FILIPPAK our way to long-term sustainable success

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"Inspired by my own needs and of those around me,

I set out to build a brand that had **Substance** and truth,

not dependant on the superficial trends of the fashion industry."

- Filippa Knutsson

FASHION WHERE SUSTAINA-BILITY IS THE GUIDE TO GROWTH

Long lasting simplicity

If we want fashion to stay relevant and aesthetic, inside and out.

We must be personal, simple and long lasting.

Ecosystems are our inspiration. Planetary boundaries are key, not limitation. Sustainability is our guide to growth.

We are dedicated to a carefully curated wardrobe built on personal style, and to circular design with a holistic approach to business. How we do something is how we do everything. What we do is long lasting.

SLCA – together with the natural step





STWI IS A BRAND INITIATIVE





STWIS EVOLUTION



STWIS OUTPUTS

Capacity Building and technical support on Resource Effeciency, RRRs

Global data benchmarking, research and business intelligence

Improved governance and regulatory framework of industrial water resoruces

Global platform to accelerate the momentum of adoption of industrial sustainable practices and formats

STWI GROWTH & RESULTS

Brands	Year	# Factories	Water Saved Annually	Water Saving KPI (L/KG)	Factory ROI (%)	Annual Project Size in USD, including investments (% Private funding)
30	2013	34	350 KCM	6.6%	765	640K (60%)
30	2014	42	400 KCM	7.1%	120	740K (70%)
30	2015	72	2.5 MCM	6.8%	90	3.5M (80%)
30	2016	120	4 MCM	7%	80	3.5M (90%)

ANNUAL SAVINGS (AS PER 2016: 120 FACTORIES)



- = Daily need for **80 Million people***
- = Annual need for 219,000 people*
- *based on the UN Human Right to Water minimum: 50 Liters per day per capita



MOST POPULAR PROJECTS

		Bangladesh	China	Ethiopia	India	Turkey
٥	Water	Optimization of domestic plumbing (51%) Rainwater harvesting (11%) Recycling of ETP / STP discharge (11%) Water trigger nozzle installation (11%)	Measurement & monitoring systems (36%) Wastewater treatment optimization (16%) Process optimization (13%) Condensate recovery system (13%)	Final bath recovery (44%) Wastewater treatment optimization (22%)	Recycling of ETP / STP discharge (21%) Process optimization (16%) Final bath recovery (8%) RO reject reuse (8%)	Optimization of domesti- plumbing (24%) Process optimization (24%) Optimization of process machinery (19%)
5	Electricity	VFD installation (20%) LED/T5 installation (16%) Efficient motors (14%) Optimization of lighting arrangement (11%)	Measurement & monitoring systems (17%) Up-gradation of machinery (13%) Servo voltage stabilizer installation (10%) Optimization of lighting arrangement (10%)	Measurement & monitoring systems (50%) Power factor correction (50%)	LED installation (17%) Optimization of lighting arrangement (16%) Efficient motors (12%) Power factor correction (12%)	Optimization of compressed air (25%) Optimization of lighting arrangement (16%) LED installation (8%)
٥	Thermal	Optimization of boiler operation (26%) Maintenance of steam traps (20%) Condensate recovery system (16%) Insulation of thermal utilities (16%) Waste beat recovery (16%)	Insulation of thermal utilities (42%) Maintenance of steam traps (14%) Optimization of process machinery (9%)	Optimization of boiler operation (44%) Waste heat recovery (44%)	Optimization of boiler operation (36%) Maintenance of steam traps (17%) Condensate recovery system (10%) Waste heat recovery (10%)	Optimization of boiler operation (34%) Insulation of thermal utilities (26%) Condensate recovery system (10%) Waste heat recovery (10%)
	Chemicals	Up-gradation of process machinery (56%) Process optimization (33%) Caustic recovery plant (11%)	chemical Management (57%) Up-gradation of process machinery (17%) Optimization of process machinery (9%)	Recovery of salt (100%)	Wastewater treatment ontimization (54%) Process optimization (29%) Chemical Management (11%)	Note: Turkey has project with chemical saving, however those projects also save other resource:

FINANCIAL RETURNS 2016





5 countries covered in STWI

119 factories

20 brands with factories in the program 10 brands in learning platform Support from Swedish Government Partnerships with government and academic Institutions in all five countries



3.35 Million Cubic Meter Saved annually = 1 days need for 67 million people = annual need for 183,000 people 6% Reduction in total water use 7.3% Reduction in water per KG textiles



Electricity use reduced by 27650006 KwH (2.76%) Thermal use reduced by 553748 Giga Jules (7%) Energy use per KG textile reduced by 24.22 Mj/Kg (14.57%)



Total chemical reduction is **5.2 million KG**. (**3.37**% of total chemical use) Total chemical reduction per KG production is **294 grams/kg (9.55%) 68%** Factories with resource monitoring system installed and used **77%** improvement in legal compliance



15930 workers trained through 13 workshops and 4 awareness sessions 176 top management executives trained 162.9 Million SEK invested by factories with 20 month payback time (240% ROI in 3 years) 88.9 Million SEK saved by factories in operational costs 831% private capital mobilsed for public investments by Sida



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RESULT FILIPPA K 2016

Annualised Resource Savings achieved					
11 Factories in China	Annualised Resource Savings achieved				
	Garment		Wet Processing		
Water (m ³)	-		771,043	Equivalent to water requirement for 800,000 people per day	
Electricity (MWh)	-		4,580	Equivalent to electricity requirement for 60,000 households per day	
Thermal Energy (GJ)	-		145,480	Equivalent to 1000 tons of oil equivalent	
Steam (tonnes)	-		5,704		
Chemicals (tonnes)	-		623.7		
Greenhouse gases (tons CO2e)			14,600		

FILIPPA K

Fair Wear Foundation 2008 Swedish Chemical Group Swedish Textile Water Initiative (STWI) 2010 Svensk Handel Animaliska Rättigheter Swedish Shoe Environmental Initiative (SSEI) 2015

Branch Diaolog Kemikalie Inspektion Mistra Future Fashion Steering Commitee Project of chemical Forward Learning Project Spill till Guld Project Mistra Future Fashion Micro Fiber

THANK YOU