



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

IKEA Distribution Services, Inc.



100 IKEA Rd
Perryville, MD 21903
410-642-6280
www.ikea.com/us/en/
Warehousing and Distribution
Member since August 2009

Management and Leadership

Environmental Policy Statement

“At IKEA we are guided by our vision of creating a better everyday life for the many people. And what is good for people is also good for us in the long run. Our business idea, to combine good form, function and quality with built-in sustainability, at prices so low that as many people as possible can afford them, is the foundation for our contribution to a better home for people with ordinary incomes. The home is the most important place in the world and a better home makes everyday life a little bit better. We also recognize that we have a responsibility beyond the home through the impact of our business and the role we have in society. We need to make a small, but significant, contribution.

We want to economize with resources. We do not want to be wasteful and we always strive to make more from less. This is part of core IKEA values. It goes back to our roots in the rocky landscape of Småland in Southern Sweden where people had to make the most out of the scarce resources at their disposal. This continues to influence us as we develop our range, and distribution and sales solutions.

Our vision, business idea and values were the starting point for our environmental initiatives many years ago, as well as for introducing IWAY, our code of conduct for suppliers, and our social programs. Sustainability - environmental, economic and social well-being for today and tomorrow - is becoming an integrated part of our business and is one of the strategic cornerstones in the IKEA Group direction “Growing IKEA Together.” The IKEA sustainability direction, launched in 2013, sets a common framework for all IKEA

trademark companies and this People & Planet Positive strategy compliments that direction.”

IKEA Sustainability Strategy, “People & Planet Positive”

http://www.ikea.com/ms/en_US/pdf/reports-downloads/sustainability-strategy-people-and-planet-positive.pdf

Annual Environmental Goals

IKEA Group 2014 Sustainability Report

http://www.ikea.com/ms/en_US/pdf/sustainability_report/sustainability_report_2014.pdf

Environmentally Preferable Products and Services

“We have taken a stand for fewer and safer chemicals. We have banned PVC from our products and lead in mirrors, dramatically reduced formaldehyde from lacquers and glues, and we never use optical brighteners in IKEA textiles. We are also making dramatic changes to some of the products we sell. We phased out incandescent bulbs in favor of more energy efficient compact fluorescents in 2010; we will now roll out LEDs in the same way – at the lowest prices.

We are turning waste into resources and less than 15% of the waste generated in our stores has gone to landfill. In our Industry Group, we take waste wood that would have been burnt or gone to landfill and turn it into new board for wardrobes or bookshelves. We source raw materials with care; in order to protect the environment and have a positive impact on people and communities. By sourcing raw materials from more sustainable sources, we can protect the environment and make sure people have access to clean water, decent work and can help to protect land rights in the communities where we source. We are one of the world’s biggest buyers of Forest Stewardship Council-certified wood in the retail sector, more than two thirds of our cotton comes from more sustainable sources and we offer responsibly sourced and organic food options in our restaurants.

We work with others to transform industries and are founding members of the Forest Stewardship Council (FSC), and the Better Cotton Initiative (BCI), and have maintained successful partnerships with UNICEF, Save the Children and WWF for a decade or more.”

IKEA Sustainability Strategy, “People & Planet Positive”

http://www.ikea.com/ms/en_US/pdf/reports-downloads/sustainability-strategy-people-and-planet-positive.pdf

Environmental Restoration or Community Environmental Projects

*"IKEA partners with Perryville Middle School
Posted: Thursday, October 16, 2014 3:26 pm*

PERRYVILLE — Armed with shovels, volunteers and students fanned out Thursday afternoon to plant trees on the grounds of Perryville Middle School thanks to a partnership with IKEA.

Nearly 80 employees and 20 students gathered to plant 30 young trees on the campus. The beautification work came about through working with the Business Education Partnership Advisory Council and the American Forests non-profit, said Matt Chambers, sustainability team leader at IKEA."

http://www.cecildaily.com/news/local_news/article_dc6af483-01ad-541b-b58c-4a3b33df5de7.html

Waste

Solid Waste Reduction and Reuse

-In 2015 we began sending our unsorted waste generated from handling and shipping damages to Revolution Recovery in Wilmington, DE. They are a construction & demolition recycler. Approximately 80% of material sent is recovered for recycling.

-Clients from Bayside Community Network sort the residual waste generated in the building. They recover over 80% of that stream for recycling and reuse. The remaining residual waste is sent to Covanta WtE in Chester, PA.

-In 2014 we began using silverware and ceramic mugs in our cafeteria. Our housekeeping staff is responsible for cleaning and stocking the items. They were previously paper cups and plastic utensils.

Recycling

During fiscal year 2015 we recycled 83% of our waste, sent 1% to landfill and 16% was treated as WtE in Chester, PA.

2014 Calendar year results reported under the Maryland Recycling Act, show 77% was sorted for recycling and 23% sent to WtE treatment facility for a total of 2,646 tons of materials recycled.

Hazardous Waste/Toxic Use Reduction

-In 2014 and 2015 we updated our hazardous waste working routines. Working with Wenck, <http://www.wenck.com/>, to ensure compliance and management of waste-related issues and regulatory demands. A North American standard was developed and training was rolled out to all sites.

Energy

Energy Efficiency

-The majority of our 300+ powered-equipment fleet is charged using opportunity charging systems and regenerative braking. It's approximately 30% more efficient than our previous battery charging routine of swapping fully charged batteries.

-In FY15 we've retrofitted our dock doors with fully sealed enclosure systems that block air infiltration/exfiltration and require no energy to function.

-We retrofit over 300 lamps; changing from a 32W T-8 fluorescent to a 19W LED lamp. The project was subsidized through Delmarva Power and we saved about 75% on the cost.

-We outfit crane vehicles in a semi-automated storage building with LED operating lamps. Afterward were able to shut off the lighting in that particular building (except for the emergency lighting). That saved approximately 20% of the lighting in the entire facility.

Renewable Energy

*"IKEA expands rooftop solar panel system atop Perryville distribution center
Rooftop array is largest in Maryland"*

July 01, 2014 | By Lorraine Mirabella, The Baltimore Sun

IKEA has expanded the solar energy system at its Perryville distribution center, making it by far the largest rooftop array in the state.

The home furnishings retailer said Tuesday it began installing additional solar panels last fall to double the existing system's size. The 1.7 million-square-foot warehouse, built in 2002, employs about 550 workers and distributes inventory to many IKEA stores.

The 4.9 megawatt energy system, made up of nearly 26,000 panels, now generates more than 6 million kilowatt hours of electricity a year, the equivalent of eliminating the emissions of 896 cars or powering 591 homes annually. The distribution center will be able to mostly use its own energy.

"We are fortunate to have the roof spaces and corporate commitment to nearly double the energy being generated by this facility," Steffen Daab, distribution center manager, said in the company's announcement.

Inovateus Solar LLC, a solar power distributor that specializes in large-scale installations, completed the work for IKEA. The retailer said it reached its goal last year of completing solar installations on nearly 90 percent of its U.S. buildings, systems it owns and operates as part of a \$1.8 billion investment in renewable energy through 2015. Other sustainable efforts include recycling waste and construction materials, constructing warehouse skylights and water-conserving restrooms and eliminating plastic bags from check outs. The retailer has electric vehicle charging stations at 13 of its stores."

http://articles.baltimoresun.com/2014-07-01/business/bs-bz-ikea-solar-panels-20140701_1_distribution-center-rooftop-array-ikea

Transportation

Efficient Business Travel

We regularly use Webex and Skype for tele-meetings. Travel is managed through a centralized tool that secures cost. On-site, we use a Ford Focus hybrid as a company vehicle.

Fleet Vehicles

"The IKEA group People and Planet Positive strategy has an ambitious goal of reducing our carbon emissions from our own operations by 50% by August 2015. In Distribution Services, an important contribution to carbon emissions from own operations comes from our shunting vehicles at the DC's/CDC's (more than 10% of DC/CDC emissions). In line with our goal of reducing carbon emissions from transport and operations, the IWAY 5.1 Standard

includes a requirement in the Transport section (4.9) for vehicle emissions which states:

“Only trucks that fulfil the national engine emissions standards of 10 years old or less may be used. In countries where no emissions standards for engines exist, trucks must be a maximum of 10 years old. For trucks using alternative fuels, it is acceptable to have trucks that fulfil national engine emissions standards of more than ten years old. The truck age is calculated starting at the end of the first calendar year, independently of when during the first year the truck was registered.”

IKEA Working Method

Shunting Guideline, Distribution Services, Edition: V1.1, Date: Oct. 2014

Water

Water Conservation

Beginning in 2012, we installed touchless flush valves on toilets, waterless urinals in men’s rooms, POU water heaters in restroom lavatories and a high-efficiency dishwasher in the cafeteria for coffee mugs. In 2014 we made repairs and improvements to our plumbing infrastructure after detecting leaks and over-consumption. These changes have resulted in a decrease of approximately 60% of use or 50,000 gallons per month.

Stormwater Management and Site Design

-In 2014 and 2015 we updated our SWPPP and SPCC. We worked with ERM, <http://www.erm.com/>, to ensure compliance and management of stormwater and spill response BMPs and compliance with regulatory demands. A North American standard was developed and training was rolled out to all sites.

Profile Updated September 2015



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

