



## Global Standards Management Process: Call for Participation

MSWG Sub-team: Textiles and Apparel DPP Sub-team

Kick off 27 May 2026

GS1 Circularity – Digital Product Passport (DPP) Mission Specific Working Group (MSWG) WR 26-134

### Business drivers

GS1's apparel industry members are actively preparing for upcoming regulatory requirements. To support this and in response to industry interest, GS1 is initiating a collaborative textile subgroup to standardise approaches that support circularity goals and Digital Product Passport (DPP) implementation ahead of the apparel Delegated Act under the Ecodesign for Sustainable Products Regulation, and calls for participation from across the whole apparel industry. Currently the apparel industry has widespread adoption of GS1 identifiers and data carriers. However, new needs will emerge alongside the regulation and GS1's apparel community has voiced the need to proactively identify and gather requirements and develop standards around them.

More in detail, the Ecodesign for Sustainable Products Regulation (ESPR) establishes the framework for the introduction of Digital Product Passports (DPPs) a wide range of products placed on the EU market. The First ESPR and Energy Labelling Working Plan published at the beginning of 2025 sets out the initial prioritisation of these product groups, with apparel identified as one of the first sectors to be addressed.

The forthcoming ESPR Textiles/Apparel Delegated Act will establish the detailed requirements necessary to operationalise the application of the DPP for textile and apparel (end) products. This sector-specific Delegated Act will define the technical and governance specifications needed to enable the implementation of Digital Product Passports in the textile and apparel value chain.

The ESPR DPP textiles Delegated Act pertaining to apparel in particular is expected to specify key elements such as:

- The level of granularity for product identification (for example whether identification should occur at batch/lot, serial, "model", etc. levels)
- The scope of facility identification requirements (i.e. GS1 Global Location Number for finished goods manufacturers only (Tier 1), or also further upstream)
- The data model and mechanisms for sharing required product data with regulators, including how information should be structured
- Access rules and governance frameworks, defining how different stakeholders can access and manage DPP data

In this context, the GS1 Textiles and Apparel DPP Sub-team of the GS1 Circularity DPP MSWG aims to support the development and alignment of global standards for product identification, data carriers and data sharing that can facilitate implementation, based on the upcoming ESPR requirements.

### Timeline

The development of ecodesign requirements and Digital Product Passport (DPP) specifications for apparel is currently underway under the Ecodesign for Sustainable Products Regulation (ESPR) framework. Key expected milestones include:

- Ongoing preparatory study on textiles, assessing potential ecodesign and information requirements (including DPP-related data elements), and expected to be finalised in Q2 2026
- Impact Assessment, including a Call for Evidence and Open Public Consultation, to be finalised in Q4 2026
- Adoption of the ESPR Delegated Act for textiles (apparel) by the European Commission expected in the second half of 2027
- Implementation phase and transition period for industry before application expected to commence in 2028/2029

## Anticipated Work Plan

The group will embark on parallel work efforts:

- Identification and data carriers: Requirements for granularity of identification, types of data carriers, and more
- Data Sharing: Requirements for data sharing between brands, regulators, upstream manufacturers, and more

GS1's Textiles and Apparel DPP Sub-team will incorporate expected outputs from the above milestone into the GS1 DPP provisional standards to the best of our ability.

### Scope

The purpose of this sector-specific subteam is to aid GS1 member companies in readying their systems for future needs, understanding current challenges, and bringing industry to a round table to enable more interoperable data practices.

<b>In-Scope</b>	<p>The Textiles and Apparel Sub-team will specifically address:</p> <ul style="list-style-type: none"> <li>• IDENTIFY: Use of GS1 identifiers for DPP anticipated requirements including different product granularities</li> <li>• CAPTURE: AIDC requirements review including 2D, GS1 Digital Link, etc.</li> <li>• SHARE: Data sharing needs for DPP Delegated Act apparel, including fashion product master data, attributes and codelists, etc.</li> </ul> <p>Specific deliverables could include:</p> <ul style="list-style-type: none"> <li>• Apparel Application Standard which contains the normative standard for ID (AIDC) Automatic Identification Data Capture</li> <li>• Apparel Guideline which contains the instruction for ID AIDC</li> </ul>
<b>Out of scope</b>	<ul style="list-style-type: none"> <li>• Non-ESPR requirements for ESG reporting</li> <li>• Footwear or other adjacent product categories not covered by the forthcoming DPP Textiles/Apparel Delegated Act</li> </ul>
<b>Who should participate?</b>	<p>Apparel industry members, including manufacturers, brands, retailers, solution providers, and industry associations, are encouraged to attend alongside GS1 Member Organisation staff (MOs). Those with the following expertise are critical to complete this work:</p> <ul style="list-style-type: none"> <li>• A familiarity with the requirements of ESPR</li> <li>• Ability to speculate on how those requirements will manifest in apparel</li> <li>• Requirements and limitations coming from their systems that will produce the data</li> </ul> <p>To support <b>identification and data carrier</b> standardisation, GS1 seeks input from those in industry familiar with:</p> <ul style="list-style-type: none"> <li>• AIDC technologies and data carriers (barcodes, RFID, Digital Link)</li> <li>• Supply chain planning and strategy</li> <li>• GS1 data carrier standards (i.e. GS1 General Specifications, GS1 Digital Link, etc.)</li> </ul> <p>To support the <b>data sharing</b> standardisation, GS1 seeks input from those in industry familiar with:</p> <ul style="list-style-type: none"> <li>• Data modelling and ontology-building</li> <li>• JSON-LD concepts and syntax</li> <li>• GS1 Web Vocabulary</li> <li>• Web developer skills to support all the GS1 Digital Link URLs and put the DPP data on a website</li> </ul> <p><b>Note:</b> The GS1 Intellectual Property Policy and Work Group Opt-in Agreement of GS1 Circularity – DPP MSWG are required to participate.</p>
<b>Questions?</b>	<p>Nellie Gayle <a href="mailto:Eleanor.gayle@gs1.org">Eleanor.gayle@gs1.org</a> Community Engagement lead for the sub-team</p>
<b>Sign-up</b>	<p><a href="https://xchange.gs1.org/cr/qsmp/mswg/qsmpgs1cdppmswg/adppst">https://xchange.gs1.org/cr/qsmp/mswg/qsmpgs1cdppmswg/adppst</a></p>
<b>Kick-off</b>	<p>27 May 2026</p>

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