

THE CHALLENGE CARDS

# Ten Challenges

The real tensions facing the textile sector – drawn from research with industry, educators and practitioners across Europe. **Each workshop team takes one.**

HOW MIGHT WE...

Material Design System Business

**C1 MATERIAL**

### How might we reduce virgin-material use in textile production?

Substituting, reducing or rethinking the primary material inputs – from fibre cultivation to yarn and fabric.

**C2 MATERIAL**

### How might we recover value from post-industrial textile waste?

Capturing the value of off-cuts, selvages and yarn waste before it becomes post-consumer waste.

**C3 DESIGN**

### How might we design garments for longer use phases?

Construction, repairability and attachment as design levers for a longer active life.

**C4 DESIGN**

### How might we design for modular repair and adaptation?

Separable parts and standard interfaces that let a garment evolve with its wearer.

**C5 DESIGN**

### How might we design for end-of-life disassembly and recyclability?

Material selection and joining techniques that enable mono-material streams at end-of-life.

**C6 SYSTEM**

### How might we close textile material loops at a regional scale?

Collection, sorting and reprocessing – the actors, flows and coordination a working loop requires.

**C7 SYSTEM**

### How might we improve traceability across textile supply chains?

Making material and social conditions visible to downstream actors across long, fragmented chains.

**C8 BUSINESS**

### How might we build business models around longevity, not volume?

Services, repair, second-hand – value capture that doesn't depend on selling ever-more new units.

**C9 BUSINESS**

### How might we make sustainable options accessible across price points?

Cost, distribution and access that make lower-impact choices the default rather than the luxury.

**C10 BUSINESS**

### How might we align practice with upcoming EU regulation?

Competitive, compliant practice under ESPR, the Digital Product Passport and the Waste Framework Directive.

