KETCHUP
CLOTHES
EXPLORATIONS IN RECYCLING

THIS BOOK DOCUMENTS GARMENTS MADE FROM FOUND AND DISCARDED MATERIALS UNDER THE AUSPICIES OF KETCHUPCLOTHES FROM 2004 TO THE PRESENT DAY.

IT IS ESTIMATED THAT SOME 350,000 TONNES OF CLOTHES ARE ASSIGNED TO LANDFILL EVERY YEAR FROM THE UK ALONE. THIS CATALOGUE OF IDEAS HOPES TO PROVIDE INSPIRATION INTO WHAT CAN BE DONE WITH TEXTILE AND CLOTHING WASTE.

IT BEGINS WITH APPROACHES TO DIFFERENT MATERIALS SUCH AS DENIM, LEATHER AND OLD T-SHIRTS AND PROGRESSES THROUGH A SERIES OF PHOTOSHOOTS THAT CONTEXTUALISE THE CLOTHES WITHIN A LOCAL, URBAN ENVIRONMENT.

IT CONCLUDES WITH CURRENT DEVELOPMENTS BY THE AUTHOR INTO PATTERN CUTTING AND MANUFACTURING PROCESS THAT HAVE RESONANCE FOR THE WIDER ADOPTION OF RECYCLING PRACTICES.

ALL GARMENTS HAVE BEEN DESIGNED AND MANUFACTURED BY THE AUTHOR ON INDUSTRIAL SEWING MACHINES. THESE INCLUDE A LOCKSTITCH, OVERLOCKER AND COVERSTITCH MACHINE.

KAREN SHAH 2016
REWORKED DENIM

DENIM JEANS DECONSTRUCTED AND PUT BACK TOGETHER AGAIN. UTILISES BOTH FLAT PATTERN CUTTING AND MOULAGING TECHNIQUES, EMBRACING WEAR AND TEAR AND REPOSITIONING DESIGN FEATURES.
AS A GLOBAL FABRIC 'DENIM' IS RECOGNISED AROUND THE WORLD, VALUED FOR ITS DURABILITY AND ASSOCIATION TO YOUTH AND LEISURE, IT IS A STAPLE IN MANY A WARDROBE. IT HAS HAD A LASTING RELATIONSHIP WITH FASHION BUT AS STYLES FALL IN AND OUT OF FASHION IT IS COMMON TO SEE JEANS DISCARDED BEFORE THE END OF THE NATURAL LIFE OF THE FABRIC. OPPORTUNITIES EXIST TO CONVERT THESE OLD GARMENTS INTO NEW.

FITTED TAILORED JACKET MADE FROM JEAN LEGS.
'DENIM SWEATSHIRT' MADE FROM RECYCLED POLYESTER FABRIC AND OLD JEANS POCKETS
LOOSE CARDIGAN STYLE JACKET MADE FROM 100% RECYCLED JEANS
FITTED ASYMETRICAL JACKET MADE FROM OLD JEANS AND FOUND SHEEPSKIN
ZIP TOP MADE FROM OLD JEAN LEGS.
FITTED DRESS MADE FROM THE LEGS OF OLD JEANS.
Reworked leather

Pattern pieces kept small to work around defects and create a ‘patchwork’ effect. Garments shown made from collection of old ‘blouson’ style leather jackets and coats.

‘Biker’ style leather jacket made from ‘60’s’ style coat.
'BIKER' STYLE LEATHER JACKET MADE FROM 'BLOUSON STYLE JACKET
CLASSIC JEAN STYLE LEATHER TROUSERS MADE FROM FULL LENGTH COAT
OLD T-SHIRTS ARE CUT TO ELIMINATE STAINS AND WEAR AND TEAR. THE RESULTANT ‘GOOD’ FABRIC IS EDGED TOGETHER BY OVERLOCKING AND COVERSTITCHING SEAMS.

PATTERN PIECES ARE THEN CUT OUT FROM THE ‘FLAT’ FABRIC OR THE PIECES ARE PRESENTED TO A MANNEQUIN TO MOULAGE AROUND THE BODY.

INHERENT DESIGN FEATURES SUCH AS SLEEVES AND NECKLINES AND FASTENINGS ARE REINVENTED AS POCKETS, ARMHOLES AND SEAMING DESIGN.

REWORKED T-SHIRTS

COWL NECK LONG SLEEVE T-SHIRT DRESS MADE FROM OLD T-SHIRT AND SNOOD DESIGN©KAREN SHAH
BOAT NECK DRESS WITH BALLOON SLEEVES MADE FROM OLD T-SHIRTS

LONG SLEEVE TOP MADE FROM OLD T-SHIRTS

DESIGN © KAREN SHAH
'HAREM' STYLE TROUSER MADE FROM OLD T-SHIRTS

LONG SLEEVED TOP MADE FROM OLD T-SHIRTS
MISCELLANEOUS MATERIALS

RECUT AND FITTED WOOL XL 'GOLF' JUMPER WITH FRENCH KNOT EMBROIDERY TO COVER UP HOLES

DESIGN©KAREN SHAH

TWO SHIRT TOP WITH BALLOON SLEEVES AND SHIRRED NECK DETAILS

DESIGN©KAREN SHAH
TULIP STYLE SKIRT MADE FROM OLD CURTAIN AND GLITTER TRIM

TULIP STYLE SKIRT MADE FROM DONATED FABRIC AND WAIST BAND FROM FOOTBALL SHORTS

DESIGN©KAREN SHAH
Fitted jacket made from crochet blanket

Design©Karen Shah
WAIST LENGTH BOX JACKET MADE FROM OLD CURTAIN
HALTER NECK DRESS WITH FRILL MADE FROM TABLE CLOTH
A LINE GATHERED SKIRT MADE FROM BROKEN UMBRELLA

TRANSFORMABLE TOP THAT TURNS INTO A DRESS AND TROUSERS MADE FROM REMNANT

DESIGN©KAREN SHAH
SERIES OF IMAGES FROM PHOTO SHOOTS CONDUCTED OVER THE YEARS. COLLABORATIONS INCLUDE THOSE WITH ANTIFORM, FILTHY SQUIRREL AND LOCAL PHOTOGRAPHERS.

FASHION SHOOTS AND SHOWS

LEATHER BIKER JACKET WITH KNITTED RIBBONED T-SHIRT DRESS

FLAMENCO DRESS MADE FROM REMNANT AND FRILLS MADE FROM FABRIC SCRAPS

T-SHAPED LOOSE DRESSES MADE FROM OLD SARIS AND T-SHIRT SCRAPS

PHOTO SHOOT WITH ANTIFORM PHOTOGRAPH: “SALLY”
PHOTOSHOOT IN LOCAL PARK AND SURROUNDING AREA.
MODELS: SOPHIE WHEATLEY AND MIRANDA LAWTON. PHOTOGRAPHER: GEMMA BARNES

BALLON SHAPE DRESS FROM DONATED FABRIC AND LONG DRESS MADE FROM DUVET COVER

SLEEVELESS TOP MADE FROM WALL HANGING, JEAN STYLE TROUSERS MADE FROM FACTORY OFFCUTS, LEATHER BIKER JACKET AND T-SHIRT DRESS

DESIGN © KAREN SHAH

RECU'T-SHIRT DRESS'

PHOTOSHOOT IN LOCAL PARK AND SURROUNDING AREA. MODELS:SOPHIE WHEATLEY AND MIRANDA LAWTON . PHOTOGRAPHER: GEMMA BARNES
RECUT WOOL JUMPERS AND LEGGINGS MADE FROM OLD T-SHIRTS

HALTER NECK DRESS MADE FROM TABLECLOTH, RECUT T-SHIRT TOPS AND TULIP SKIRT

DESIGN © KAREN SHAH
PHOTOSHOOT WITH FILTHY SQUIRREL IN DISUSED GLASS FACTORY IN LOCAL AREA OF LEEDS 6.
PHOTOGRAPHER: NICKY RAJ

CROPPED JACKET MADE FROM TROUSERS
TRANSFORMABLE TROUSERS
CORSET AND SKIRT MADE FROM CURTAINS AND SCRAPs OF STRETCH FABRIC
TOP MADE FROM SKIRT
DESIGN©KAREN SHAH
HOODED JACKET MADE FROM OLD SLEEPING BAG

ORGANIC COTTON HALTER NECK DRESS

RECUIT TSHIRT LOOSE FITTING TOP

DRAWING INSPIRATION FROM THE URBAN LANDSCAPE
PHOTOSHOOT IN STUDIO, ALLOTMENT AND SURROUNDING AREA
PHOTOGRAPHER: KAREN SHAH

KNITTED TSHIRTS
HALTER NECK TOP

CROCHET SKIRT

CIRCULAR TABLE CLOTH SKIRT

BOX JACKET AND BIKER JACKET MADE FROM OLD LEATHER JACKETS

DESIGN©KAREN SHAH

DESIGN©KAREN SHAH

DESIGN©KAREN SHAH

DESIGN©KAREN SHAH
FITTED DENIM TOP, RECUT TSHIRT TOPS, ADJUSTABLE SKIRTS, MINI SKIRT FROM WALL-HANGING, NON WOVEN JEAN STYLE TROUSERS

DESIGN © KAREN SHAH

KNITTED TSHIRT TOP

DESIGN © KAREN SHAH
COLLECTION PRESENTED AT ALTERNATIVE FASHION WEEK, LONDON, 2008
PHOTOGRAPHS: KAREN SHAH

DESIGNS©KAREN SHAH

TULIP SKIRT AND CROPPED TAILORED JACKET
ASYMMETRICAL JACKET FROM FACTORY
OFFCUT CURTAIN TROUSERS

DESIGNS©KAREN SHAH
PRESENTATION OF COLLECTION AS PART OF GREENFEST, HUDDERSFIELD UNIVERSITY, PICTURE HOUSE, HEBDEN BRIDGE PHOTOGRAPHER: KAREN SHAH

T-SHAPED SARI DRESS

ZIP FRONT HOODED JACKET MADE FROM DUVET COVER

HOODED JACKET FROM A SKIRT AND MIN SKIRT FROM TSHIRT

RECUT TSHIRT DRESS

DESIGN©KAREN SHAH

DESIGN©KAREN SHAH

DESIGN©KAREN SHAH
CUTTING AND MANUFACTURE TECHNIQUES RELATING TO THE UTILISATION OF WASTE MATERIALS CAN PRESENT VARIOUS CHALLENGES NAMELY THE QUALITY OF THE FABRIC, THE DEGREE OF WEAR AND TEAR AND INREGULARITIES IN THE AVAILABILITY AND QUANTITY OF WORKABLE MATERIAL. AS A RESULT GARMENTS ARE OFTEN CHARACTERISED BY THEIR INDIVIDUALITY NATURE AND ARE VALUED FOR THEIR CREATIVE APPROACHES TO PATTERN CUTTING AND MANUFACTURE - UTILISING DETAILS THAT STILL HAVE LIFE IN THEM AND DISCARDING THAT WHICH IS WORN OR DIRTY.

DRAWING ON TECHNIQUES DEVELOPED OVER THE COURSE OF VARIOUS FASHION COLLECTIONS THIS SECTION HIGHLIGHTS METHODS OF CUTTING AND MANUFACTURE THAT HAVE BEEN UTILISED IN THE DEVELOPMENT OF THE GARMENTS AS WELL AS OFFERING UP POTENTIAL APPROACHES THAT MAY BE ABLE TO BE UPSCALED. THE AIM OF THIS IS TO GENERATE DEBATE INTO THE FEASIBILITY, DESIREABILITY AND IMPERATIVE FOR RECYCLING TECHNIQUES TO BECOME MORE EMBEDDED INTO BOTH TRADITIONAL AND MASS PRODUCTION FASHION SYSTEMS.
RAW MATERIALS

RAW MATERIALS USED FOR THE MANUFACTURE OF THE GARMENTS PRESENTED IN THIS CATALOGUE HAVE COME FROM A NUMBER OF SOURCES. THESE HAVE INCLUDED THE AUTHOR'S OWN WARDROBE, ITEMS SOURCED FROM SECOND-HAND SHOPS, GARMENTS FOUND ON THE STREETS AND DONATIONS OF UNWANTED CLOTHES.

ITEMS SOURCED ARE EVALUATED FOR THE POTENTIAL THEY HOLD IN TERMS OF HAVING ENOUGH FABRIC OF A SUITABLE QUALITY, AESTHETIC APPEAL AND ANY DESIRED DESIGN DETAILS THEY MAY CONTAIN. THEY ARE THEN USED AS A WHOLE GARMENT IN ITSELF OR ELSE MIXED WITH ADDITIONAL ITEMS TO CREATE A COMPLETE 'NEW' GARMENT.

DUE TO THE DESIRE TO EXPLORE METHODS THAT HAVE RESONANCE TO MASS PRODUCTION TECHNIQUES MANY GARMENTS HAVE BEEN DEVELOPED FROM INDUSTRY STANDARD PATTERN 'BLOCKS' AND USED TO CREATE 'CLASSIC' STYLES DIRECTED AT A FASHION CONSCIOUS CONSUMER.
CUTTING OUT STAINS AND WEAR AND TEAR

SELECTION OF DISCARDED TSHIRTS FOUND IN STREET

IDEA BY KAREN SHAH

MAKING 'FLAT' BY OVERLOCKING TOGETHER

CUTTING OUT 3D DETAILS
COVERSTITCHING SEAMS (REVERSE)

POSITIONING CLOTH TO PATTERN
MAKING FABRIC 'SKIN' OUT OF FOUR COTTON JERSEY T-SHIRTS

T-SHIRTS FOUND IN STREET

CHECKING FOR STAINS

EVALUATING QUALITY
FABRIC ‘SKIN’ (ABOVE) PHOTOGRAPHED FOR USE WITH COMPUTER PATTERN MAKING SOFTWARE WITH SUPERIMPOSED PATTERN PIECES FOR A SIMPLE T-SHIRT (BELOW). (SHAH & WARD, 2016)

PHOTO: SIMON WELDON, 2016

COMPUTER SIMULATION OF RESULTANT T-SHIRT DETAILING SEAMLINES AND PRINT.
SHIRT MADE FLAT (ABOVE) WITH PATTERN PIECES SUPERIMPOSED (BELOW) (SHAH & WARD, 2016)

PHOTO: SIMON WELDON, 2016

COMPUTER SIMULATION OF RESULTANT TOP (WARD, 2016)
IT IS HOPED THAT THIS BOOKLET HAS PROVIDED IDEAS INTO THE VARIOUS DIFFERENT TECHNIQUES THAT CAN BE APPLIED TO WASTE GARMENTS AND CLOTH TO RUN THEM BACK INTO WEARABLE AND DESIRED ITEMS.

THE WORLD IS GETTING FULL OF WASTE AND IF WE ARE NOT TO DROWN IN ALL OF THIS RUBBISH THEN WE NEED TO START DOING SOMETHING ABOUT IT.

IT IS NOT ENOUGH THAT WE CAN EXPECT TO CONSUME AS MUCH AS WE DO WITHOUT COMING UP WITH FEASIBLE AND VIABLE SOLUTIONS FOR OUR WASTE. OF COURSE THE LOGICAL THING WOULD BE TO STOP CONSUMING MORE BUT IN THE INTERIM WE NEED TO FIND ALTERNATIVES FOR OUR WASTE CLOTHING.

IT IS THE DUTY OF ALL OF THOSE INVOLVED IN THE INDUSTRY TO ADDRESS THE PROBLEM AND TURN THE DAMAGING EFFECTS OF THE FASHION SYSTEM INTO POSITIVES.

GREAT CREATIVITY AND INNOVATION CAN BE ACHIEVED AND TECHNIQUES CAN BE APPLIED TO ALL LEVELS OF PRODUCTION SO IT IS TIME TO TURN THE DREAM INTO A REALITY.

FOR FURTHER INFO:

CONTACT:

DR KAREN SHAH
UNIVERSITY OF HUDDERSFIELD
K.L.SHAH@HUD.AC.UK
KETCHUPCLOTHES@YAHOO.CO.UK
07966587503

JUNE 2016

A NOTE ON COPYRIGHT:
THE INTENTION IS THAT IDEAS AND DESIGNS PRESENTED IN THIS BOOKLET BE ADOPTED INTO WIDER PRODUCTION METHODS AS A WAY OF TACKLING WASTE. COMPANIES AND INDIVIDUALS WISHING TO USE ANY OF THIS CONTENT ARE ASKED TO CONTACT ME FOR FURTHER SUPPORT AND ADVICE.
A CATALOGUE OF IDEAS FOR RECYCLING CLOTHES

THINGS TO DO WITH ITEMS SUCH AS JEANS, T-SHIRTS, HOUSEHOLD MATERIALS ETC

A VISUAL JOURNEY OF THE POSSIBILITIES FOR UNWANTED GARMENTS AND HOW TO BREATHE NEW LIFE INTO THEM.

AN EXPLORATION OF PRODUCTION METHODS AND PATTERN CUTTING TECHNIQUES.

NEW DEVELOPMENTS FOR MASS PRODUCTION OF WASTE AND ITS ADOPTION INTO THE WIDER FASHION SYSTEM

CONCEIVED, PRODUCED, MADE DESIGNED, CRAFTED AND COMPILED BY
KAREN SHAH 2016