage. We will also promote your successes throughout your tenure in Green Tier using a variety of DNR communication channels.
- D. **Project Coordinators:** You should also feel free to contact your Project Coordinator for Green Tier specific information. Project Coordinators provide support to SPOCs and participants providing reminders on Green Tier requirement dates and by promoting a participant's successes. Your project coordinator is: Laurel Sukup – DNR, Phone 608-267-6817, Laurel.Sukup@Wisconsin.gov.
- E. **Minimum Inspection Frequency:** Because you have implemented an EMS, you are entitled to inspections at the lowest frequency permitted by the programs under law. The department will work with you to determine how this will work for you.
- F. **Deferred Civil Action:** You are entitled to Deferred Civil Enforcement as described in statutes (299.83(6m)(d)). If you discover a violation of an existing environmental requirement, you are entitled to protection from any civil penalties that the department might otherwise impose if you:
 - 1. Notify the department
 - 2. Provide a corrective action plan and documentation of your Environmental Management System (EMS) adjustments that ensure the violation will not happen again, and
 - 3. Correct the violations within 90 days

Notice: Collection of this information is authorized under s. 299.83 Wis. Stat. Participation in Green Tier and completion of this form are voluntary. Personal information collected on this form, including such data as your name, address, phone number, etc., will be used in the implementation of Green Tier and will be made broadly available under the Green Tier program. Information will also be made accessible to requesters under Wisconsin's Public Records Law (ss. 19.32 – 19.39, Wis. Stats.). If you need to request confidential treatment of any information in order to protect a trade secret, please contact a DNR representative *prior* to submitting this form. Applications must be considered complete by the DNR in order to be processed. For complete application instructions, see "Green Tier Application Instructions," publication number CO-501.

This application is for... (check one): Tier 1 Tier 2 (attach Letter of Intent to this form)

I. Applicant Information

Contact Name	Title		
David Rost	Director of Product Supply Sustainability		
Street Address	City	State	ZIP Code
1525 Howe Street	Racine	WI	53403-2296
Telephone Number	Fax Number	E-mail Address	
(262) 260-2703		DJRost@scj.com	

II. Facility Information

Facility Name	County		
SC Johnson & Son, Inc. Waxdale Manufacturing Facility			
Street Address	City	State	ZIP Code
8311 16th Street	Sturtevant	WI	53177-1964
Mailing Address	City	State	ZIP Code
1525 Howe Street	Racine	WI	53403-2296

Please provide all DNR Facility Identification numbers (FID #) that apply to the covered facility or activity.

252006370

III. Scope of Green Tier Participation (check one)

- This application covers all activities at the facility listed in Section II.
- This application covers all activities at more than one facility. For each facility to be covered under this application provide the information from Section II on a separate page labeled **Attachment 1**.
- This application **does not** cover all activities at every covered facility. Please describe the exact scope of activities and facilities to be covered in the program on a separate page labeled **Attachment 1**.

IV. Environmental Performance

Please provide the following information on a separate page labeled **Attachment 2**. Refer to the *Application Instructions* for definitions of environmental performance and superior environmental performance.

Tier 1 Applicants:

- Describe your past and current environmental performance with respect to each covered facility or activity included in this application. Within this attachment establish a baseline date against which future progress can be measured.
- Describe your future plans for enhancing the environment with respect to the same facilities/activities.

Tier 2 Applicants:

- Provide information demonstrating your record of superior environmental performance. Within this attachment establish a baseline date against which future progress can be measured.
- Describe the measures you propose to take to maintain and improve your superior environmental performance.

V. Environmental Management System (EMS)

- a. Have you implemented an EMS that is certified to the ISO 14001 standard? Yes No (circle one)
- b. Have you implemented an EMS that is functionally equivalent to ISO 14001? Yes No (circle one)

If you circled "No" for both questions, you are not eligible for Tier 2. Please proceed to Section VI only if you are applying for Tier 1.

If you circled "Yes" for either question, please provide a copy of the following documents labeled as **Attachment 3**:

- Proof of ISO 14001 certification OR functional equivalence (refer to *Application Instructions* for details)
- Environmental policy statement and scope statement
- Documented objectives and targets for the covered facilities/activities

VI. Public Notice/Stakeholder Identification

Please provide in a separate document labeled **Attachment 4** a list of stakeholders whom you know or expect will have a strong interest in your Green Tier application, as well as contact information for those stakeholders. This information will help DNR expedite the processing of your application. Tier 2 applicants must provide additional information about stakeholder involvement in a Letter of Intent. Refer to *Application Instructions* for details.

VII. Enforcement Record

Please review the Enforcement Record requirements described in the *Application Instructions* very carefully, and then check the appropriate box:

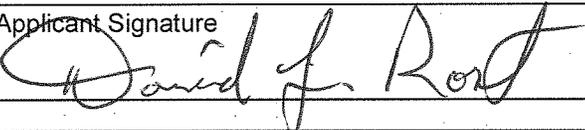
- All enforcement record requirements relevant to this application are satisfied.
- All enforcement record requirements relevant to this application are **not** currently satisfied. A waiver of the enforcement record requirements is requested.

If a waiver is requested, please provide information describing any requirements not met and a justification for the waiver request on a separate page labeled **Attachment 5**. Note that waivers will be granted only in exceptional circumstances.

VIII. Tier 1 Applicant Statement of Commitments

I commit with my signature to the following statements and certify that all information provided in this application is true and correct under penalty of law:

- Implement, within one year of the date of this application, an EMS for each covered facility or activity that is certified to the ISO 14001 standard or is functionally equivalent to ISO 14001 as determined by DNR.
- Conduct annual EMS audits, with every 3rd EMS audit performed by a DNR-approved outside environmental auditor.
- Submit to DNR an annual report on each EMS audit that is in compliance with s. 299.83(6m)(a), Wis. Stats.
- Submit to DNR an annual report on progress towards meeting objectives related to improved environmental performance for aspects regulated under chs. 29 to 31, 160, or 280 to 299, Wis. Stats., unregulated environmental aspects, or voluntary actions to restore, enhance, or preserve natural resources.

Applicant Signature 	Date Signed 5/3/12
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IX. Tier 2 Applicant Statement of Commitments

I commit with my signature to the following statements and certify that all information provided in this application is true and correct under penalty of law:

- Conduct annual EMS audits performed by a DNR-approved outside environmental auditor.
- Conduct or have another person conduct an annual audit of compliance with environmental requirements that are applicable to the facilities and activities covered under Green Tier.
- Submit to DNR an annual report on each EMS audit that is in compliance with s. 299.83(6m)(a), Wis. Stats.
- Submit to DNR an annual report on each compliance audit that is in compliance with s. 299.83(6m)(a), Wis. Stats.

Applicant Signature	Date Signed
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X. For Department Use Only

Date Received	Initials of Reviewer	Status	Date Returned to Applicant for Additional Information	Date Denied	Date Approved

Wisconsin Green Tier Application

Attachment 1:

Additional Facilities:

SC Johnson & Son, Inc.
Global Headquarters
1525 Howe Street
Racine, WI 53403-2296

Contact: William Archer, PhD
Manager, Sustainability
(262) 260-4169

Wisconsin Green Tier Application

Attachment 2:

- Description of past and current environmental performance, with established baseline date against which future progress can be measured.
 - Attachment 2A is a company sustainability overview which summarizes our environmental leadership activities to date.
 - Attachment 2B provides a description of past and current environmental performance, with established baseline data against which future progress can be measured.
 - A copy of our 2011 Public Report is also included to provide further information with respect to our environmental goals and progress.(see especially pages 40-41)

- Description of proposed measures to maintain and improve superior environmental performance.
 - Moving forward we continue to target improvements against our environmental goals. We have established 5 year targets (through 2016), which are reported annually, against the following goals:
 - Improved percentage of our ingredients rated “Better” or “Best”, using our Greenlist™ process
 - Waste and Emissions reduction
 - Increased use of Renewable Energy
 - Greenhouse Gas reduction

Investing in People, Investing in the Planet

From selecting better ingredients to using fewer resources, we're working every day at SC Johnson to make this world a cleaner, better place. Our sustainability efforts target four key areas where we believe we can make the biggest impact on quality of life, economic progress, our product mix and the planet.

Reducing Resource Use

We're always looking for ways to lighten our impact on the world, protecting the earth's critical resources for generations to come.

- Since 2000, we've cut GHG emissions 26.2 percent from all of our factories and 40.2 percent of our electricity usage is sourced from renewable energy.
- Renewable energy is key to powering our worldwide factories and achieving our GHG reduction targets:
 - Methane and natural gas power our largest factory in Sturtevant, Wis.
 - Wind power provides electricity at our Bay City, Mich. and Mijdrecht, Netherlands plants and three SWIFT mini-wind turbines are being piloted at our corporate headquarters in Racine, Wis.
 - Waste palm shells are burned as a fuel source in Medan, Indonesia.
- Leadership programs with the U.S. EPA's Climate Leaders, Smartway, and others help us share best practices and track our progress.



Improving Our Products

As a family company, we're committed to offering safe, effective products that not only work, but that are also better for families and the environment.

- Our patented **Greenlist™** process helps us find better ingredients for performance, human health and the environment. 
- Through partnerships that drive advances, such as with the U.S. EPA and others, we're continuously striving to improve the sustainability of our products.
- SC Johnson supports your right-to-know what's in the products you use, and our ingredient communication goes far above and beyond industry standards.

Strengthening Communities

We want to make every place that's home to our business a better place to live. So when you buy products like **Pledge®** or **Glade®**, you're doing more than caring for your home. You're also helping us care for communities.



- Our partnerships and programs create mutual value at the base of the economic pyramid and contribute to local quality of life.
- In the past ten years, we've given nearly \$185 million in philanthropic contributions worldwide; five percent of pre-tax profits go to corporate giving and at the subsidiary level, companies aim to give up to two percent.
- Employees also generously give of their time and money through volunteer initiatives.

Protecting Families

Half a billion people are affected each year by insect-borne diseases like malaria and dengue. So we're continually making our pest control products work better, and we're helping teach families how to protect themselves.

- We're continuously improving performance to help deter insects that may carry diseases with our trusted brands such as **OFF!®**, **Raid®** and **Autan®**.
- Our malaria prevention programs teach kids, parents, teachers and others about avoiding infection, and have reached more than a million people in areas such as South Africa, Ghana and Mozambique.
- Each year, SC Johnson educational programs and materials about dengue prevention reach hundreds of thousands of people in Asia, Latin America, and other areas.



Legacy of Leadership

Here are a few examples from the last decade of how we've been recognized for doing our part.

2011

Windex® Mini, a concentrated refill pouch that uses 90% less plastic packaging than a traditional 26-ounce trigger bottle, launched in July.



2011

SC Johnson named as one of the top 10 greenest brands in the ImagePower Global Green Brands Survey.

2010

SC Johnson was named the fourth most innovative company in the consumer products category on *Fast Company* magazine's annual **Most Innovative Companies** list.

2009

The 2009 **Harris Interactive Reputation Quotient® Study**, which measures reputations of the 60 most visible companies in the U.S., found that SC Johnson earned the 5th highest score. Ratings were based on an online survey of Americans and measured dimensions such as social responsibility, emotional appeal, and products and services.

2009

SC Johnson was honored by the **Foreign Policy Association** for its commitment to social responsibility.

2009

SC Johnson surpasses industry guidelines by launching an innovative and expansive ingredient disclosure program.



2009

SC Johnson launches its first owned and operated windmill, at its largest European manufacturing plant. The turbine will prevent 3,930 metric tons of greenhouse gas emissions annually.

2009

SC Johnson was named one of the **"World's Most Ethical Companies" for 2009** by Ethisphere, for the third year in a row.

2008

SC Johnson receives the U.S. EPA's Safer Detergents Stewardship Initiative award for voluntarily committing to use safer surfactants in products.

2008

SC Johnson voluntarily begins working with suppliers to eliminate phthalates from the fragrances they provide for our products.

2008

A 5-year deal to source nearly half the electricity for our Bay City, Michigan factory from wind power helps cut 29,500 tons of CO2 annually.

2007

SC Johnson is recognized for using Green-e certified energy at Waxdale, our largest global manufacturing facility.



2006



SC Johnson achieves **Charter for Sustainable Cleaning** membership with Europe's International Association for Soaps, Detergents and Maintenance (AISE).

2006

SC Johnson is awarded the Ron Brown Award for Corporate Leadership, for commitment to responsible raw material choices.



2006

SC Johnson is among the first to surpass its Climate Leaders goals, reducing our greenhouse gas emissions 23% per pound of product.

2006

In recognition of our **Greenlist™** process, SC Johnson is awarded the Presidential Green Chemistry Challenge Award.



2005



SC Johnson is the first major consumer packaged goods company to partner with the **U.S. EPA's Design for the Environment** program

2005

SC Johnson sponsors field testing of the Base of the Pyramid Protocol™ to develop a sustainable business in Nairobi, Kenya.

2005

SC Johnson starts up our 2nd co-generation turbine, becoming the first CPG plant in the U.S. Midwest to produce nearly all our own energy through clean-burning technologies.

2003

SC Johnson receives the first-ever **Lifetime Atmospheric Achievement Award** from the U.S. EPA, for protecting both the ozone layer and climate.

2002

SC Johnson is the first consumer packaged good manufacturer to join the U.S. EPA's Climate Leaders program.



Attachment 2B

Sustainability Areas of Focus:

For the last two decades, SC Johnson has set firm environmental goals every five years and regularly reported the results. The 2011 Public Report marks our 20th year of publicly sharing updates about our environmental goals and progress.

Our sustainability efforts target five key areas. From greener products, to conserving resources, to helping communities, these are the areas where we believe we can make the greatest impact. Public Report

Information on some of our activities and initiatives is provided below and more information can be obtained from our web site at www.scjohnson.com.

IMPROVING OUR PRODUCTS:

GREENLIST™ PROCESS

Better products from better information.

In 2001, SC Johnson developed the Greenlist™ process to classify ingredients considered for use in our products by their impact on the environment and human health. Today, SC Johnson scientists have a computerized, global system that helps them select the best available ingredients and continually improve our products.

Our now-patented Greenlist™ process includes ratings for more than 95% of the ingredients we use. It has been scientifically reviewed by numerous organizations, and we continue to add to and improve the process.

Our goal with the Greenlist™ process is that beyond meeting legal and regulatory requirements for our products, we also increase year-on-year the percentage of our ingredients that has the least impact on the environment and human health. We started at 4% “Best” ingredients in 2001; today we are at 27%.

As a result, using Greenlist™ we have been able to continuously improve our products. For example, by reformulating Windex® brand glass cleaner, we cut 1.8 million pounds of volatile organic compounds (VOCs) from it while giving it 30% more cleaning power.

We're also committed to sharing the Greenlist™ process because we believe other organizations could benefit from it, too. That's why we have partnered with Five Winds International as our third-party administrator to license the Greenlist™ process to other companies royalty-free.

The Greenlist™ Ingredient Selection Process

Through our Greenlist™ process, each potential ingredient receives a rating from 3 to 0. An ingredient with a 3 rating is considered "Best," 2 is "Better," 1 is "Acceptable" and 0-rated materials are used only on a limited, approved basis when there is not a viable alternative. Whenever possible, we work toward replacing these 0-rated materials with those that have a preferable environmental or health profile.

When SC Johnson scientists create a new product or reformulation, they work to select raw materials rated "Better" or "Best." When existing products are reformulated, the scientist must include ingredients that have ratings equal to or higher than the original formula.

This diligence helps us go beyond regulatory requirements to continually make our products better. While some raw materials with a 0 score are not restricted by government regulatory requirements, over the years SC Johnson has decided to limit their use.

The Greenlist™ process was designed to contribute to better choices in our supply chain, too. It encourages consideration of more sustainable resources, including renewable materials. It also recognizes the value of suppliers that demonstrate a higher level of environmental responsibility, such as that confirmed by ISO 14001 certification.

Best Materials Mean Better Results

In our latest reporting year – 2010/11 – SC Johnson's use of "Better" and "Best" ingredients reached 51% versus 18% in 2000/01. Despite sales growth, our use of the lowest-rated materials has decreased from 10% in 2000/01 to 4% in 2010/11.

CONTINUOUS IMPROVEMENT

At SC Johnson, we understand that it isn't just important what's inside our products; what's NOT inside matters a lot too.

Over the years, it's natural that as new studies are completed, new information occasionally comes to light that makes a particular ingredient less desirable.

While all SC Johnson products meet legal and regulatory requirements, in many cases we choose to go beyond the requirements and replace less desirable ingredients with those that we believe have a better environmental or health profile.

Here are a few examples...

In **1975**, we voluntarily and unilaterally eliminated chlorofluorocarbons (CFCs) from our aerosol products worldwide – a full three years before the U.S. mandate to do so, because of concerns about CFCs impact on the ozone layer.

In **1993**, we eliminated paradichlorobenzene (PDCB) in toilet products because it affects ozone in the upper atmosphere and is also a water contaminant that may accumulate in the food chain.

In **2002**, we eliminated polyvinyl chloride (PVC) from our packaging because it is not biodegradable and has been linked to health problems and other issues.

Also in **2002**, we eliminated chlorine-bleached paperboard packaging because the chlorine can cause contamination of air and water.

In **2004**, we eliminated the organophosphate insecticide DDVP because of links to human health and environmental risk.

In **2006**, we eliminated another insecticide, propoxur, because of its toxicity and persistence in the environment.

In **2008**, we began working with our suppliers to have them eliminate phthalates from the fragrances they supply for our products because of consumer concerns about the larger class of substances in the phthalate family. The phase-out will be completed by 2012.

In **2011**, we announced that by 2015, the company will only purchase palm oil-based ingredients that originate from responsible and sustainable sources.

Here are a few of the partnerships we take part in to help continually improve our products.

Design for the Environment

In 2005, SC Johnson became the first major consumer packaged goods company to partner with the United States Environmental Protection Agency in the agency's Design for the Environment (DfE) program.



DfE is committed to helping companies and industries compare and improve the performance, human health profile and environmental responsibility of products, processes and practices. SC Johnson has participated in the DfE Formulator Program, which encourages partners to make products that are environmentally safer, cost competitive and effective. Our DfE partnership products have included items such as Shout® Citrus Action and Shout® Trigger Laundry Stain Remover.

Charter for Sustainable Cleaning

In 2006, SC Johnson achieved Charter for Sustainable Cleaning membership with the International Association for Soaps, Detergents and Maintenance (A.I.S.E.), a European-based international association of companies in the soaps, detergents and maintenance products industry. Now, SC Johnson is a signatory to the new A.I.S.E. Charter - 2010.



The Charter is a lifecycle analysis-based framework that promotes a common industry approach to sustainability practices and reporting. It covers initiatives from the human and environmental safety of chemicals and products, to eco-efficiency, consumer information and other topics.

The Charter 2010 update adds a product dimension that enables companies to give a sustainability assurance for individual products with a Charter logo.

As part of our ongoing commitment to the Greenlist™ process and programs like the Charter, we have successfully increased the number of readily biodegradable surfactants used in many of our products, including several Mr. Muscle® cleaners that are sold in Europe.

Safer Detergents Stewardship Initiative

Part of the U.S. Environmental Protection Agency's Design for the Environment Program, the Safer Detergents Stewardship Initiative recognizes environmental leaders who voluntarily commit to using safer surfactants.

Surfactants are ingredients that act as wetting agents. For example, they help cleaning products work better by making substances such as dirt dissolve more readily when the product is applied to them.

Surfactants are one of the 19 categories of ingredients that SC Johnson has rated using our Greenlist™ process, which provides ratings for 95% of the raw materials we use. Our scientists use the rating information to select better ingredients for the environment and human health while maintaining the product performance you've come to expect from SC Johnson.

Because we make our products like Scrubbing Bubbles®, Mr. Muscle® and Duck® cleaners with better ingredients including safer surfactants, SC Johnson was named a Champion in the Safer Detergents Stewardship Initiative.

Ingredient Disclosure

Our ingredient communication website is part of a broad ingredient communication program. We put our product ingredients online and also began making them available through our toll-free consumer hotline and adding them to our product labels.

Beyond the Right-to-Know Initiative

SC Johnson's ingredient communication plan builds on a household products industry right-to-know initiative that was announced in late 2008. It's a solid program, and we applaud it. In fact, we're so committed that we go significantly further.

This includes:

- Listing all ingredients, including dyes, preservatives and fragrance ingredients.

- Focusing on a single naming system – the International Nomenclature of Cosmetic Ingredients (also known as INCI) – for simplicity and clarity. These are terms you're used to seeing on makeup and personal products.
- Not just listing but defining ingredients, and including an explanation of their purpose in the product.
- Providing information about U.S. products in English and Spanish.
- Providing information about Canadian products in English and French.

And, Continuing Enhancements

In January 2012, we announced the release of our Exclusive Fragrance Palette that was more than two years in the making. This fragrance palette provides a comprehensive list of the fragrance ingredients found in the company's products and is accessible through www.whatsinsidescjohnson.com.

We also launched website enhancements such as a fragrance education section, comprehensive product definitions, FAQs, links to other resource websites and more. And, we announced plans to roll out product labels that list ingredients using their INCI names. This will be completed over several years.

Reducing Resource Use:

Reducing Greenhouse Gas Emissions

Throughout the past decade, we have continually established and achieved goals that helped us lessen our impact on the world.

We believe that to make a gain, you have to set a goal. That's why in 2000, SC Johnson established a greenhouse gas emissions benchmark for our five largest international manufacturing plants.

In 2002, two more SC Johnson plants voluntarily joined our efforts as well. In addition, that year we joined the U.S. Climate Leaders program and set a second greenhouse gas reduction goal that covered all U.S. operations.

By 2005, we had surpassed our goals for both the United States and our seven largest plants. So in 2007, we announced aggressive new objectives for 2011. We planned to cut U.S. greenhouse gas emissions by 8% versus our 2005 baseline and cut greenhouse gas emissions from all our worldwide factories by 12% versus our 2000 baseline.

Thanks to ongoing efficiency improvements as well as renewable energy projects by 2011 we had achieved a 26% reduction in global greenhouse gas emissions. In the United States, we far surpassed our objective, cutting emissions 27% versus 2005.

But we're never satisfied. Once again in 2011, we set new goals for the future.

Using Renewable Energy

Some might look at a pile of garbage and see...well, a pile of garbage. At SC Johnson, we see an opportunity.

We use garbage, waste palm shells and wind to help power our facilities, cutting greenhouse gas emissions and use of fossil fuels. Here's a look at several of our key projects.

Clean Gusts of Green Energy

In 2008, SC Johnson secured a source of wind power for nearly half of the electricity required to run our Bay City, Michigan factory. The plant, which produces Ziploc® brand bags, was one of the first manufacturing facilities in Michigan to incorporate wind energy.

And what a difference it makes! The deal helps SC Johnson keep 29,500 tons of carbon dioxide out of the atmosphere annually. The energy saved could supply 1,800 average homes in a year. And the CO2 reduction is like taking almost 3,000 cars off the road each year.

Similarly, in 2009, SC Johnson launched its first owned and operated windmill at our largest manufacturing plant in Europe, called Europlant. Located in Mijdrecht, The Netherlands, Europlant produces brands such as Glade®, Duck® and Mr. Muscle®.

The 417-foot wind turbine generates about 42 percent of the electricity to power our plant, preventing 1,650 metric tons of GHG emissions annually.

In January of 2010, we continued to push the winds of change by launching an urban wind energy pilot program at our headquarters campus in Racine, Wisconsin. The goal is to reduce our greenhouse gas usage while at the same time raising awareness that renewable energy can be used in urban settings.

In 2011, we began exploring adding two or three wind turbines at our Waxdale manufacturing facility in Racine, Wisconsin, where we produce brands such as Glade®, Pledge®, Scrubbing Bubbles®, Windex® and Raid®.

The turbines would be the latest in a series of investments at Waxdale that, together, would enable the site to produce 100 percent of its electrical energy on-site with approximately 60 percent of it from renewable sources.

If the project receives local, state and federal approvals, the wind turbines will generate enough electricity to power 850 homes in a year. That's the energy equivalent of more than 750,000 gallons of gasoline. Importantly, the effort will reduce the carbon emissions associated with powering the Waxdale plant by six million metric tons.

From Landfill Trash to Energy Treasure

In 2003, we built our first cogeneration turbine in Racine, Wisconsin to provide power for our largest global factory. At 2.2 million square feet, the Waxdale plant is the home of well-known products from brands like Windex®, Glade® and Scrubbing Bubbles®.

While SC Johnson and other companies have been tapping landfill resources for decades, Waxdale used new technology to create electricity for power and generate steam to heat operations. Using only landfill gas, the turbine produces 3,200 kilowatts of electricity and 19,000 pounds of steam per hour.

It was so successful that in 2004 we announced plans to build a second turbine for Waxdale, using a mixture of landfill and natural gas. The two turbines combine to generate the entire daily base load of electricity for Waxdale, as well as 50-100% (depending on the season) of the steam needed for operations. See it in action [here](#).

Best of all, the turbines significantly reduce our reliance on coal-fired electricity and eliminate 52,000 tons of greenhouse gas emissions each year. That's like taking 5,200 cars off the road or returning 298 railroad cars full of coal to the ground annually.

Power from Waste Palm Shells

Indonesia is another place where we're putting someone else's waste to good use. In 2007, we launched a biomass initiative using palm shells, the remaining waste of the palm oil industry, at our factory in Medan.

As a waste product, palm shells are often burned under uncontrolled conditions. By using them as a fuel source, SC Johnson transfers them back into the value chain with minimal environmental impact. Palm shells also work well as a biofuel. With our palm shell burner/boiler system, we've cut greenhouse gas emissions at our Medan factory by more than 15%, while reducing diesel fuel use by 80%.

Importantly, we're making sure our supply of palm shells is sustainable and responsible, with supply chain policies that ensure the shells are purchased from a single, verified sustainable source.

Leadership Programs and Partnerships

Recognition for Onsite Power Generation

In 2011, SC Johnson was recognized as number eight on the U.S. Environmental Protection Agency's (EPA) Top 20 On-Site Generation List. This recognizes the fact that we generate our own electricity using landfill gas and wind power.

SC Johnson is a member of EPA's voluntary Green Power Partnership and qualifies for EPA's Green Power Leadership Club, which distinguishes members that purchase 10 times the program's minimum requirement.

In November 2011, SC Johnson received a 2011 Green Power Leadership Award from the EPA. The annual award recognizes leading green power users for their commitment and contribution to the advancement of the U.S.'s voluntary green power market.

SmartWay Transport Partnership

Getting there green is half the fun. That's why in 2007, SC Johnson joined the SmartWay Transport Partnership, a voluntary, collaborative partnership with the U.S. Environmental Protection Agency.



SmartWay strives to reduce greenhouse gases and other air pollutants and improve fuel efficiency. SmartWay partners – including freight carriers as well as shippers such as SC Johnson – commit to improve the environmental performance of their freight delivery operations. In return, we get access to tools and strategies from the EPA to improve fuel-efficiency and reduce the environmental footprint of our freight operations, such as intermodal shipping, warehouse improvements and less idling.

In 2009, SC Johnson worked to implement legislation in Wisconsin that provides a special permit for heavier truckloads. With the permit, we can safely increase the weight of shipments to our local warehouses to 98,000 pounds from the normal 80,000-pound loads. The heavier loads result in 72,000 fewer shipping miles traveled yearly and 15.7 tons of carbon dioxide eliminated.

In addition, 100 percent of 2009 outbound SC Johnson shipments were handled by carriers participating in the SmartWay Transport Partnership, up from 78% in 2008.

Climate Leaders

In 2002, SC Johnson became the first consumer packaged goods company to join the United States Environmental Protection Agency's Climate Leaders initiative, the largest greenhouse gas goal-setting program in the U.S.



Climate Leader companies commit to reduce their environmental impact by analyzing their greenhouse gas emissions, setting aggressive reduction goals and reporting progress to the EPA annually.

As a charter member, we pledged to reduce our U.S. greenhouse gas emissions by 8% from 2000 to 2005. However, by the end of 2005 we had reduced our U.S. greenhouse gas emissions by 17%, which doubled the 8% absolute reduction target. We were one of only five participants to reach our Climate Leaders goal.

Our 2011 objective was to cut our U.S. greenhouse gas emissions by another 8% versus the 2005 baseline. We achieved a 27% absolute reduction, greatly exceeding our goal.

While the Climate Leaders program has now been discontinued by EPA, SC Johnson's work to cut our greenhouse gas emissions continues, including a new goal for 2016 to reduce our emissions another 6%.

Wisconsin Green Tier Application

Attachment 3:

- ISO 14001:2004 certificate of registration for covered for covered facility
 - Copy of certificate of registration enclosed. Scope of this registration includes all North American sites.
 - Specifically, this registration includes the Waxdale plant located in Sturtevant, Wisconsin. For audit sampling purposes, this large Waxdale site is broken into 5 business units, which includes:
 - ✓ Specialty Manufacturing
 - ✓ Aerosols Manufacturing
 - ✓ Components Manufacturing
 - ✓ Liquids Manufacturing
 - ✓ Processing (with two separate file registrations)
- Environmental policy statement and scope statement
 - Copy of environmental policy statement enclosed under section 4.2 of the North America SHEMS Manual. Specific policy statement is shown on page 2 of 3 of this section.
 - The scope is referenced under page 1 of 3 of this section (covers all of North America manufacturing sites – which includes Waxdale), and this scope is additionally detailed in the ISO 14001:2004 certification copy that has also provided.
- Documented objectives and targets for covered facilities/activities
 - Attachment 3A details the corporate 2016 goals which can also be found on page 35 of the 2011 Public Report

Wisconsin Green Tier Application

Attachment 3A:

2016 Corporate Sustainability goals.

Continuously Improving Our Products

- Having already increased use of ingredients rated “better” or “best”* from 18% in 2001 to 51% in 2011, increase to 58% by 2016.

*As measured by SC Johnson’s **Greenlist**™ process.

Reducing Waste

- increase post-consumer-recycled content across our product packaging to 30%.
- Decrease packaging across our product lines by 5%.
- Offset 30% of virgin material use through innovative partnership and packaging advances.

Communicating Transparently

- Communicate to the people who buy our products about the materials we use and the impact of our operations.

Reducing our Carbon Footprint

- Decrease our upstream footprint by 8%.
- Having already reduced greenhouse gas emissions from our worldwide factories 26% since 2000, reduce emissions from SC Johnson operations by another 6%.
- Increase our use of renewable energy to 44% of total electricity use worldwide.
- Decrease our downstream footprint by 2%.