Sustainable Textile Services

for

Brands & Retailers and their Industry Partners

Mill Improvement Project

We set up **key performance indicators** with textile mills to **track the performance** in the areas of **desired improvement**.

The table below shows the actual results:

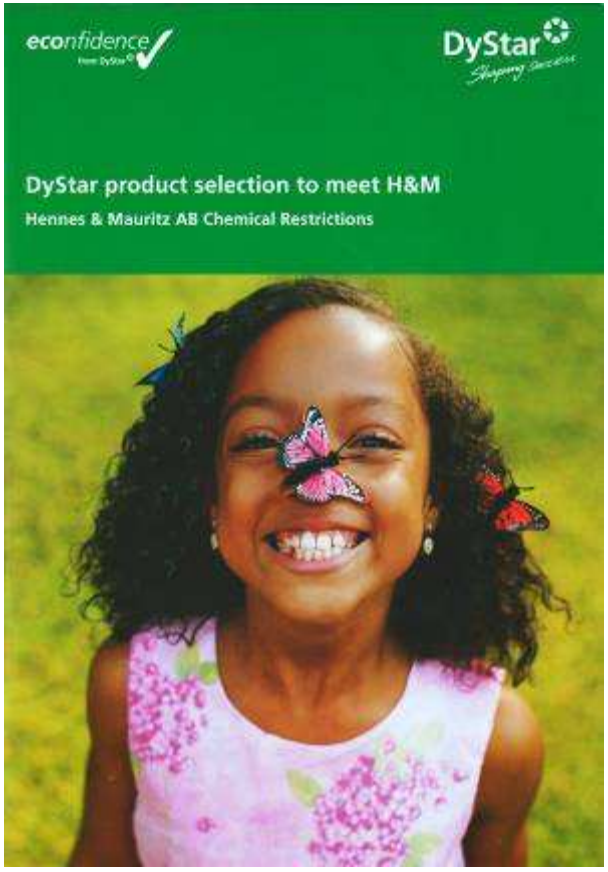
Mill Key Performance Indicator	% Reduction (within 9 months)
Water Consumption (Liter/Kg of Fabric)	**-25%**
Redyeing (%)	**-23%**
Centre to Selvedge problem (%)	**-80%**
Waste Production (metric tons)	**-46%**

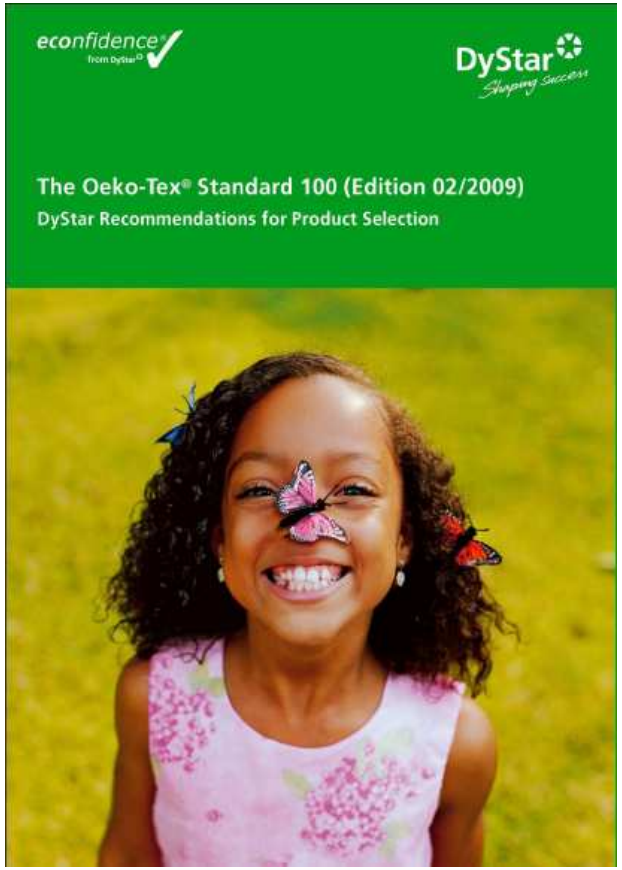
The majority of these reductions were achieved within the **first two months!**

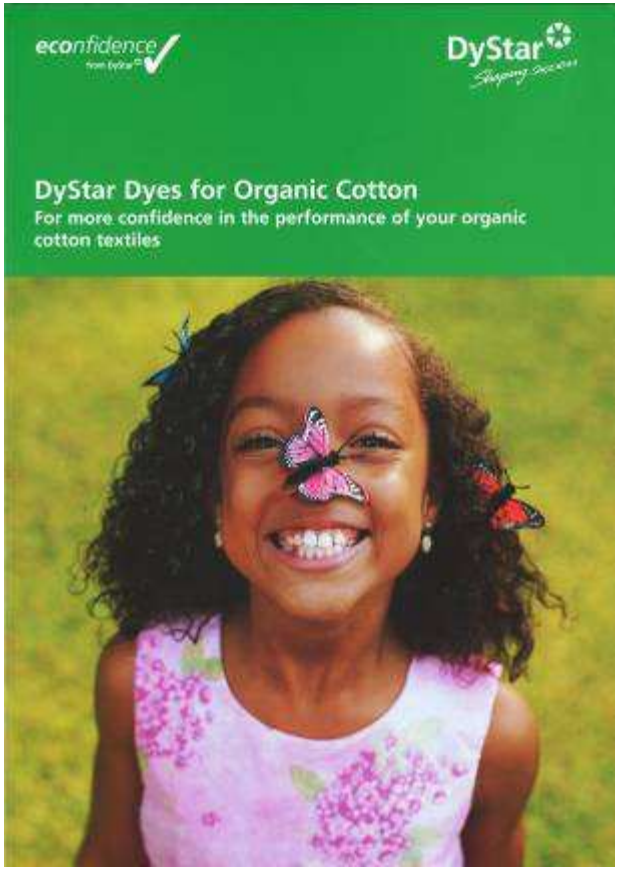
Note: Actual results from a CPB dye-house producing 1,500,000 meters of fabric per month production of cellulosic material

RSL Development Project

DyStar has released several **recommendations** for **Brands & Retailers**, **Industry organizations** and **specific product groups**, to support **sustainable textile production** that is meeting **quality and eco-requirements**







Chemical Management Improvement Project

We performed an **assessment** on identified **textile mills** and their **level of compliance to a specific Brand RSL** to identify **current status** and **areas of desired improvement**.

The chart below shows actual results:

Note: Actual results from Mill Compliance to Brand RSL

Environmental Improvement Project

We set up **key performance indicators** to assess the textile mill's **current process** and compared this to an **ideal process** to show the **possibilities for reduction** of the **environmental footprint** of a textile mill.

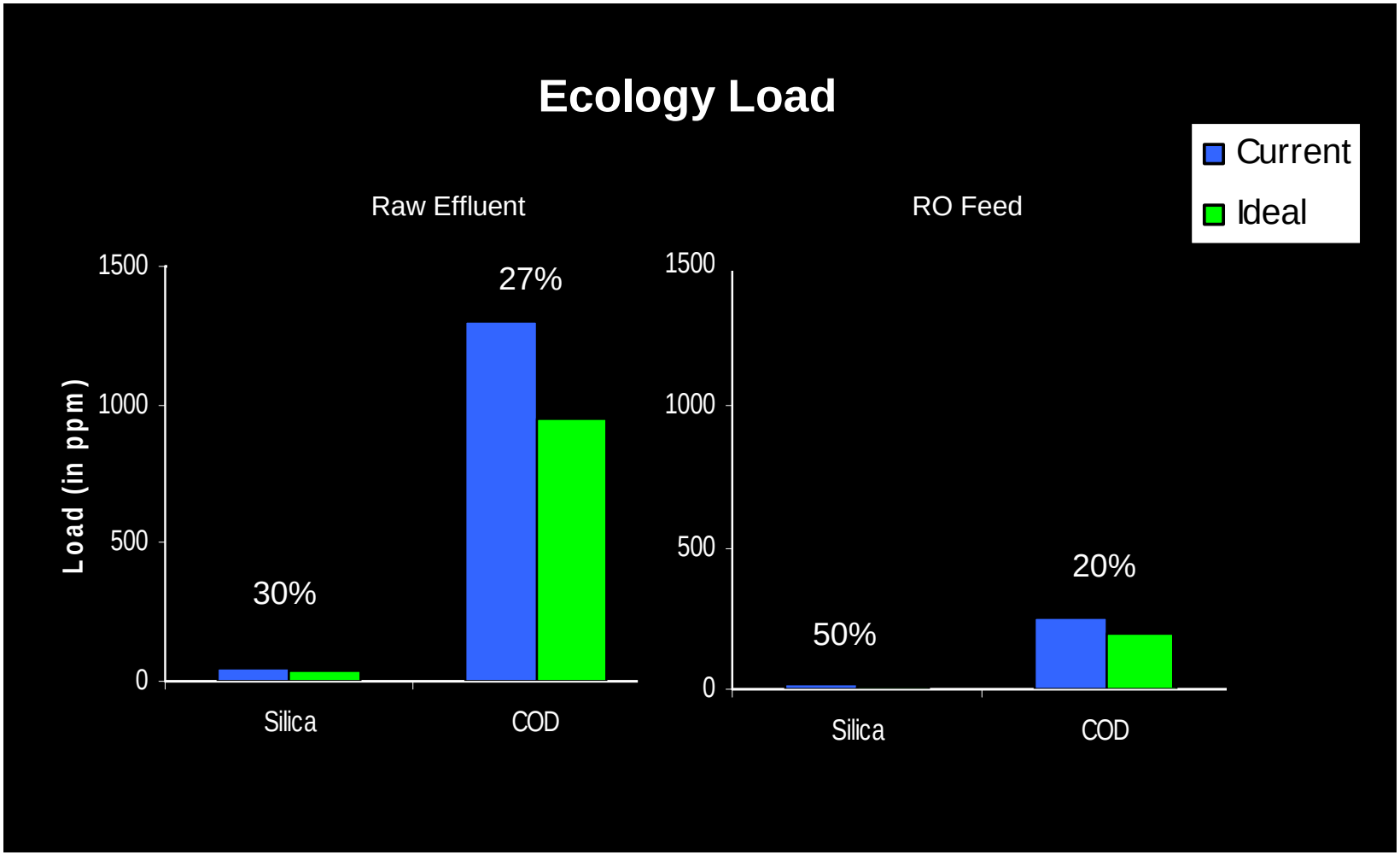
The following tables show the actual saving differences:

Ecology Load	% Savings	
	Raw Effluent	RO Feed
Silica	30%	50%
COD	27%	20%

Water Consumption	% Savings
White	88%
Light	87%
Medium	83%
Dark	75%
Extra dark	75%

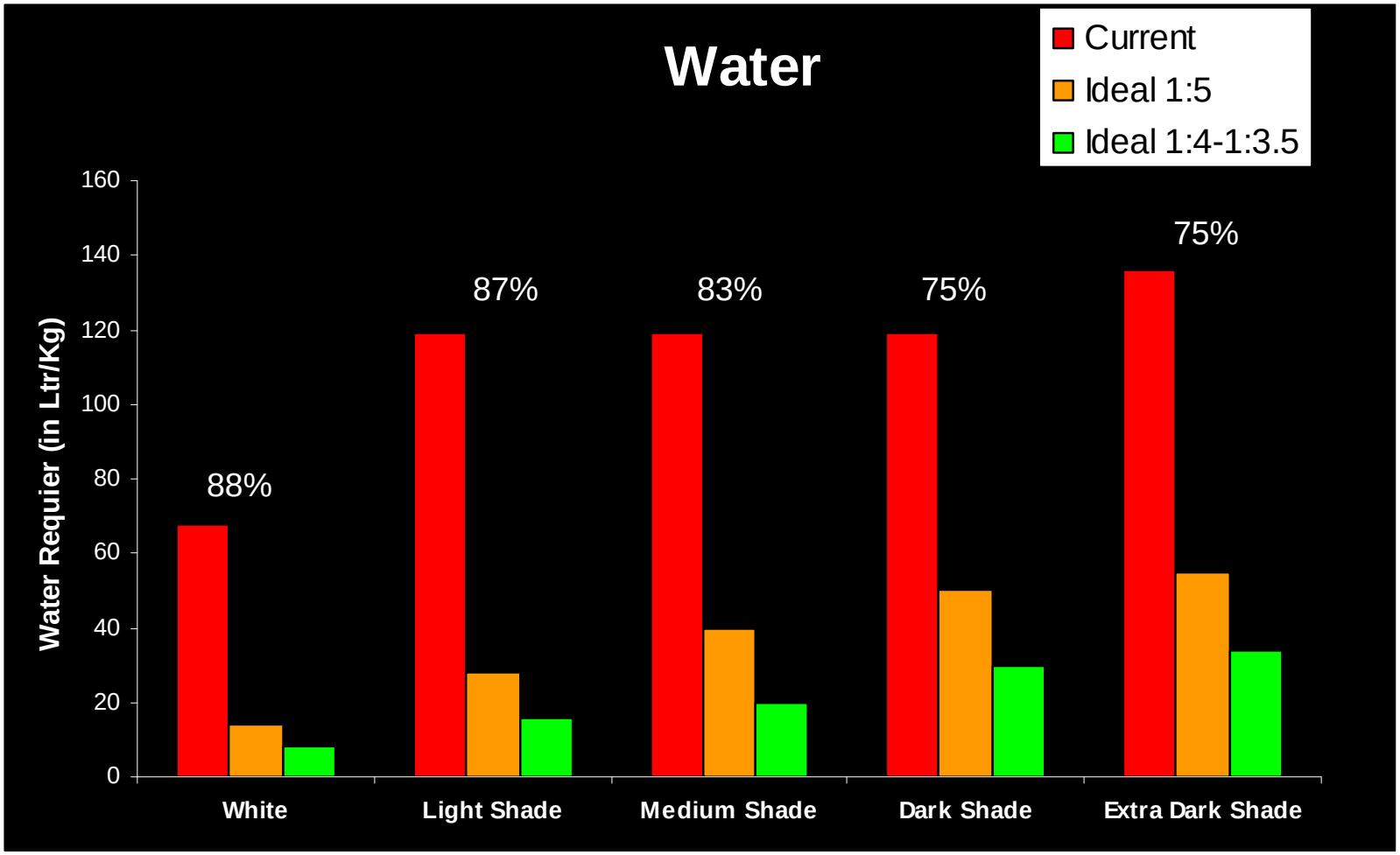
Note: Water Consumption Savings: actual results from mill running Exhaust process with Thies Machines of 10t /d capacity

Ecology Load Improvement



Note: the obtained savings are specific to type of machine and process followed

Water Consumption Improvement



Note: the obtained savings are specific to type of machine and process followed