

The Kurabo Group's ongoing environmental and social initiatives



Renewable energy

Kurabo has installed solar power systems at its own plants, including its plants in Tokushima and Mie. It also provides the sites of its former plants to mega-solar facilities.

Zero emissions (Tokushima Plant)

The sludge generated from effluent treatment in the dyeing process is dehydrated, dried, and incinerated. The generated heat is recovered and the incinerated ash is reused as raw material for cement.

Note: The Kurabo Group's definition of zero emissions involves achieving a recycling rate of at least 98%.

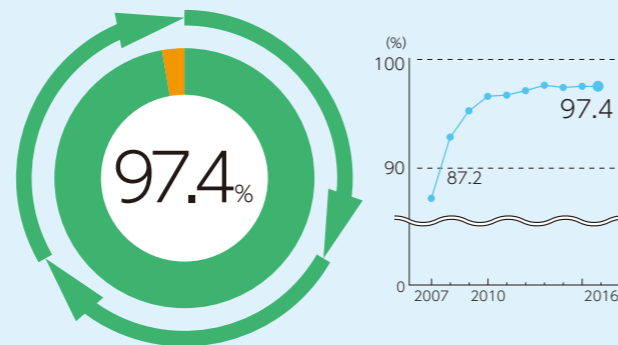
Tokushima Biomass Power Plant

The biomass power plant that Kurabo built in Tokushima combines a fluidized bed boiler and steam turbine, and for fuel it uses timber harvested from forest thinning. The plant generates enough electricity every year to power 11,000 households.

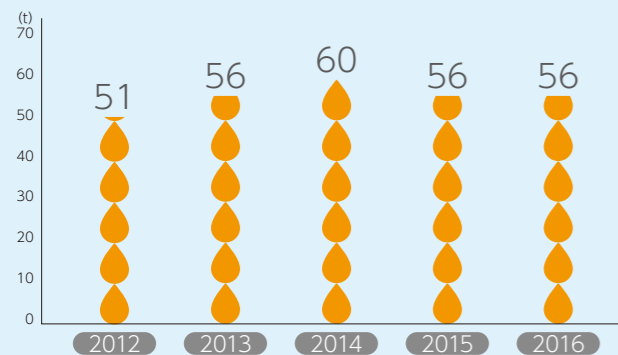
CO₂ emissions



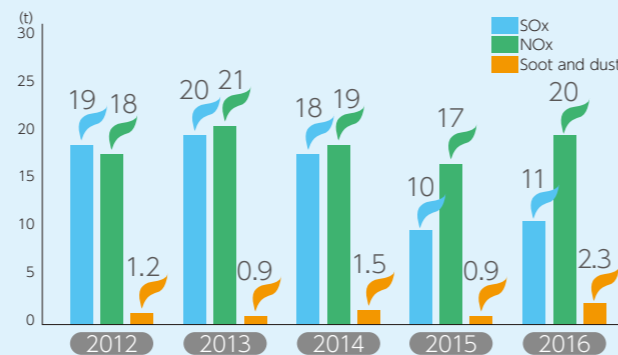
Waste recycling rate



COD (dyeing facilities)



Air pollutants



Kurabo is working to reduce environmental load emissions to prevent air and water pollution. Emissions of air pollutants (SOx, NOx, soot and dust, etc.) and water pollutants (as indicated by the chemical oxygen demand [COD]) remain below the levels mandated by regulations.

Detailed data and the latest information on Kurabo's environmental initiatives can be found in the Environmental Report section of the corporate website.
<http://www.kurabo.co.jp/english/report/index.html>



A sound environment for people and the Earth Kurabo's human-friendly concept

When we make products at Kurabo, we always consider what makes a sound environment for people and the planet. We take two perspectives: that of a manufacturer handling natural materials, and that of the consumer using our products.



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KURABO DENIM
PRIME BLUE

INITIATIVES FOR
SUSTAINABLE
FABRIC PRODUCTION

Reducing environmental burden is our responsibility to society so future generations can enjoy the riches of nature

Kurabo was founded in 1888. Our first two presidents established the company's founding spirit of serving society. Ever since then, we have focused on CSR (corporate social responsibility), particularly in the area of environmental conservation. This dedication can be seen in the production of Kurabo Denim. In making the fabric, we use a strong network of companies specialized in each step of the process. All of these companies carry out environmentally friendly business activities such as reducing CO₂ emissions, pursuing zero emissions, and reusing waste fabric. Kurabo will continue to bring together its knowledge and experience and actively seek technological innovation, so that we can reduce our environmental burden and fulfill our responsibilities to society as a manufacturer.

Haruya Fujita President



Kurabo Denim Prime Blue

Kurabo was among the first companies in Japan to make denim fabric. Its history as a denim manufacturer spans nearly 50 years. As a pioneer in denim production, Kurabo is constantly honing its technologies. We lead the way in satisfying the changing needs of customers worldwide, and in coming up with denim material that offers new value. The latest embodiment of this is Kurabo Denim Prime Blue.



• 1888

Kurabo founded as a spinning company.

• 1970

Launches jeans denim business.

• 1973

Releases KD-8, the first denim made in Japan.

• 1996

Tokushima Plant completed, equipped with state-of-the-art dyeing facilities.

• 2015

Releases Kurabo Denim Prime Blue.

Learn more at >> <http://kurabo-denim.com/>

Sustainable denim production process



Spinning



Kurabo has established a unique spinning technology that makes effective use of waste material from the fabric production process, which was previously discarded. We do everything we can to reduce our environmental burden every step of the way.



Environmentally friendly products



Return Cotton

Kurabo's Return Cotton comes from various types of unused fiber (such as waste cotton) generated during cotton spinning. It's an eco-friendly material recycled using Kurabo's unique technology—ideal for today's recycling-oriented society.



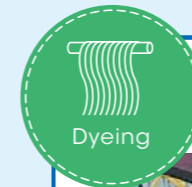
LOOPLUS

LOOPLUS is a Kurabo sustainability project running under the motto, "Reborn from wasteful to useful." Under this project, sewing off-cuts that would normally be discarded are instead used as raw material for new products.

organic cotton

Organic Cotton

This cotton is grown on officially certified farmland where production has been pesticide-free for at least three years. The aim is to minimize unwanted health effects and the environmental burden.



Dyeing

Sakamoto Denim Co., Ltd.



Sakamoto Denim has in place an environmentally friendly dyeing process. Its unique dyeing system minimizes the environmental burden by reducing heat waste and by effectively processing effluent generated during rope dyeing.

Eco Dyeing

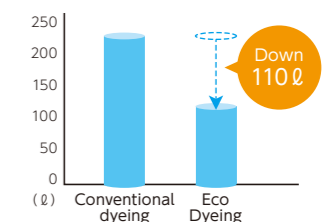


Eco Dyeing with electrolyzed water reduces the environmental burden during the dyeing process. It's an original dyeing system that significantly reduces the amount of cleaning chemicals and hot water used.

Eco Dyeing benefits

- Less cleaning chemicals and bleach
- Less water
- Less fuel
- Less CO₂ emissions
- Less sludge

Reduction in fuel oil (Bunker A) via Eco Dyeing (approx. 40 rolls of fabric)



Weaving

Shinohara Textile Co., Ltd.

Recycling waste fabric

Shinohara Textile provides local companies with waste denim fabric for use in workshops.



Finishing

Kotosen Ltd.

Reducing fuel use

Kotosen uses high-efficiency heat exchangers that are able to recycle heat power. This reduces combustion in the boilers, which in turn leads to less CO₂, NO_x, and SO_x emissions.