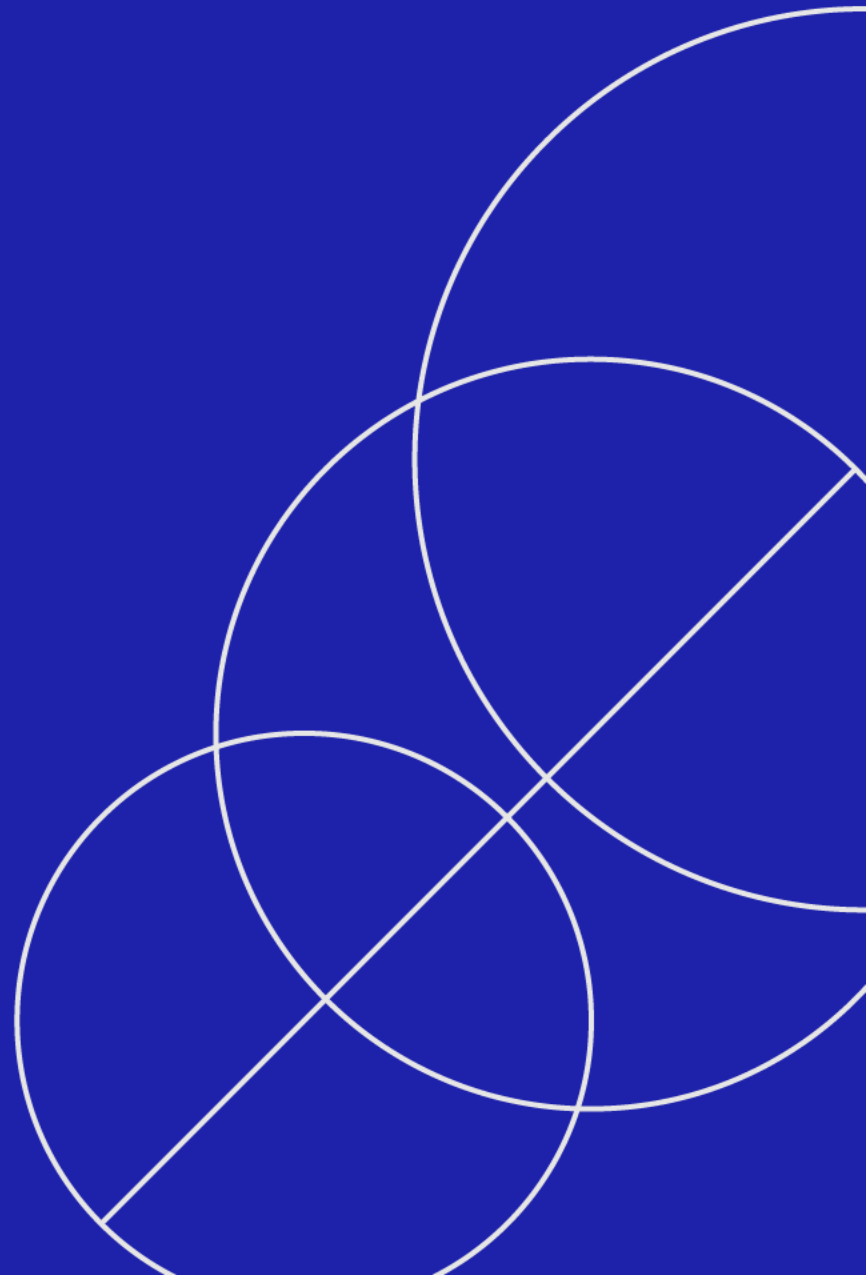
CREATE
THE FUTURE

HIRDARAMANI



MEN'S CIRCULOSE JEAN

- FABRIC COMPOSITION: 67% COTTON + 33% VISCOSE (VISCOSE MADE WITH 50% CIRCULOSE
- FABRIC SPECIALITY: CIRCULOSE, PURE INDIGO, PIW
- WASH SPECIALITY: SUSTAINABLE WASH (STONE-FREE ENZYME)

SUSTAINABLE FABRIC

SUSTAINABLE WASH

RECYCLED WATER

PURE INDIGO

CIRCULOSE

PIW

HIRDARAMANI

MEN'S ECOGOLD JEAN

HIRDARAMANI

- FABRIC COMPOSITION: 81% COTTON, 12% ECO GOLD, 5% PCW, 2% SPANDEX
- FABRIC SPECIALITY: ECO GOLD, PCW
- WASH SPECIALITY: SUSTAINABLE WASH (LASER, LASER BOOSTER, SYNTHETIC STONE, GREEN ENZYME, ECO SOFTENER)

SUSTAINABLE FABRIC

SUSTAINABLE WASH

ECOGOLD

PCW

RECYCLED WATER

MEN'S CLEANKORE JEAN

HIRDARAMANI

- FABRIC COMPOSITION: 64% COTTON, 35% RECYCLED COTTON, 1% ELASTANE
- FABRIC SPECIALITY: CLEANKORE TECHNOLOGY.
- WASH SPECIALITY: SUSTAINABLE WASH (LASER, LASER BOOSTER, SYNTHETIC STONE, GREEN ENZYME, ECO SOFTENER)

RECYCLED WATER

SUSTAINABLE FABRIC

SUSTAINABLE WASH

CleanKORE
The Dyeing Process...Redefined

WOMEN'S BOTANICAL DYED JEAN

HIRDARAMANI

- FABRIC COMPOSITION: 100% COTTON
- FABRIC SPECIALITY: BOTTANICAL DYE (BOTANICAL COLOURS PROVIDE DYES TO NATURAL DYES & FASHION BRANDS THAT ARE SUSTAINABLE, ENVIRONMENTAL FRIENDLY & SUPPORT FARMING COMMUNITIES)
- WASH SPECIALITY: SUSTAINABLE BOTANICAL DYE

SUSTAINABLE FABRIC

SUSTAINABLE WASH

WOMEN'S HEMP JEAN

HIRDARAMANI

- FABRIC: 79% COTTON, 20% HEMP, 1% SPANDEX
- FABRIC SPECIALITY: HEMP (ZERO CHEMICAL PESTICIDES, REQUIRES 75% LESS WATER)
- WASH SPECIALITY: SUSTAINABLE WASH (LASER, LASER BOOSTER, SYNTHETIC STONE, GREEN ENZYME, ECO SOFTENER)

SUSTAINABLE FABRIC

SUSTAINABLE WASH

HEMP BLEND

RECYCLED WATER

WOMEN'S OPTICAL PATCHWORK JEAN

HIRDARAMANI

- FABRIC COMPOSITION: 100% COTTON
- FABRIC SPECIALITY: CHEESEBOARD DESIGN BY DOBBY FABRIC
- WASH SPECIALITY: SUSTAINABLE WASH (GREEN CHEMICAL & RECYCLED WATER)

SUSTAINABLE WASH

OPTICAL PATCH WORK

RECYCLED WATER

SUSTAINABILI-TEA

BENEFITS

BIODEGRADABLE
- TEA DYES ARE BIODEGRADABLE AND DISPOSING THEM DOESN'T CAUSE POLLUTION.

VERTICAL SUPPLY CHAIN
- THE TEA IS SUPPLIED THROUGH A VERTICAL SUPPLY CHAIN.
- REDUCE CARBON FOOTPRINT.

RENEWABLE
- OBTAINED FROM RENEWABLE RESOURCES THAT CAN BE EXTRACTED WITHOUT HARMING THE ENVIRONMENT.

PROPERTIES
- THE TEA DYE HAS A UNIQUE SMELL.

ENVIRONMENT
- LESS ENERGY CONSUMPTION.
- NO HAZARDOUS CHEMICALS.

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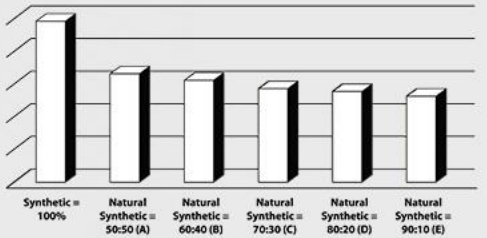
ECO HUES

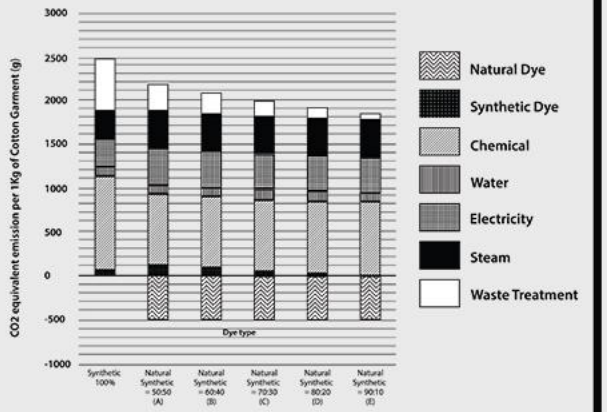
TEA DYE / TEA TIE DYE

ECO HUES SUSTAINABILITY

CARBON FOOTPRINT • CARBON FOOTPRINT •



75% CARBON FOOTPRINT REDUCTION IN COTTON AND 37% IN NYLON



PROCESS

GARMENTS ARE PRE-TREATED WITH THE LIGAND SOLUTION →

THE PRE-TREATED GARMENTS ARE THEN TREATED WITH NATURAL DYE SOLUTION →

THE GARMENTS ARE THEN RINSED, DRAINED & DRIED →

← THE TEA DYED FABRIC IS PRODUCED WITH A FIXED COLOUR & UNIQUE SMELL

WATER CONSUMPTION + ENERGY CONSUMPTION

15% - 50% REDUCTION OF WATER CONSUMPTION AND DYING TIME

YES ☑ NO ☐

ECO HUES

MINERAL DYE

HIRDARAMANI

ZETATERRA LETS YOU GET MORE INTENSE & BRIGHTER SHADES THAN OTHER VEGETABLES OR ANIMAL DYES THANKS TO THEIR CHEMICAL PROPERTIES.

HIGH COLOUR FASTNERS ARE THE GREAT OUTCOME OF A LOW ENVIRONMENTAL IMPACT DYEING PROCESS.

- 50°C MAXIMUM PROCESS TEMPERATURE
- LOW ENERGY CONSUMPTIONS
- EASY WASTEWATER TREATMENT

NANO SPRAY
WATERLESS DYEING

HIRDARAMANI

WATERLESS DYEING USES THE EXACT AMOUNT OF DYES, CHEMICALS & WATER THAT GARMENT NEEDS, RESULTING IN ZERO WASTEWATER. WHILE GIVING A WHITE SEAMS EFFECT ON BOTH COTTON & POLYESTER

PROCESS

PRE-TREATMENT → WATERLESS DYEING TAKING THE WEIGHT OF DRIED GARMENTS INTO ACCOUNT

↓

FIXING → SOFTENER

COOL PIGMENT

AN ECO- FRIENDLY METHOD WHERE THE FABRIC IS DYED AT ROOM TEMPERATURE WHICH REDUCES THE HEAT ASPECT OF OTHER DYEING METHODS, THUS SAVING ENERGY USED FOR THOSE PROCESSES. THIS METHOD ALSO USES LESS WATER.

NOTE: COLOUR RANGE IS LIMITED BUT LIGHTER, MUTED HUES CAN BE ACHIEVED.

HIRDARAMANI

TEA PIGMENT

TEA INK PRINT

HIRDARAMANI

30S/1 CVC 60% COTTON, 40% POLY
SINGLE JERSEY

IT DISSOLVES IN WATER COMPLETELY & HAS STRONG STABILITY, VALUE & PROPERTIES.

TEA PIGMENTS HAVE BEEN DEVELOPED BY PULVERIZING TEA LEAVES.

BY MIXING ORGANIC PIGMENTS, PASTEL COLOURS CAN BE PRODUCED.

PROCESS

THE NEW BLACK - CHARCOAL INK

HIRDARAMANI

- NATURE COATINGS TRANSFORMS WOOD WASTE INTO HIGH PERFORMING BLACK PIGMENTS.
- THE WOOD WASTE IS FSC^{tm} CERTIFIED SOURCES.
- THE MANUFACTURING PROCESS IS CLOSED-LOOP & A CIRCULAR SYSTEM. THE PROCESS EMITS NEGLIGIBLE AMOUNTS OF CO2 AND OTHER GREENHOUSE GASES.
- THEY ARE COST COMPETITIVE. THEY ARE EASY TO USE WITH EXISTING EQUIPMENT AND WATER-BASED FORMULAS.
- THEY STAY FAR AHEAD OF ANY GLOBAL RESTRICTED SUBSTANCE LIST, KNOWN AS RSLs.
- THESE PIGMENTS DO NOT FADE IN THE SUN & DO NOT "BRONZE" OR TURN BROWN AT HIGH/LOW CONCENTRATIONS.
- THE INK IS APPLICABLE FOR SCREEN & ROTARY PRINTING.

FABRIC TYPE - SINGLE JERSEY
YARN COUNT - 305/1
COMPOSITION - 60% COTTON, 40% POLY
GSM - 150

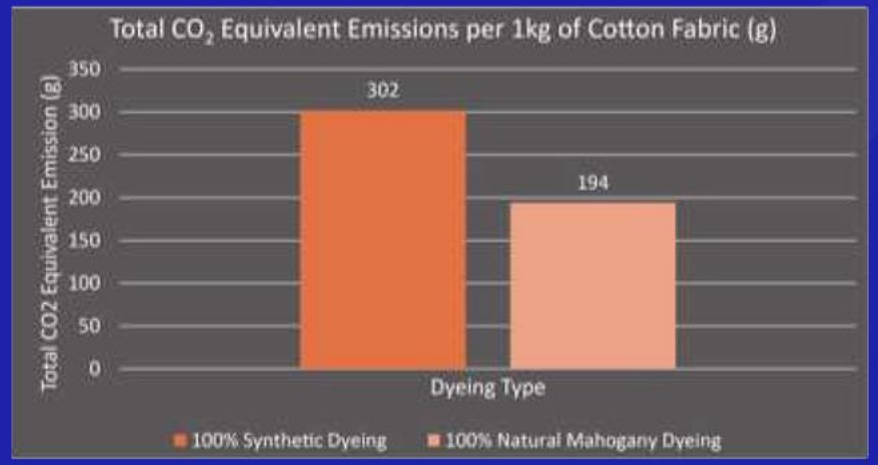
FABRIC TYPE - FLEECE
COMPOSITION - 60% COTTON, 40% POLY
GSM - 235

ECO HUES

MAHOGANY DYE

FABRICE DYEING USING NATURAL DYE EXTRACTED FROM MAHOGANY BARK IS AN ECO-FRIENDLY PROCESS WHICH CONTRIBUTES TO BOTH PROCESS AND PRODUCT SUSTAINABILITY.

HIRDARAMANI



POSITIVE ENVIRONMENTAL IMPACT = 36%

Cotton Bonded Tee
in Mahogany Dyed Fabric.

Boxy Crop Tee With AOP
Using Mahogany Ink.

CYCLO

POST CONSUMER RECYCLED COTTON

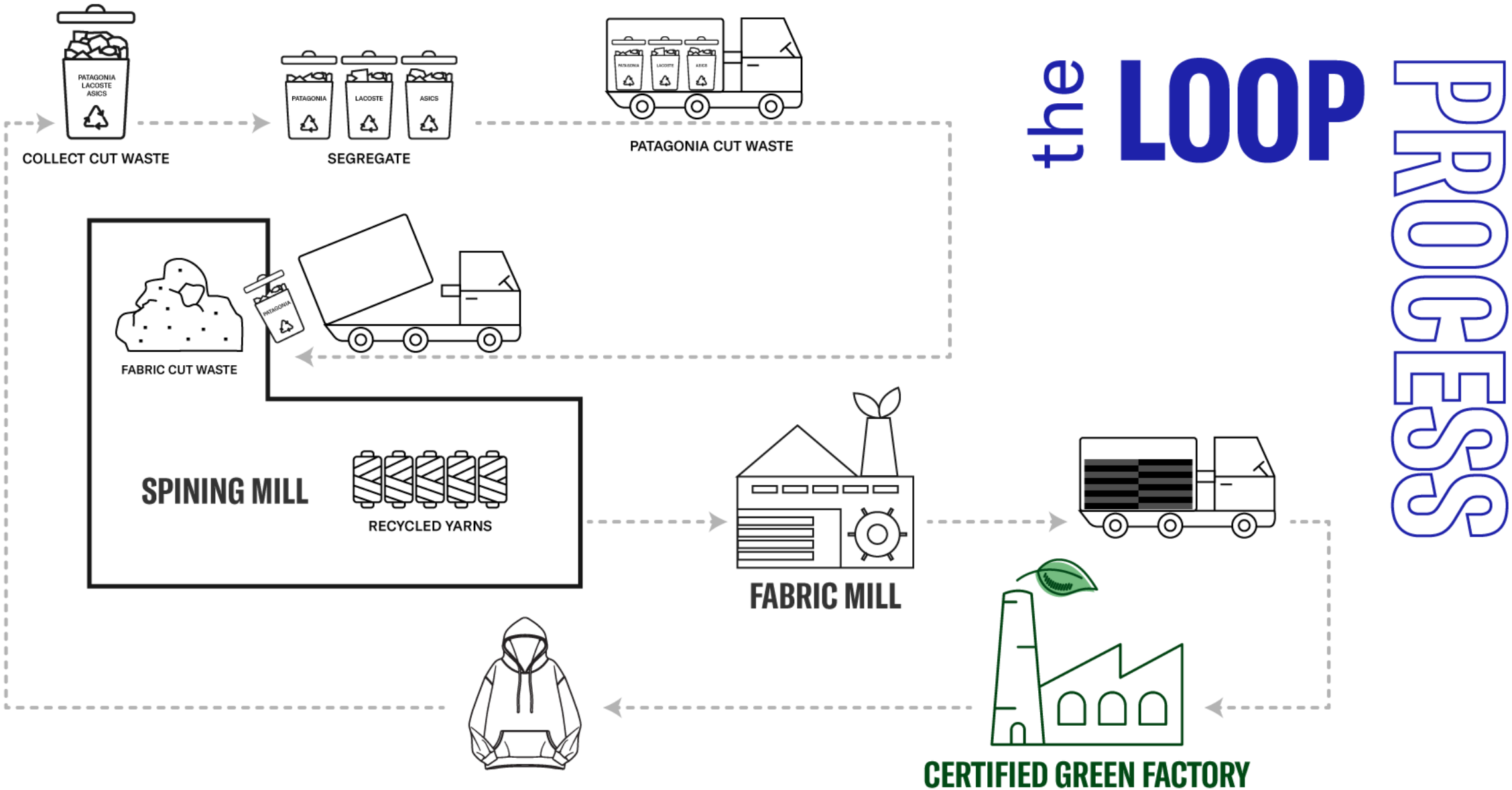
HIRDARAMANI

50% Recycled CTN,
50% Recycle Poly
Loop Back - Cyclo Fabric

50% Recycled CTN,
50% Recycle Poly
Single Jersey - Cyclo Fabric

CYCLO RECYCLED FIBER^{tm} RECYCLES TEXTILE WASTE FROM GARMENT MANUFACTURERS, BY COLLECTING, SORTING, DECOMPOSING & RE-SPINNING THE FIBERS INTO HIGH-GRADE, COMMERCIALLY USABLE YARN WITHOUT THE USE OF WATER, CHEMICALS OR DYES.

the LOOP PROCESS



THE LOOP PROCESS

HIRDARAMANI

- MINIMISING CARBON FOOTPRINT
- MINIMISING OUR MATERIAL FOOTPRINT
- SUPPORTING OUR LOCAL COMMUNITIY
- BEST SOLUTION FOR OUR WASTE GENERATION

HEMP

HEMP FABRIC IS MADE FROM A CROP OF CANNABIS SATUVA FAMILY. IT IS CATEGORIZED GLOBALLY AS A SUSTAINABLE FABRIC. THE HEMP FIBERS ARE KNOWN TO BE ONE OF THE MOST DURABLE AND VERSATILE OF NATURAL FIBERS. AS HEMP IS ORIGINALLY ROUGH TO THE TOUCH, BLENDS HAVE BEEN COUPLED WITH THIS FIBER TO ATTAIN A SOFTER TOUCH. WITH NEW TECHNOLOGICAL IMPROVEMENTS HEMP CAN BE ADAPTED INTO ANY TYPE OF FABRIC FROM WOVEN AND KNIT TO FURS.

BENEFITS OF HEMP FABRIC:

- CARBON NEGATIVE
- DURABLE & LONG LASTING
- HIGHER TENSILE STRENGTH THAN OTHER FIBERS
- HIGH YIELD CROP THAT IS SUSTAINABLE & RENEWABLE
- ENTIRE PLANT CAN BE USED FROM SEEDS TO LEAVES
- PESTICIDE-FREE FARMING METHODS

HIRDARAMANI

ECO-FRESH

ECO FRIENDLY YARN

ECO FRESH IS AN INNOVATIVE GREIGE MELANGE YARN THAT GIVES A VARIETY OF STYLES AND COLOUR GRADATIONS TO THE FABRIC. IT HAS EXTRAORDINARY ENVIRONMENTAL FRIENDLY PERFORMANCE DUE TO THE FACT THAT THE DYEING METHOD IS REFINED TO ABSORB AND FIX WITHOUT USING ANY SALT OR ALKALI.

WATER, STEAM AND ELECTRICITY CONSUMPTION IN THIS FABRIC IS REDUCED BY 20% COMPARED TO THE NORMAL METHOD OF PRODUCTION.

HIRDARAMANI

COLOUR LASER PRINTED SHORT

HIRDARAMANI

- FABRIC COMPOSITION: 97% COTTON, 3% LYCRA
- SPECIAL REMARKS:
  - ARTISTIC VINTAGE PRINT AESTHETIC
  - VERY LOW MINIMUMS ON PRINTS
  - ABILITY TO MIMC DIFFERENT WASH EFFECTS WITH REPETITION
- WASH PROCESS: REACTIVE DYE -> COLOUR SPRAY -> LASER -> ENZYME SOFTENER

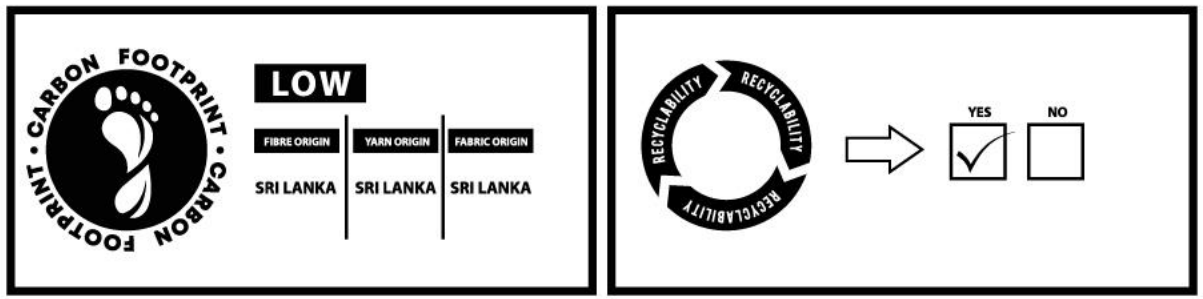
PARLEY OCEAN PLASTIC POLY HOODED VEST

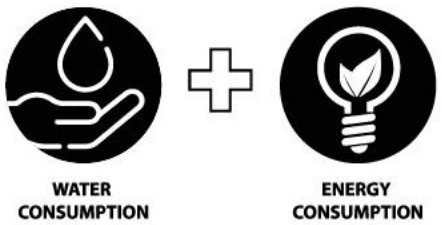
- FABRIC COMPOSITION: 100% RECYCLED OCEAN PLASTIC FROM PARLEY
- SPECIAL REMARKS: PARLEY OCEAN PLASTIC IS MADE OF INTERCEPTED AND UPCYCLED MARINE PLASTIC DEBRIS

PARLEY

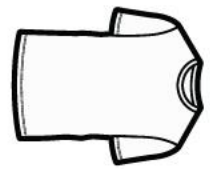
HIRDARAMANI

SRI LANKA HAS BEEN GROUPED WITH OTHER POPULOUS NATIONS SUCH AS INDONESIA, PHILIPPINES, VIETNAM AND CHINA AS THE BIGGEST PLASTIC POLLUTERS.
IT IS ALSO FOUND THAT THE COUNTRY GENERATES OVER 5 MILLION KILOS OF PLASTIC WASTE PER DAY.
TO COMBAT THIS, LOCALLY SOURCED PLASTIC WASTE IS USED TO CREATE HIGH GRADE YARN TO BE GIVEN A SECOND LIFE IN APPAREL





PLASTIC TO FABRIC



UNDYED YARNS

THE TWO NEW FABRIC PROPOSALS UNDER THE RECYCLED PET BOTTLE CONCEPT ARE MADE OUT OF UNDYED YARNS. THEREFORE THE WATER AND ENERGY CONSUMPTION IS REDUCED DRASTICALLY.

NATURAL MINERAL DYE

HIRDARAMANI

- FABRIC COMPOSITION: 97% BCI COTTON, 3% LYCRA
- WASH PROCESS: NATURAL (MINERAL) DYE
- SPECIAL REMARKS:
  - ECO-FRIENDLY PIGMENTS OF DYE SOURCED FROM EARTH/SOIL
  - MINIMAL ENVIRONMENTAL IMPACT
  - NATURAL DYES ARE NON TOXIC & BIODEGRADABLE
  - DYES ARE FULLY COMPLIANT WITH GOTS 6 & ZDHC 2 LEVEL 1

NATURAL MINERAL DYE

HIRDARAMANI

- FABRIC COMPOSITION: 97% BCI COTTON, 3% LYCRA
- WASH PROCESS: REACTIVE GARMENT DYE
- SPECIAL REMARKS:
  - ALTERNATIVE FOR PIECE DYE CHINO PROGRAMS PROVIDING MORE FLEXIBILITY

    LOWER COLOUR MINIMUMS COMPARED TO PIECE DYED PROGRAMS.

    BEST SOLUTION FOR QUICK REPLENISHMENTS PROGRAMS

    LOWER LEAD TIME TO DEVELOP COLOURS
  - BASE FABRIC CAN BE SOURCED IN ORGANIC, REGENERATIVE ORGANIC, COTTON MADE IN AFRICA, AUSTRALIAN COTTON AND OTHER SUSTAINABLE OPTIONS.

HIRDARAMANI

Circular Denim Skirt With Embroidery

- Composition: 80% Cotton, 20% Post Consumer Waste
- Wash Process: Enzyme + Eco-bleach + Softener
- Special Remarks:
  - Placement embroidery using indigo dyed threads
  - In keeping with circular guidelines, the laundering process of this garment did not use potassium permanganate, stone wash or sand blasting. Biodegradable coconut buttons are used.

Natural Dye Utility Jogger Pant

- Composition: 63% Lyocell, 36% Cotton, 1% Elastane
- Wash Process: Natural Pigment (Mineral) Dye
- Special Remarks:
  - Eco-friendly pigments of dye sourced from Earth/soil
  - Minimal environmental impact
  - Natural dyes are non-toxic & biodegradable
  - Dye is fully compliant with GOTS 6 & ZDHC 2 Level 1

REVERSIBLE SHERPA JACKET

HIRDARAMANI

- FABRIC COMPOSITION:
  - BODY FABRIC: 100% COTTON
  - SHERPA LINING: 100% POLYESTER
- WASH PROCESS: NON-WASH
- SPECIAL REMARKS:
  - REVERSIBLE JACKET WITH WATER RESISTANCE
  - BODY FABRIC HAS OEKO-TEX

WATER RESISTANT

OEKO TEX®
STANDARD 100

“CIRCULAR” MADE TO BE MADE AGAIN

TRUCKER JACKET

IN KEEPING WITH CIRCULAR GUIDELINES, THE LAUNDERING PROCESS OF THIS GARMENT DID NOT USE POTASSIUM PERMANGANATE, STONE WASH OR SAND BLASTING.

A DETACHABLE, NON-CONVENTIONAL ELECTROPLATED METAL SHANK IS USED.

HIRDARAMANI

REGENERATIVE ORGANIC COTTON

HIRDARAMANI

REGENERATIVE COTTON IS A TYPE OF COTTON THAT IS GROWN USING REGENERATIVE ARGRICULTURE PRACTICES, WITH AN APPROACH TO FARMING THAT EMPHASIZES THE USE OF PRACTICES THAT ENHANCE THE HEALTH OF SOIL, WATER, ENVIRONMENT, INCREASING BIODIVERSITY, LOCAL COMMUNITIES AND FARMERS, WHICH ALSO PROMOTES A CLOSED-LOOP SYSTEM.

Regenerative Organic Certified™

FAIRTRADE®

WORKER PANT | REGENERATIVE ORGANIC CERTIFIED COTTON | SEWN IN US FAIR TRADE CERTIFIED FACILITY

CREATE
THE FUTURE

HIRDARAMANI