



Modint Miriam Geelhoed

TNO – DPP



Advocating for



Innovation



Corporate Responsibility



Human Capital



Product



Supply Chain



Fashion



Interior



Textile



Carpet

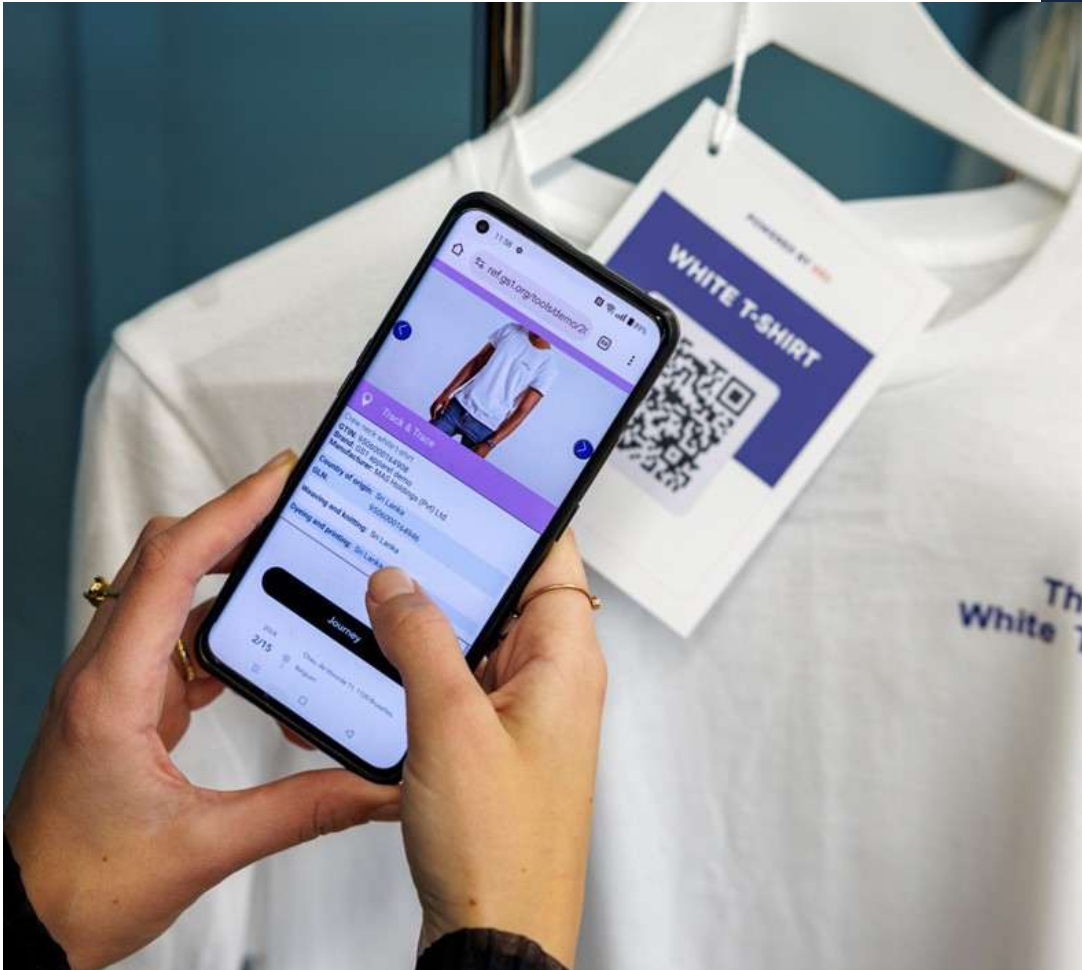


Workwear

As the national association for the clothing, workwear, interior, carpet and textile industry, we proudly represent over 500 companies.

We make doing business easier through our tools & services, events and access to expert advice.

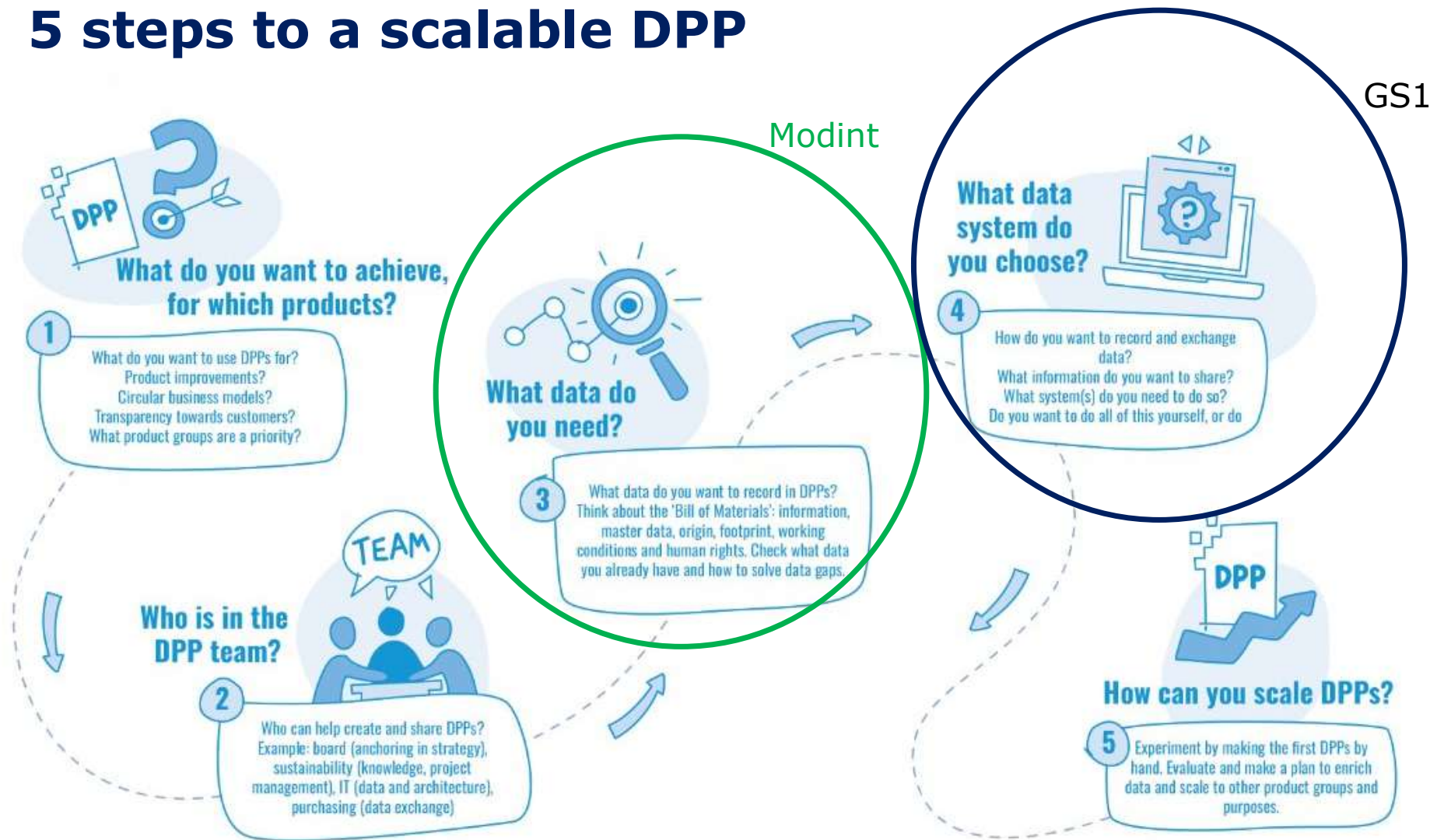


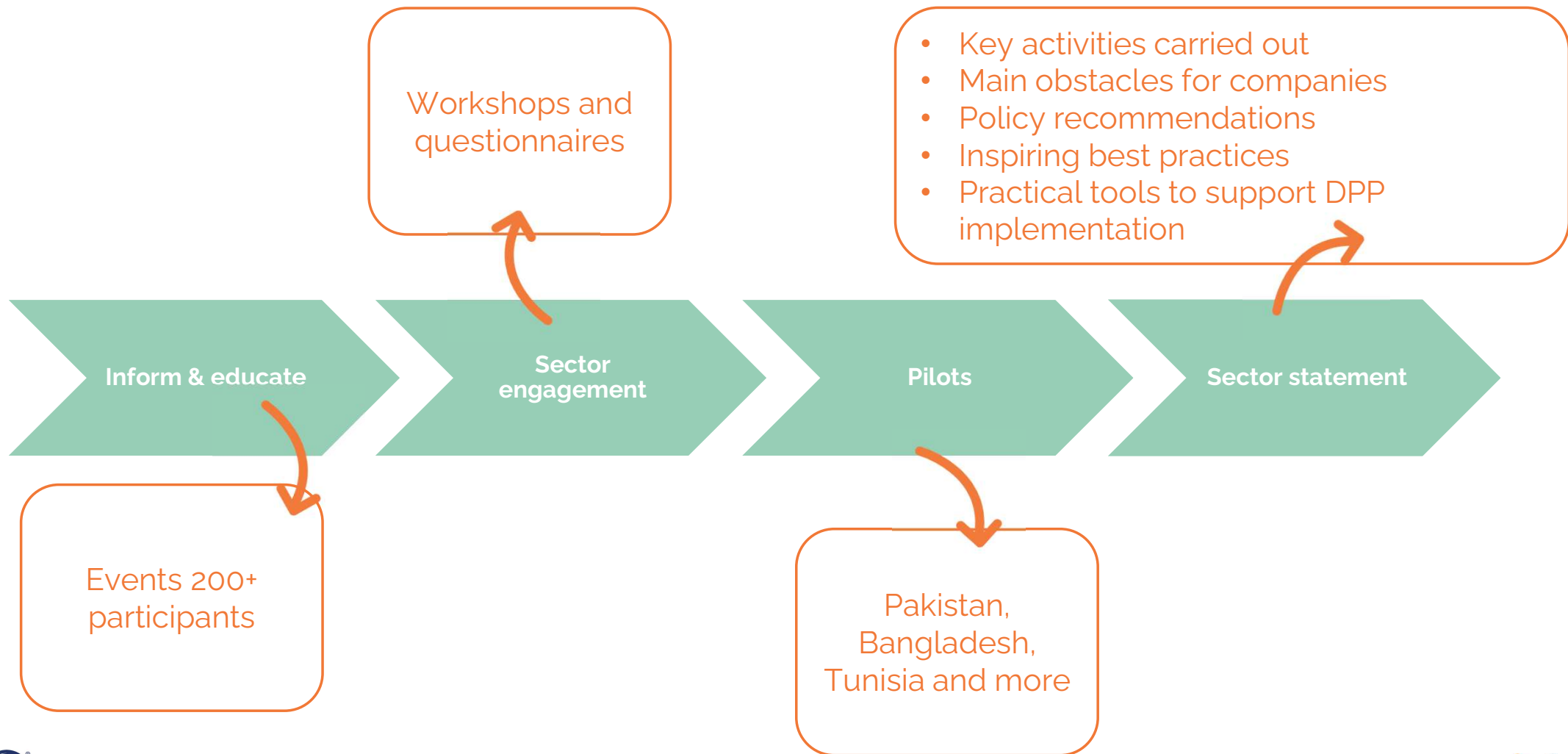


GS1 & Modint

- Inform companies about upcoming legislation (e.g. DPP Passport)
- Boost sector knowledge
- Promote international standards (e.g. ISO, GS1) for DPP
- Sector statement (29 October)
- Support pilot projects.
- Joint advocacy where needed.

5 steps to a scalable DPP







Preliminary ESPR parameters

- Aspects and parameters that can be taken into account:
- Durability: Functional durability standards, e.g. abrasion resistance, dimensional change
- Recyclability: fibre composition, available recycling technologies
- Environmental impacts, specific key production processes
- Recycled content
- Substances of concern
- *To be determined through preliminary study and impact assessment*





Pilot case

Engelvaart Bodywear



Digital Product Passport



Beeren

BODYWEAR



ENGELVAART
/BODYWEAR

ENGELVAART
/BODYWEAR



bAwear
SCORE

SUSTAINABLE MANUFACTURING
DEMCO
www.demcointer.com

Pilot & Partners

- GS1 Netherlands & GS1 Tunisia → standards & support
- Modint → template essential info
- La Griffes + GS1 Tunisia → DPP development
- Demco → GLN applications + produced samples with different QR code applications
- bAwear → impact score
- Engelvaart Bodywear →
 - Collected & structured all product information
 - Supplied date for impact calculations
 - Created cost breakdown for each option

MODINT.

Products Selected



Men Brief with fly James
DPP Link: [08717944128975](https://www.dpp.nl/08717944128975)



Men singlet James
DPP Link: [08717944134594](https://www.dpp.nl/08717944134594)

ENGELVAART
/BODYWEAR



Where is the QR Code?

- 1. Sticker on packaging
- 2. Extended sewn-in care label
- 3. Extra label under existing label
- 4. Heat transfer next to the label

ENGELVAART
/BODYWEAR



Production & Cost Impact

- Thousands of different labels instead of a few
- Much higher label costs
- Frequent label roll changes → loss of efficiency
- Higher error risk (wrong QR in wrong item)
- Mandatory scanning in production → extra time and risk of delays
- Extra time needed for additional label or transfer

ENGELVAART
/BODYWEAR

Best Option for Low-Cost Products

✓ Packaging sticker as most efficient solution



✓ Printed on demand → no stock issues



✓ Minimal errors



✓ Very low extra cost

Conclusion



- DPP IMPLEMENTATION IS POSSIBLE WITH GS1 STANDARDS



- COLLABORATION ACROSS THE SUPPLY CHAIN IS KEY

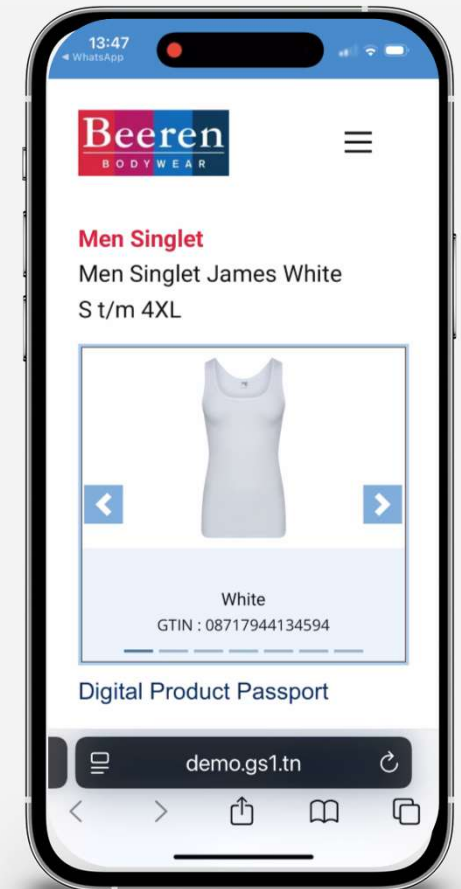
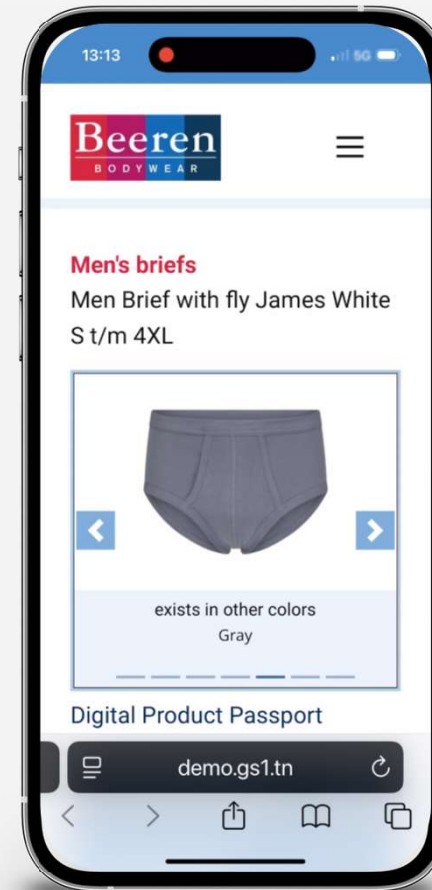


- BUT: PRODUCTION FEASIBILITY & COSTS MUST BE CONSIDERED



- FOR LOW-COST GARMENTS: PACKAGING QR IS MOST REALISTIC

Scan the Digital Product Passport!



- Accelerate development of sector-specific DPP templates
- Promote alignment with international standards (e.g. GS1, CEN/CENELEC)
- Provide funding and training for SMEs
- Establish a national DPP helpdesk or knowledge hub (a CoE)
- Allow sufficient lead time between final requirements and enforcement
- Address cost implications
- Consider the needs of recyclers

Sector statement

Preliminary conclusions



Working together towards a circular economy

Modint - GS1

Thank you!

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