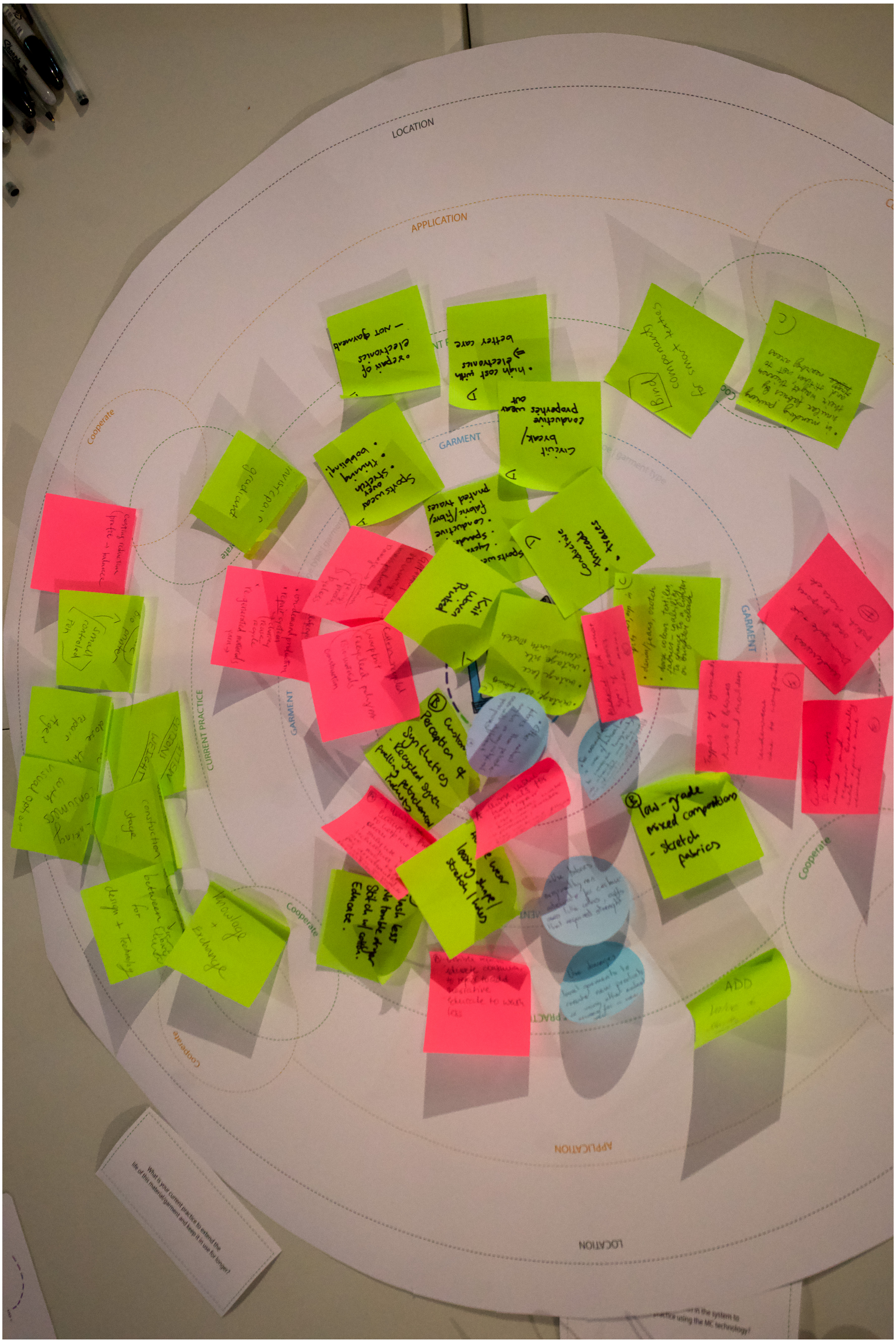
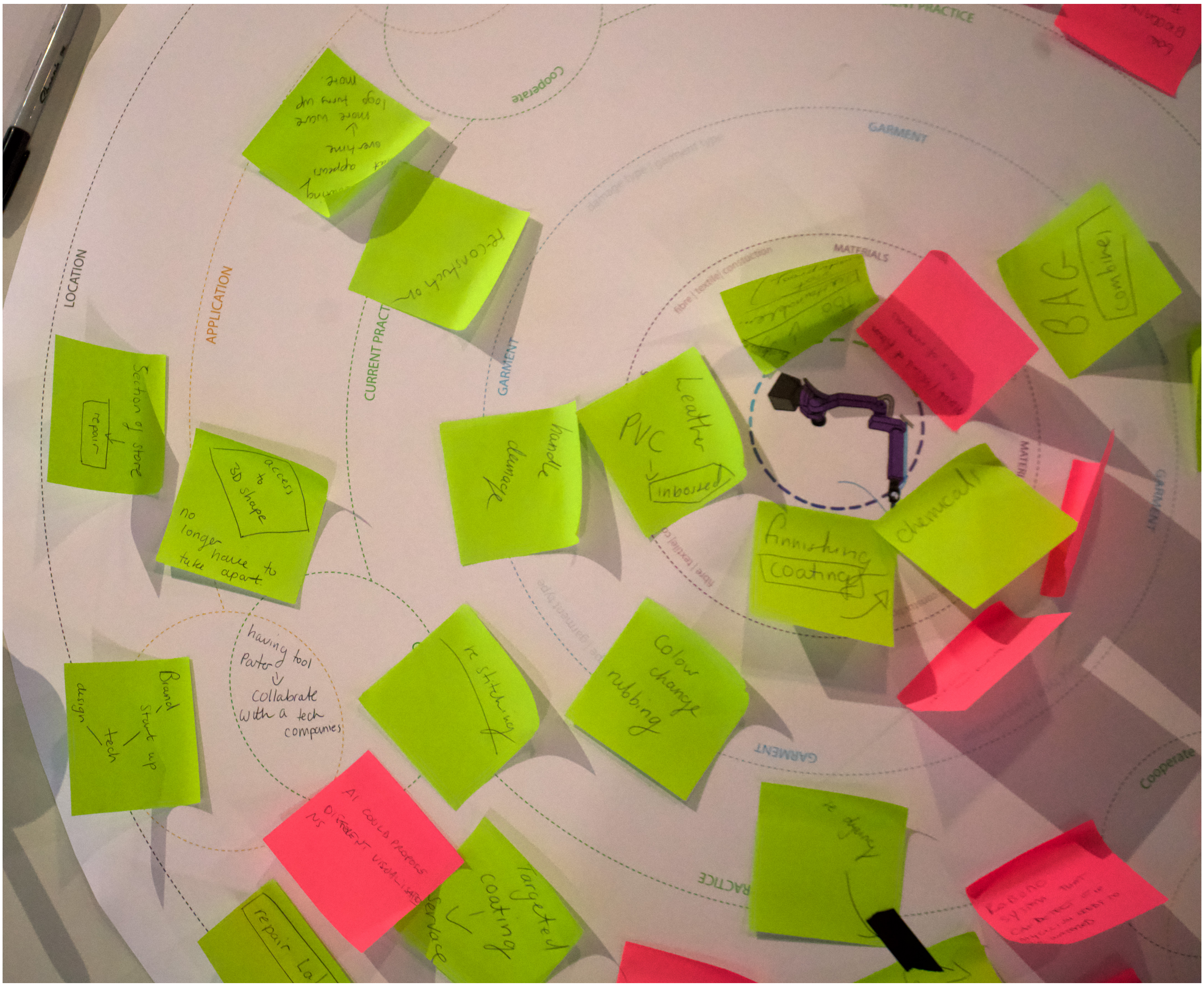
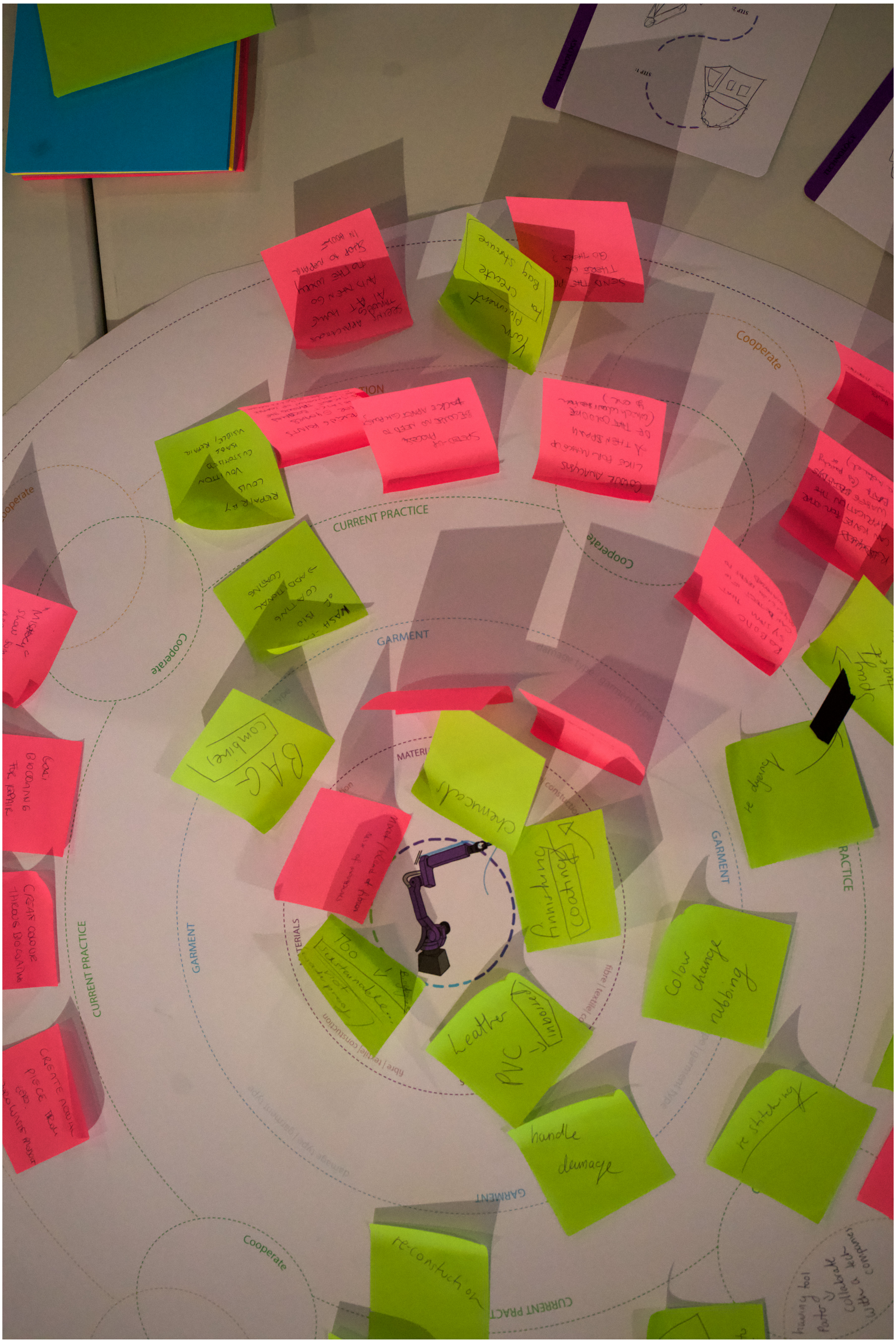
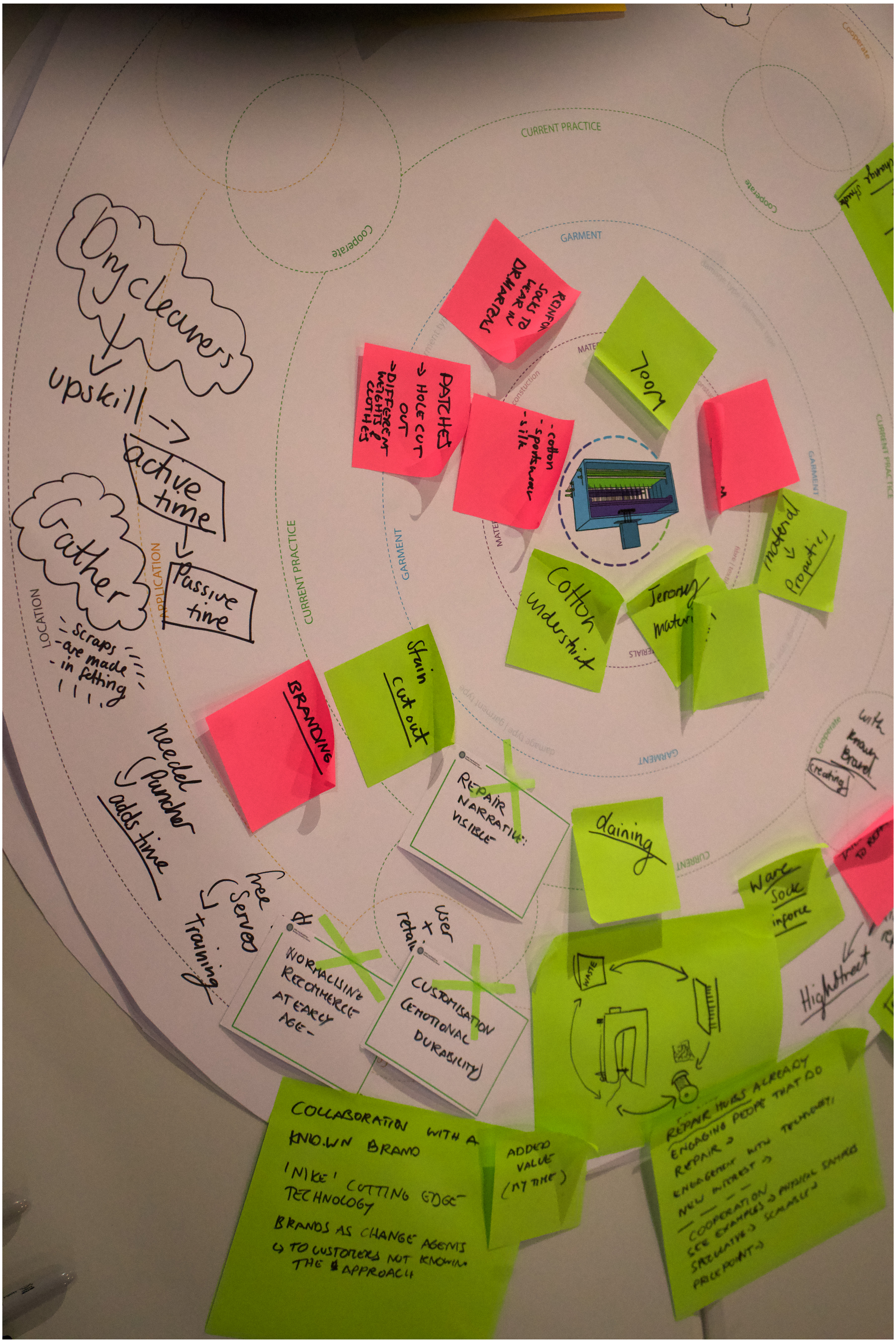
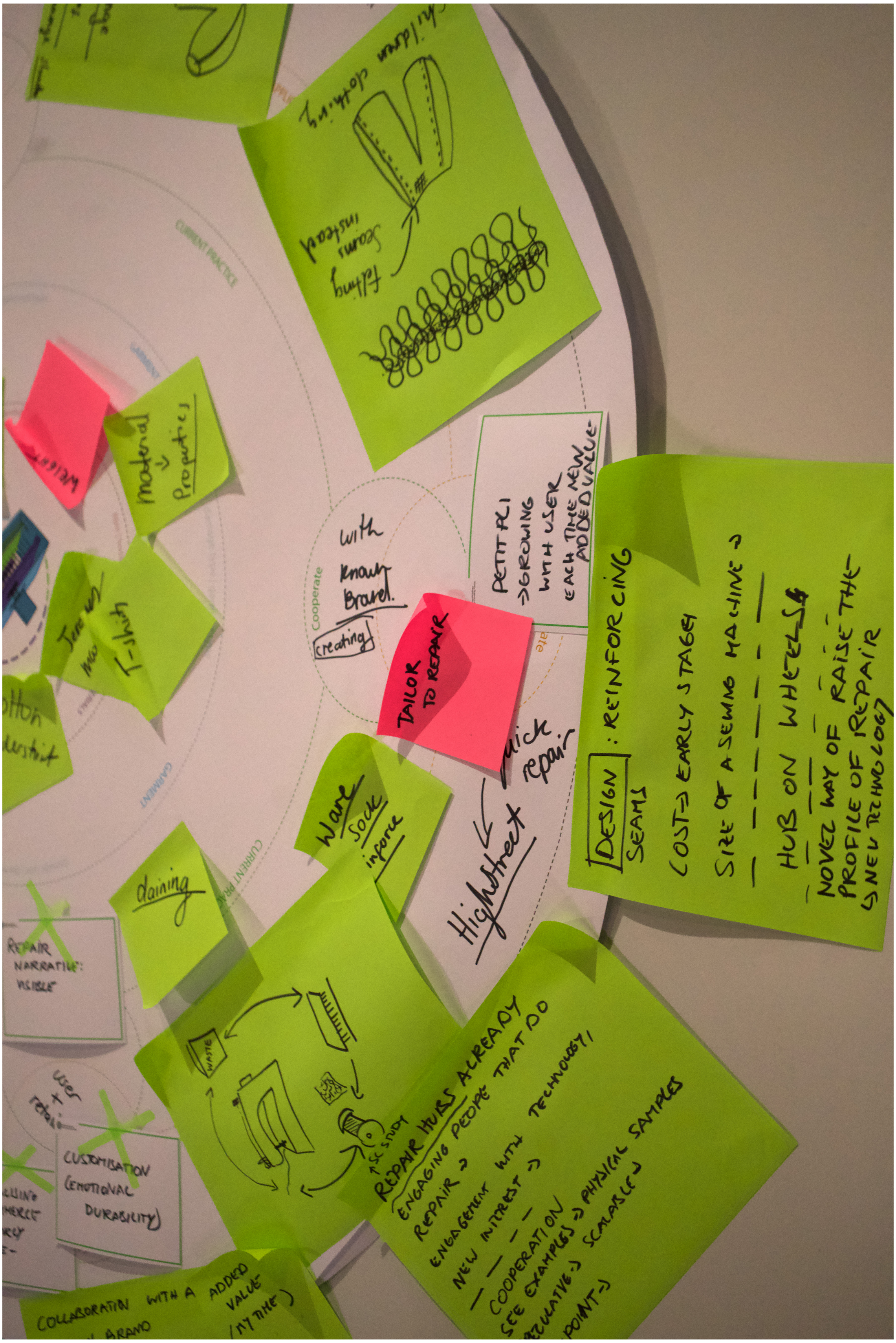
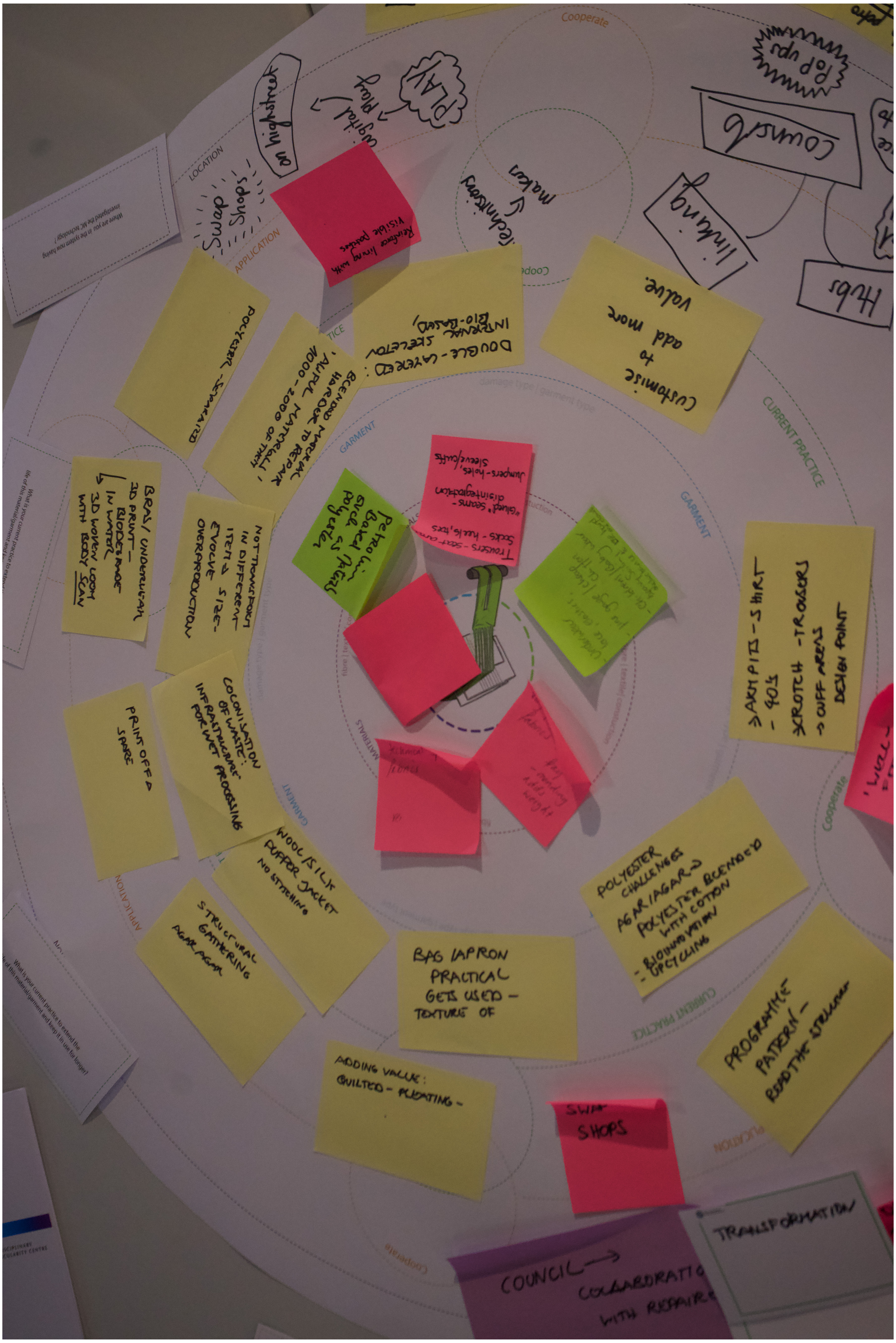

LOCATION
APPLICATION
GARMENT
CURRENT PRACTICE
Cooperate
• repair of electronics — not garment
• high cost with electronics ⇒ better care
Circuit break/ conductive properties wear out
Bind components for smart textiles
• in mending panels, simulate fabrics by their weight, thickness and stitches not to ~~tear~~ nearby areas
Sports wear over stretch • thinning • bobbling!
• Lycra • Spandex • Conductive fabric/fibre/printed traces
Conductive • threads • traces
Knit Woven Printed
• denim/jeans, crotch
Costing reduction (price → balance)
Small controlled run
dose repair type
linking consumers with visual options
construction stage
between design for design + Technology
Knowlage + Exchange
Custom perception & synthetics • Recycled synth. pulling petrochemical products
Wash less No tumble dryer Stitch w/ care. Educate.
low-grade mixed compositions - stretch fabrics
loosing shape/ stretch/ holes
ADD
What is your current practice to extend the life of this material/garment and keep it in use for longer?
in the system to practice using the MC technology?

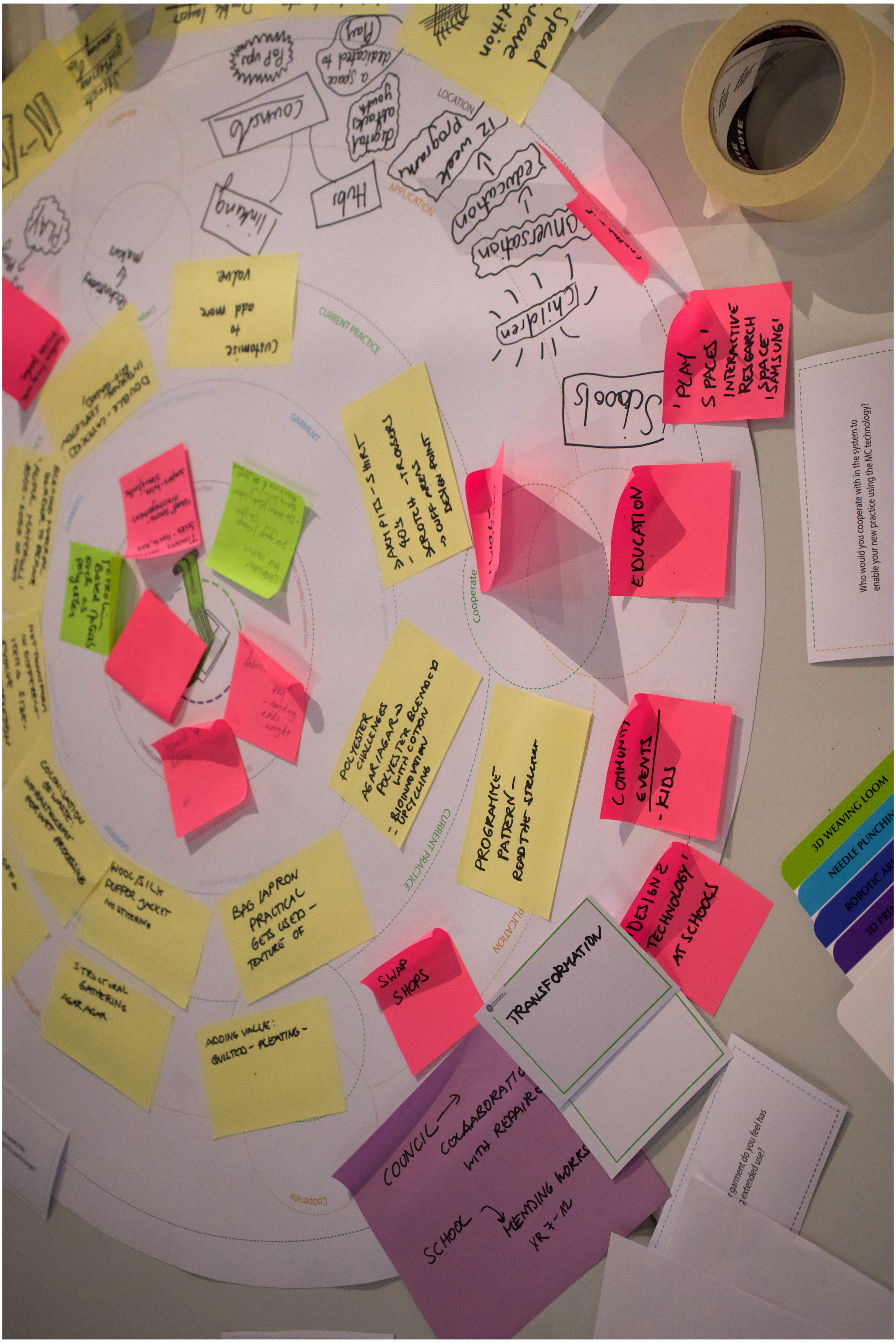

LOCATION
APPLICATION
CURRENT PRACT
GARMENT
MATERIALS
GARMENT
damage type | garment type
fibre | textile | construction
Cooperate
Cooperate
PRACTICE
Section of store
repair
access to 3D shape
no longer have to take apart
having tool Parter
collaborate with a tech companies
Brand
Start up
tech
design
re-construct
over-time
more wave
logo turns up
more.
handle damage
Leather
PVC
inbossed
BAG
combine
finnishing
coating
chemicals
re stitching
Colour change rubbing
AI COULD PROPOSE DIFFERENT VISUALISATIONS
repair Lab
Targeted coating
service
re dyeing


STEP 1:
STEP 2:
Cooperate
CURRENT PRACTICE
GARMENT
MATERIALS
fibre | textile | construction
damage type | garment type
Yarn placement to create Bag structure
REPAIR AT LOUIS VUITTON CUSTOMISED BAGS VISIBLE REPAIR
SPEED-UP PROCESS BECAUSE NO NEED TO TACKLE
COLOUR ANALYSIS LIKE FOR MAKE-UP & THEN SPRAY OF THAT COLOUR
WASH BIO COATING ADDITIONAL COATING
BAG combine
chemicals
finishing coating
re dyeing
spot target
GOOD BIOCOATING FOR REPAIR
CREATE COLOUR THROUGH BIOCOATING
CREATE NEW PIECE FROM OLD
Mixed / blend of fibers
Too sustainable... Not water proof
Leather PVC inbossed
Colour change rubbing
handle damage
re stitching
re-construction
having tool parts collaborate with a companies


Dry cleaners
upskill →
active time
Passive time
Gather
LOCATION
APPLICATION
Scraps
- are made
- in fitting
needled
punches
adds time
free
Served
→ Training
BRANDING
Stain
cut out
REPAIR NARRATIVE: VISIBLE
user
x
retail
#
NORMALISING RECOMMERCE AT EARLY AGE -
CUSTOMISATION (EMOTIONAL DURABILITY)
COLLABORATION WITH A KNOWN BRAND
'NIKE' CUTTING EDGE TECHNOLOGY
BRANDS AS CHANGE AGENTS
→ TO CUSTOMERS NOT KNOWING THE APPROACH
ADDED VALUE (MY TIME)
REPAIR HUBS ALREADY
ENGAGING PEOPLE THAT DO
REPAIR →
ENGAGEMENT WITH TECHNOLOGY!
NEW INTEREST →
COOPERATION
SEE EXAMPLES → PHYSICAL SAVINGS
SPECULATIVE → SCALABLE →
PRICE POINT →
WASTE
Highstreet
Ware
Sock
inforce
daining
CURRENT
with
Known
Brand
Creating
Cooperate
GARMENT
damage type | garment type
Cotton
Industrist
Jeremy
Material
material
↓
Properties
MATERIALS
- cotton
- sportswear
- silk
PATCHES
→ HOLE CUT OUT
→ DIFFERENT WEIGHTS & CLOTHES
Wool
REINFOR
SOCKS TO
WEAR IN
DR.MARTENS
construction
CURRENT PRACTICE
change Stude


children clothing
felting seams instead
CURRENT PRACTICE
GARMENT
material → properties
Jerseys
T-shirt
cotton
undershirt
Cooperate
with known Brand.
creating
PETIT PLI
→GROWING WITH USER
EACH TIME NEW ADDED VALUE
TAILOR TO REPAIR
Quick repair
Highstreet
Ware Sock inforce
daining
CURRENT PRAC
REPAIR NARRATIVE: VISIBLE
users + retail
CUSTOMISATION (EMOTIONAL DURABILITY)
WASTE
↑ SC STUDY
DESIGN : REINFORCING SEAMS
COST → EARLY STAGE
SIZE OF A SEWING MACHINE →
HUB ON WHEELS
NOVEL WAY OF RAISE THE PROFILE OF REPAIR
↳ NEW TECHNOLOGY
REPAIR HUBS ALREADY
ENGAGING PEOPLE THAT DO REPAIR →
ENGAGEMENT WITH TECHNOLOGY
NEW INTEREST →
COOPERATION
SEE EXAMPLES → PHYSICAL SAMPLES
SPECULATIVE → SCALABLE →
POINT →
COLLABORATION WITH A BRAND
ADDED VALUE (MY TIME)


Cooperate
LOCATION
APPLICATION
CURRENT PRACTICE
GARMENT
MATERIALS
damage type | garment type
Where are you in the system now having investigated the MC technology?
What is your current practice to extend the life of this material/garment and keep it in use for longer?
Swap Shops
on highstreet
Digital / Play
PLAY
Pop ups
Counsil
linking
Hubs
technicians
makers
Reinforce lining with visible patches
POLYESTER - SEPARATED
BLENDED MATERIAL, HARDER TO REPAIR, AWFUL MATERIALS, 1000-2000 OF THEM
DOUBLE-LAYERED: INTERNAL SKELETON (BIO-BASED)
Customise to add more value.
Trousers - seat - crotch
Socks - heels, toes
"Glued" seams - disintegration
Jumpers - holes, sleeve/cuffs
Petroleum Based Plastics Polyester
BRAS/ UNDERWEAR 3D PRINT - BIODEGRADE IN WATER
3D WOVEN LOOM WITH BODY SCAN
NOT TRANSFORM IN DIFFERENT ITEM → SIZE - EVOLVE OVERPRODUCTION
PRINT OFF A SPARE
COLONISATION OF WASTE: INFRASTRUCTURE FOR WET PROCESSING
WOOL/SILK PUFFER JACKET NO STITCHING
STRUCTURAL GATHERING AGAR AGAR
BAG /APRON PRACTICAL GETS USED - TEXTURE OF
ADDING VALUE: QUILTED - PLEATING -
→ ARMPITS - SHIRT - 40%
CROTCH - TROUSERS
→ CUFF AREAS DESIGN POINT
POLYESTER CHALLENGES AGAR/AGAR → POLYESTER BLENDED WITH COTTON - BIOINNOVATION - UPCYCLING
PROGRAMME PATTERN - READ THE STRUCTURE
SWAP SHOPS
COUNCIL → COLLABORATION WITH REPAIRERS
TRANSFORMATION


Spread weave addition
LOCATION
APPLICATION
CURRENT PRACTICE
GARMENT
Cooperate
PLICATION
Counsels
linking
Hubs
Pop ups
a space dedicated to Play
digital outreach youth
12 week program
education
conversation
children
Schools
PLAY
Customise to add more value.
DOUBLE-LAYERED INTERNAL STRUCTURE (BIO-BASED)
'PLAY SPACES' INTERACTIVE RESEARCH SPACE 'SAMSUNG'
→ ARMPITS-SHIRT - 40's ↗ CROTCH - TROUSERS → CUFF AREA DESIGN POINT
EDUCATION
POLYESTER CHALLENGES AGAR/AGAR → POLYESTER BLENDED WITH COTTON - BIOINNOVATION UPCYCLING
PROGRAMME PATTERN - READ THE STRUCTURE
COMMUNITY EVENTS - KIDS
DESIGN & TECHNOLOGY AT SCHOOLS
CO-ORDINATION OF WASTE INFRASTRUCTURE FOR WASTE PROCESSING
WOOL/SILK PUFFER JACKET NO STITCHING
BAG/APRON PRACTICAL GETS USED - TEXTURE OF
STRUCTURAL GATHERING AGAR AGAR
ADDING VALUE: QUILTED - PLEATING -
SWAP SHOPS
TRANSFORMATION
COUNCIL → COLLABORATION WITH REPAIRERS
SCHOOL → MENDING WORKS YR 7-12
Petroleum based fibres such as polyester
- mending adds weight
Who would you cooperate with in the system to enable your new practice using the MC technology?
garment do you feel has extended use?
3D WEAVING LOOM
NEEDLE PUNCHIN
ROBOTIC AR
3D PRI
101E