

Johnson & Johnson



Johnson & Johnson

Sustainability Highlights

Our Commitment to A Healthy Future

Topics

- Heritage of Sustainability
- Delivering a Healthy Future
- Our Product Stewardship Program
- Earthwards®

Johnson & Johnson

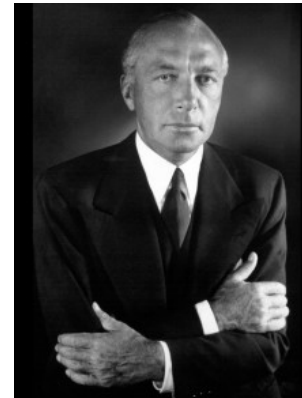
The world's most comprehensive and broadly based manufacturer of health care products, as well as a provider of related services, for the Consumer, Pharmaceutical, and Medical Devices & Diagnostics markets.

- More than 275 operating companies
- More than 127,600 employees worldwide
- Selling products in more than 175 countries
- 3 Segments: Pharmaceuticals, Medical Devices & Diagnostics, and Consumer
- 2012 Sales \$67.2 Billion



Our Continued Path to Sustainability

“We must use our resources wisely, **avoiding waste** of both raw materials and scrap, while we seek substitutes for things already in short supply. We must **employ replaceable materials** where we can, must **let forests restore themselves** as we cut, must **prevent loss and pollution** of water, and must halt wasteful erosion of soil. Means to these ends are known but are now neglected through habit and ignorance of the fact that they pay. **Sound business demands their employment**, just as it demands reduction of waste in a factory or store.”

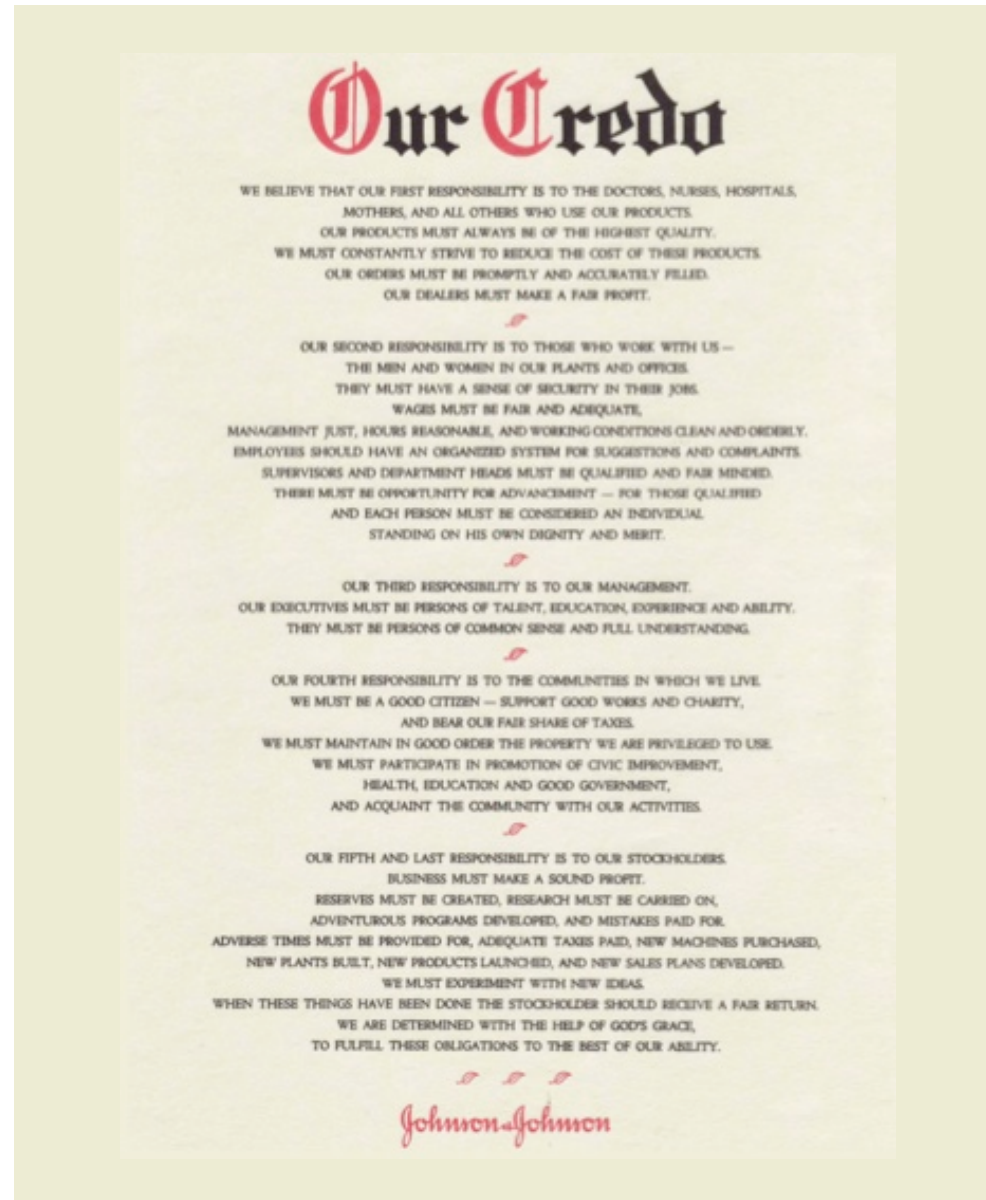


[Or Forfeit Freedom, by Robert Wood Johnson, Doubleday & Company, Garden City, New York, 1947, pp. 37-38]



1943 Our Credo

Robert Wood Johnson
crafted Our Credo
long before anyone ever
heard the terms
“sustainability” or “corporate
social responsibility.”



Recent Successes and Recognition

Johnson & Johnson Operating Companies

- 2012 Johnson & Johnson was ranked #2 in Interbrand's list of the Best Global Green Brands
- 2009, 2010, 2011 & 2012 Practice Greenhealth "Champion For Change" Award
- Ranked #7 on the Top On-site Corporate Solar Users List (the only health care company in the top 20) SEIA
- 2nd year on the Billion Dollar Roundtable for spending with diverse suppliers – still the 1st and only healthcare company to join
- Removed >3,000 tons of PVC from our Packaging
- UN 2011 Humanitarian of the Year Award
- Ranked #2 in the 2012 Access to Medicines Index biennial survey
- The Innothink Center for Research in Biomedical Innovation named J&J the most productive drug firm of the last 10 years
- Ranked #4 for Social Responsibility in the 2013 Harris Poll

Healthy Future 2015

Healthy People



- Research and development for neglected diseases
- Affordable access to medicines
- Advancing community wellness
- Fostering the most engaged, health-conscious and safe employees in the world

Healthy Planet



- Building on our legacy in safeguarding the planet
- Reduce the environmental impact of our operations
- Increase the sustainable design of our products

Healthy Business



- Enhancing outcome measurement in philanthropy
- Partnering with suppliers that embrace sustainability
- Committing to enhanced transparency and accessing the power of external collaboration

Product Sustainability Objectives

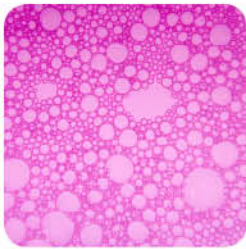
- Increase the amount of Earthwards® products (60 new)
- All new products and packaging evaluated for sustainability improvements (demonstrated by deployment of enterprise-wide and sector product stewardship pathways)

Pathways for Sustainable Packaging

- Use of Sustainable packaging
 - Increase use of sustainably sourced paper
 - Increase use of Post Consumer Recycled content (PCR) for paper & plastic
 - Increase use of bio-based materials
 - Eliminate use of PVC *
 - Increase the recyclability of packaging materials
 - Reduce the size of packaging
- *except for legacy pharm blisters

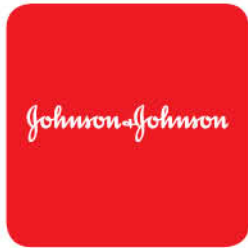
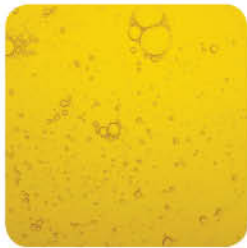
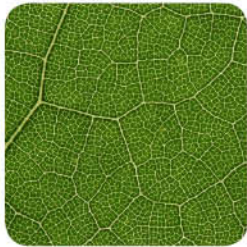
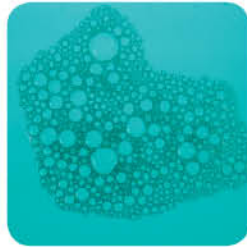
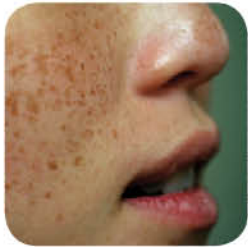
Product Sustainability Pathways

- Source only Certified Sustainable Source Palm Oil
- Increase formula's GAIA score (global product ingredient assessment)
- Remove materials of concern
- Increase energy efficiency of plug in products
- Provide end-of-life solutions to our customers for our products
- Improve process mass intensity index using green chemistry
- Use more environmentally friendly chemicals in production processes

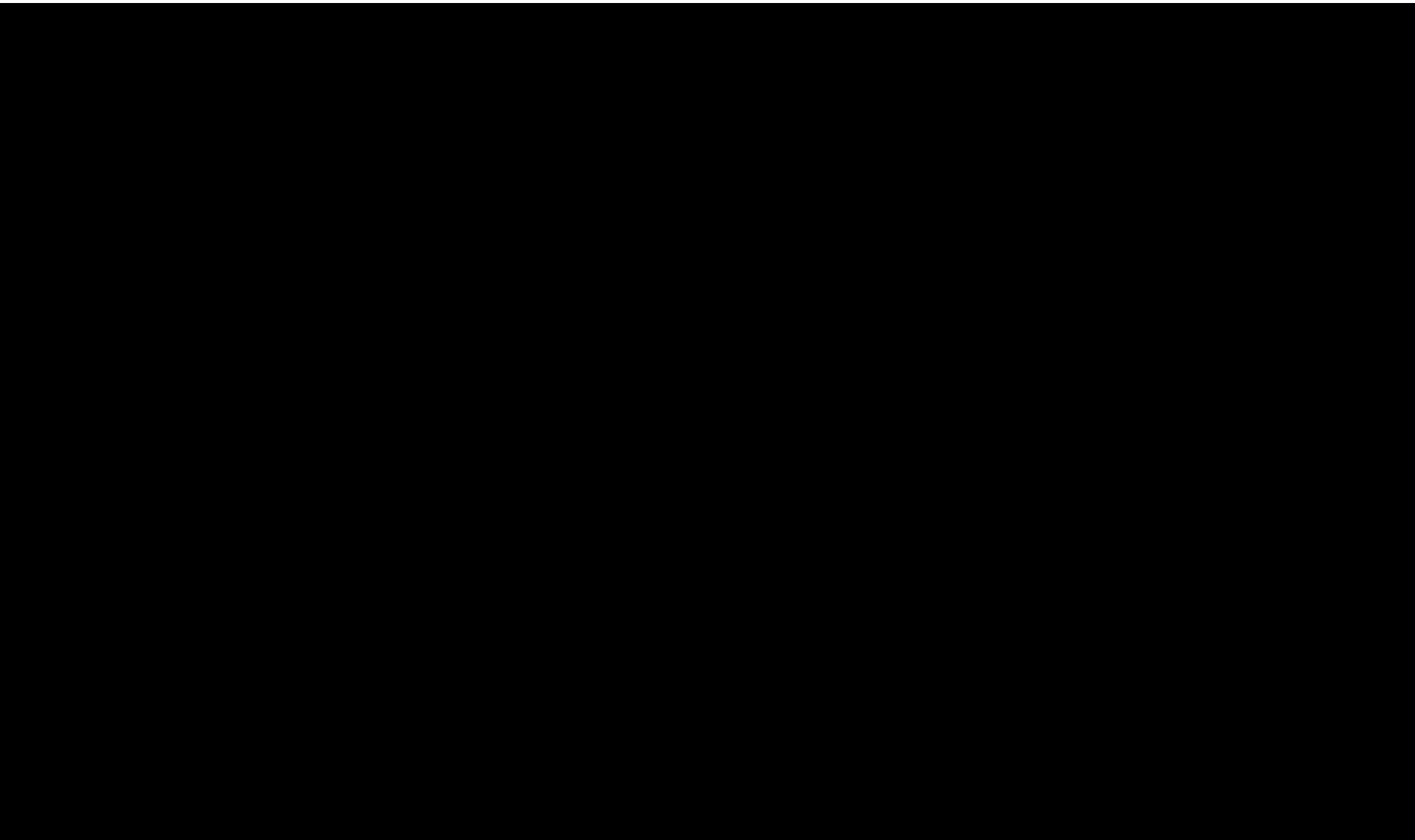


earthwards®

moving towards a healthy future



Video



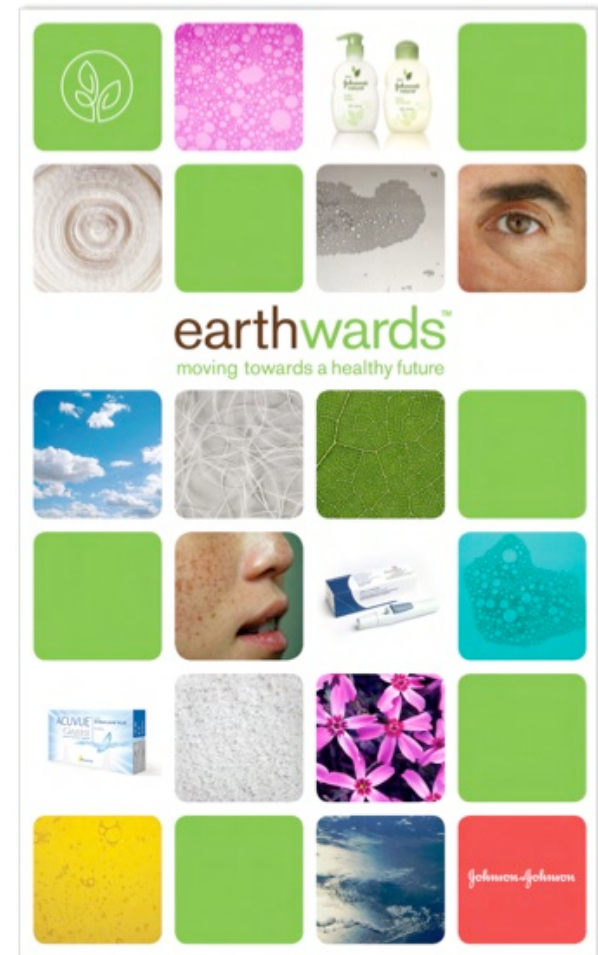
Minimize Our Impact

The EARTHWARDS® Process



EARTHWARDS® Objectives:

- Support the development of more sustainable products
- Provide tools & resources to enable sustainable innovation
- Enable meaningful and credible claims



Earthwards[®] Process



waste



social



innovation



water



energy



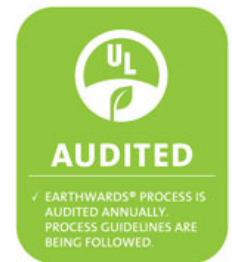
materials



packaging

The EARTHWARDS[®] process has been reviewed by a panel of sustainability experts from government, academia, business, and the environmental NGO community.

A proprietary scorecard was developed to evaluate products in seven key categories that we feel have the most potential for environmental and social impacts.



Earning EARTHWARDS[®] Recognition



To be considered for EARTHWARDS[®] recognition, teams must use the scorecard to take a product through a four-step evaluation process.

Earning EARTHWARDS® Recognition

Teams use the scorecard to go through a four-step process

1. SATISFY PRE-REQUISITES

Teams answer a series of questions that gauge their general understanding of the sustainable attributes of their product:

- What materials are we using?
- Where do they come from?
- What happens to a product after it's used?

Earning EARTHWARDS® Recognition

2. UNDERGO SCREENING

The product undergoes a life cycle screening that examines its environmental impacts and quantifies its improvements in up to seven different categories.

Earning EARTHWARDS® Recognition

3. IDENTIFY IMPROVEMENTS

A product must show three improvements (>10%) across seven categories to achieve EARTHWARDS® recognition.

Earning EARTHWARDS® Recognition

4. SUBMIT FOR REVIEW

Teams then submit a scorecard with their results to a review board of both internal and an external product sustainability expert. The board then determines if the product warrants EARTHWARDS® recognition and provides suggestions for further improvements.

EARTHWARDS® Score Card

Pre-requisites		Achieved
	Know materials, ingredients in your product	
	Identify and plan to address J&J Watch List materials	
	Know where product and packaging end up after use	
	Know whether agricultural or mined ingredients come from culturally or environmentally sensitive regions	
Complete life cycle screen to <i>identify priority goals</i> for the product (see separate screening questions)		
Goals		
Materials	1. Meet consumer need with less material <i>or</i>	
	2. Use more environmentally preferred material (see list) <i>or</i>	
Packaging	3. Meet consumer need with less packaging <i>or</i>	
	4. Use more environmentally preferred packaging material (see list) <i>or</i>	
Energy	5. Make product more energy efficient in use <i>or</i>	
	6. Make manufacturing or distribution more energy efficient <i>or</i>	
Water	7. Make product more water efficient in use <i>or</i>	
	8. Make manufacturing more water efficient <i>or</i>	
Waste	9. Make product with less waste during manufacturing <i>or</i>	
	10. Recover more product, after use, for reuse or recycling	
Results	Achieved all pre-requisites + three other goals?	

ONETOUCH[®] ULTRA[®] Blood Glucose Monitors



- >30% reduction in packaging *
- Use of PCR material in packaging
- Antimony trioxide, a chemical on many materials of concern lists, including California's proposition 65, has been removed from all electrochemical diabetes test strips



*Compared to previous generation of the product



ZYTIGA®

(abiraterone acetate)



- 64% fewer raw materials used by implementing green chemistry to improve the overall yield*
- 78% less water used in synthesis*
- 87% less hazardous waste from synthesis*
- First time that Johnson & Johnson has implemented a wet crystallization and extraction process for an API



* As compared to the previous API synthesis process



AVEENO® PURE RENEWAL™ Shampoo



- Less energy used to transport the final product*
- The makers of AVEENO® invest in programs to educate and engage consumers
- Uses the innovative personal care ingredient NATRASURF™, developed using green chemistry techniques
- Contains ACTIVE NATURALS® Balancing Seaweed Extract



*Compared to previous version of the product



Making Sustainability a Priority Together



Johnson & Johnson

THANK YOU FOR COMING TO NEW BRUNSWICK!