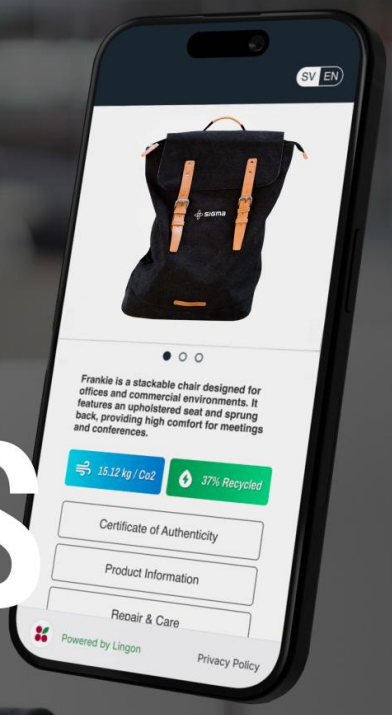
DIGITAL PRODUCT PASSPORTS

Burden or Opportunity?



TRANSPARENCY & TRACEABILITY

CERTIFICATIONS & AUTHENTICITY GUARANTEE

LEGISLATION COMPLIANCE

END-OF-LIFE MANAGEMENT

CIRCULAR BUSINESS MODELS

TRUSTWORTHY SUSTAINABILITY CLAIMS

SIGMA Technology

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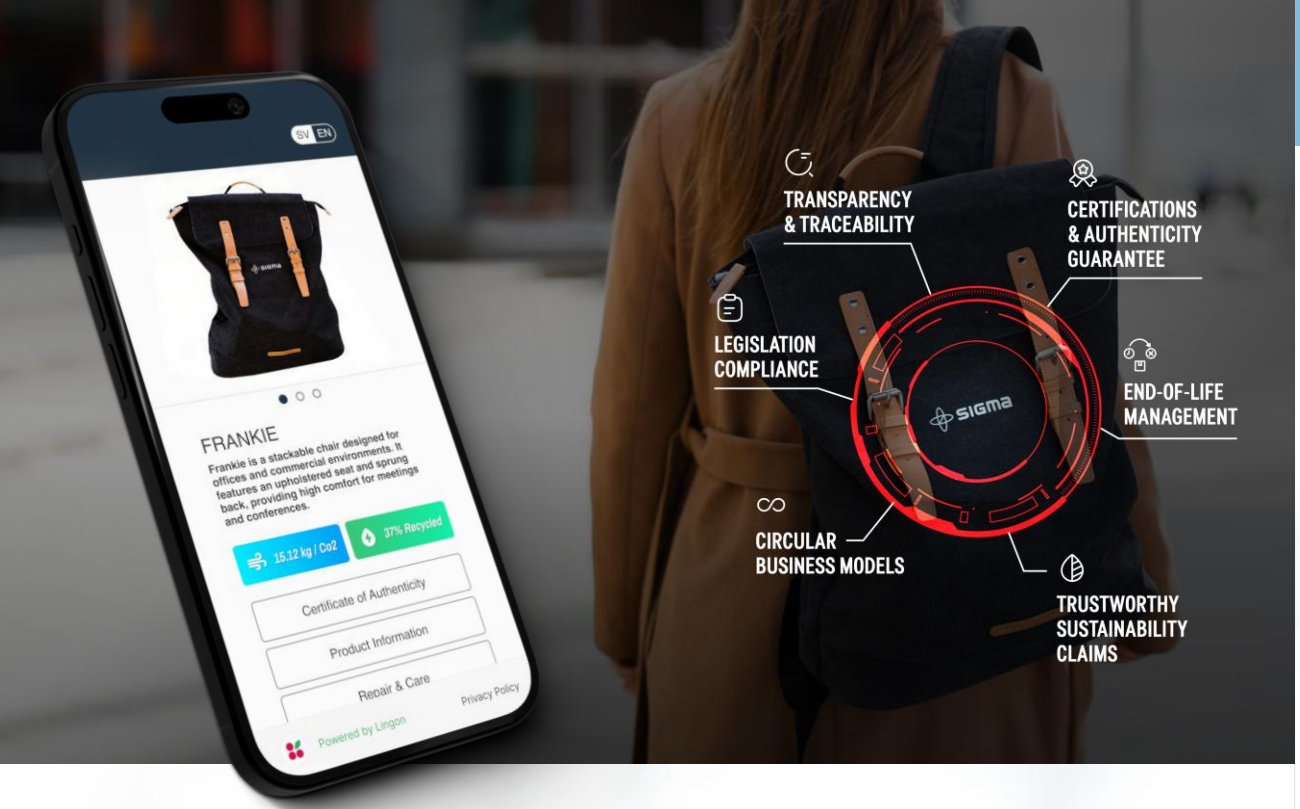


Executive summary

The European Union's Digital Product Passports (DPPs) are set to redefine how manufacturers operate across all industries, introducing a new era of product transparency, traceability, and sustainability. Mandated under the Ecodesign for Sustainable Products Regulation (ESPR), which came into force in July 2024, DPPs will soon be required for a wide range of products - from electronics and textiles to furniture, batteries, and beyond.

The shift towards more sustainable practices, such as using recycled materials and designing durable products, presents a unique chance for companies to reduce waste and appeal to a growing environmentally-conscious consumer base.

While this legislation opens doors for innovation, competitiveness, and eco-conscious design, it also introduces operational and strategic challenges. Companies will need to adapt to new data management requirements, invest in system interoperability, and align internal processes with a shifting regulatory landscape. For SMEs in particular, the path to compliance may be resource-intensive without clear guidance.

While DPPs promise a more sustainable and transparent future, they also bring forth challenges for manufacturers, particularly in terms of managing the added costs and meeting new regulatory demands. Smaller businesses, in particular, may struggle with the resources needed to comply.

In this whitepaper, Sigma Technology's experts Niklas Malmros and Amelie share their insights on how Digital Product Passports will impact manufacturers across industries. Niklas and Amelie bring deep, hands-on experience, having already implemented DPPs for real clients. Amelie also serves as a member of the Swedish Institute for Standards (SIS) committee on Digital Product Passports, contributing directly to the development of industry-wide guidelines.

Together, they answer frequently asked questions from manufacturers and provide practical guidance on navigating the new EU regulations, managing compliance, and turning sustainability demands into competitive advantage.

Interviewees

NIKLAS MALMROS

CEO Solutions Group at Sigma Technology Group

Expert in Digital Product Passports and sustainable digital transformation, with deep experience helping companies navigate EU regulations and implement future-ready solutions.

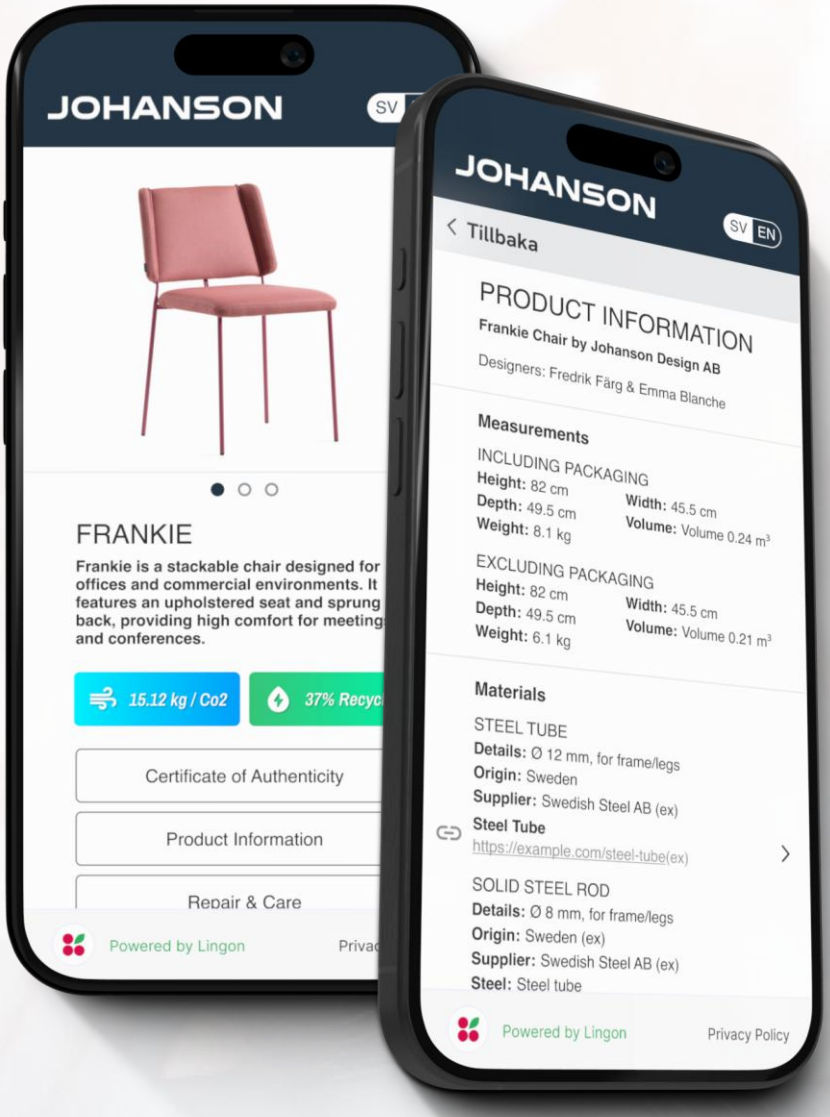
AMELIE OLSEN

Unit manager at Sigma Technology Informatics Solutions

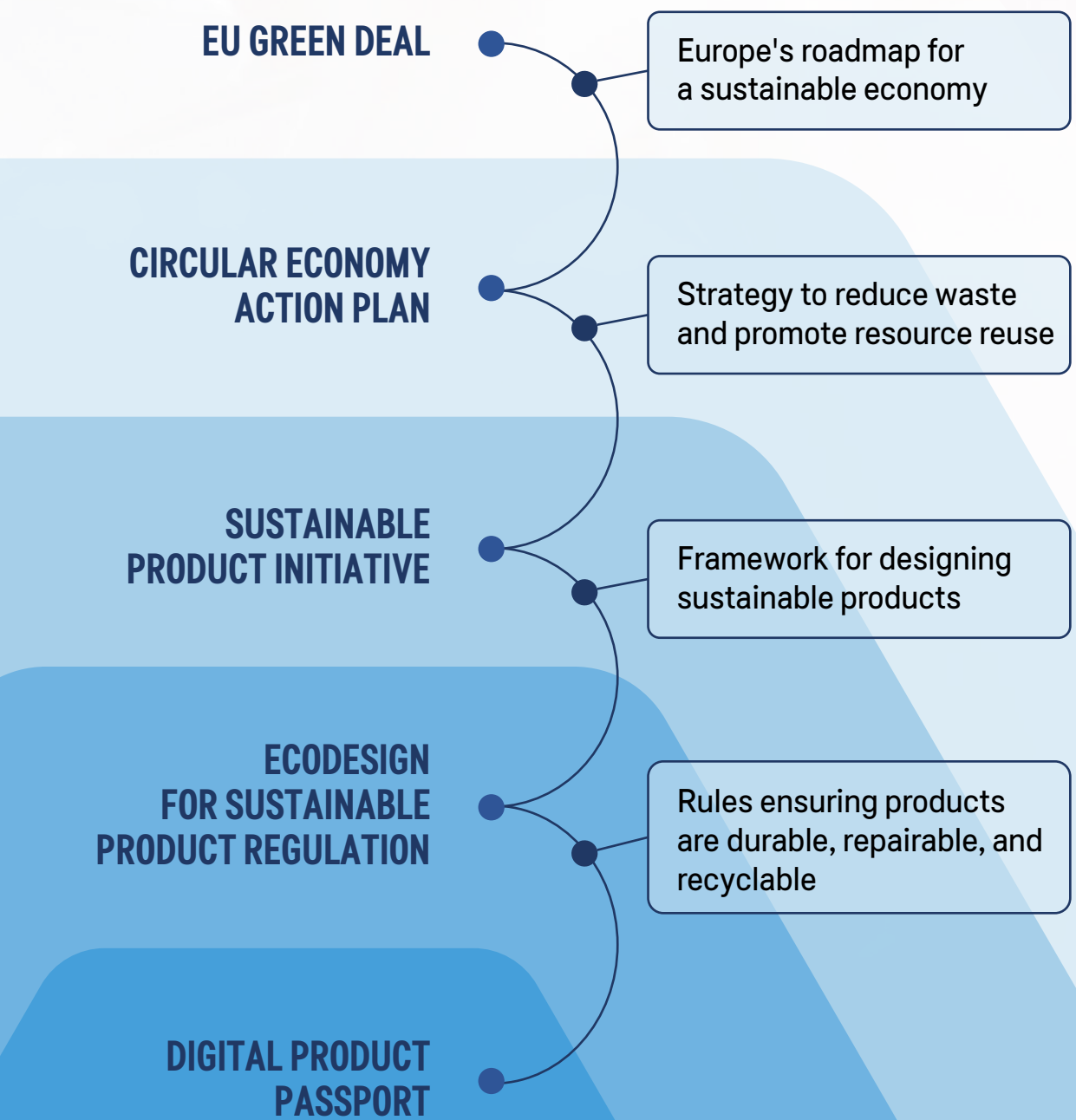
Member of the Swedish Institute for Standards (SIS) committee on Digital Product Passports.

What are digital product passports?

The Digital Product Passport (DPP) is a digital record that follows a product through its entire lifecycle, from raw materials to recycling. It makes key product data easily accessible, helping manufacturers share transparent, reliable information about materials, origin, carbon footprint, and recyclability. DPPs are a cornerstone of the EU's push for circular and sustainable products. **By acting now, your company will be ready for 2030, when DPPs become mandatory for nearly all products sold in the EU.**



Tracing the roots



Priority sectors

The EU's upcoming Digital Product Passport (DPP) will initially target 11 key product groups: Batteries, textiles, electronics and ICT, construction products, furniture, tires, detergents, paints, lubricants, energy-related products, and intermediate products such as iron, steel, and aluminium.

These have been selected because they contribute significantly to the EU's material use and carbon emissions.









DPP highlights

As the EU leads the global push for product transparency and circular economy practices, Digital Product Passports are becoming a cornerstone of sustainable regulation. This page brings together key statistics that highlight Europe's role in shaping the DPP market. Whether you are a manufacturer, policymaker, or sustainability leader, these numbers offer crucial insights into why DPPs matter — and what to expect next.

EU-FOCUSED STATS		WHY DOES IT MATTER?
36.29%	Europe already accounts for over a third of the global DPP market in 2024.	Confirms the EU's leadership and the commercial pull created by its regulation.
34.9%	CAGR (2025-2030) – Forecast annual growth rate for the global DPP market.	Signals how fast compliance and traceability services are scaling.
≈80%	of a product's environmental impact is determined at the design stage.	Underscores why the ESPR pushes focuses to upstream product data.
71%	of surveyed consumers think DPPs will increase trust in brands.	Shows reputational upside for companies that implement passports.
49%	of fashion-sector respondents are already aware of the DPP concept (early 2025).	Consumer awareness is rising well before the legal deadlines.

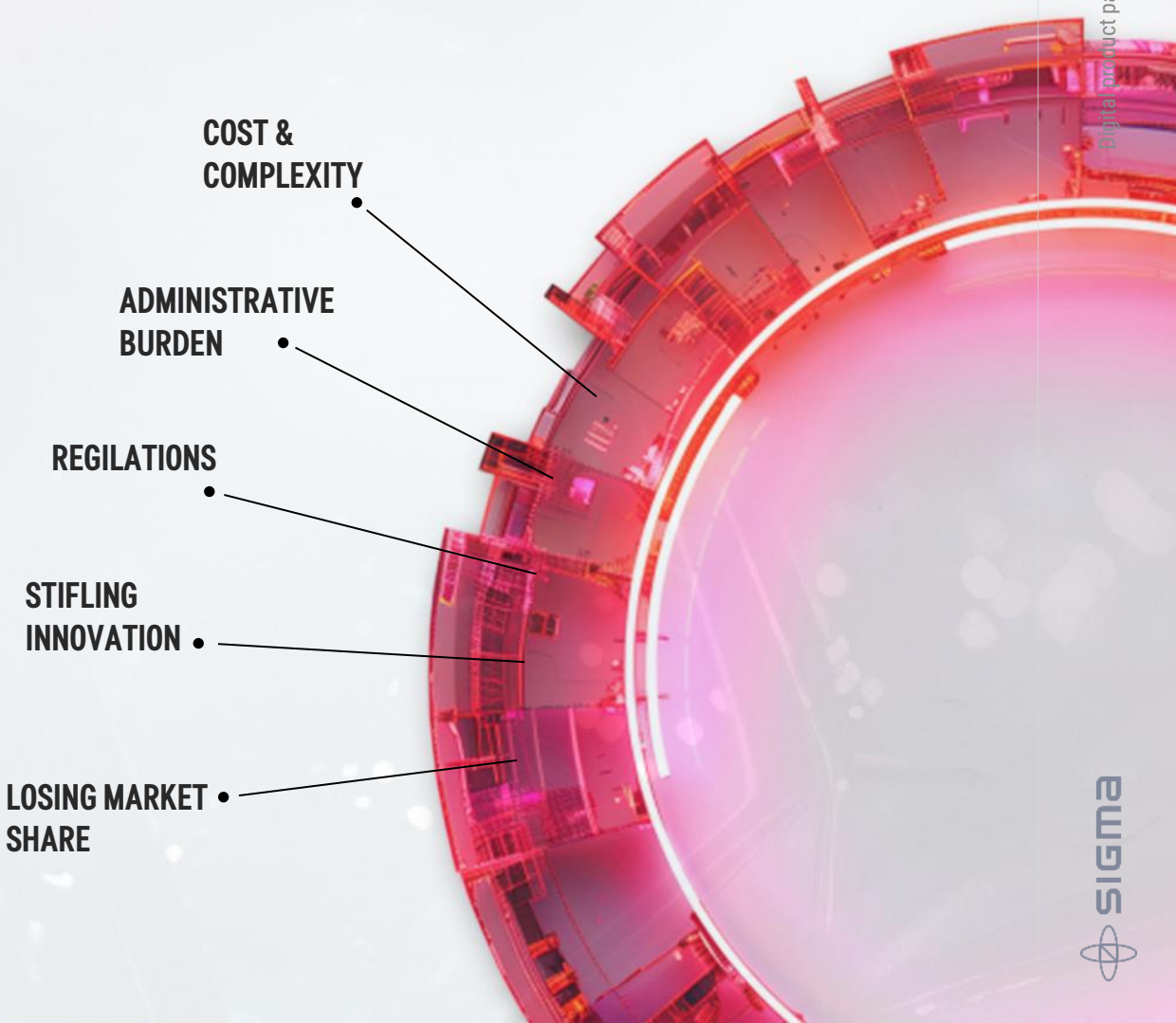
DPP highlights

EU-FOCUSED STATS		WHY DOES IT MATTER?
56%	of consumers would be more likely to buy second-hand if DPPs were available.	Quantifies the circular-economy boost.
65 %	say passports would facilitate resale.	
≥ 80 %	the top five DPP features each scored interest (product info, authenticity, repair instructions, warranty, resale data).	Indicates what information should be prioritised inside passports.

- While some industries have prototypes in market, surveys show fewer than one-in-five manufacturers have a system ready for full compliance. The next two years therefore represent a critical catch-up window for supply-chain digitisation and data governance.
- Across multiple surveys, more than 70 % of consumers expect DPPs to increase trust, and a majority say the passport would nudge them toward second-hand purchases.
- Interest in specific data fields (authenticity, repair instructions, warranty, resale history) sits above 80 %, signalling clear user priorities.

Understanding the manufacturer's frustration

Many manufacturers are frustrated by the pace and complexity of new EU regulations, especially as details and standards continue to evolve. Pressing questions arise: How will this digital infrastructure be integrated into existing operations? What costs and technical challenges will follow? And most critically, how can companies stay compliant without compromising innovation, efficiency, or competitiveness? **With 2030 approaching, non-compliance isn't just a legal risk, it's a strategic one. Those who delay action may face supply chain disruptions, lost market access, and reputational damage**



Understanding the manufacturer's frustration

COST AND COMPLEXITY OF IMPLEMENTATION

Integrating DPPs into existing IT systems can be a costly endeavor. Take, for example, a small, family-run workshop specializing in handcrafted wooden furniture. Adopting a DPP system means investing in new software, training staff in data collection and management, and ensuring compliance with evolving regulations. For businesses with limited resources, these upfront costs can strain operations and disrupt efficiency.

ADMINISTRATIVE BURDEN

DPPs require detailed record-keeping, tracking everything from raw materials to end-of-life disposal options. For any manufacturer producing a wide range of products, this means documenting the origin, composition, and recyclability of every component, even down to the smallest parts and materials. The result is a significant administrative burden, increasing staff workload and potentially impacting production timelines.

Understanding the manufacturer's frustration

UNCERTAINTY AROUND REGULATIONS

DPP requirements are still evolving, leaving manufacturers navigating a landscape of ambiguity. With regulatory details yet to be finalized, businesses must strike a delicate balance between compliance and operational flexibility, all while avoiding the risk of investing in processes that might later require adjustments.

RISK OF STIFLING INNOVATION

Many industries have embraced digital advancements — from Augmented Reality (AR) for customer engagement to AI-powered tools for design, logistics, or quality control. Forward-looking companies have invested heavily in these technologies to stay competitive and future-ready.

However, the introduction of mandatory Digital Product Passports (DPPs) adds a new financial and operational burden. Businesses now face a difficult balancing act: how to allocate resources between ensuring regulatory compliance and continuing to invest in innovation. If DPP-related costs begin to overshadow digital development budgets, the momentum of digital transformation could stall, limiting long-term competitiveness and growth.

Understanding the manufacturer's frustration

RISK OF LOSING MARKET SHARE

For smaller manufacturers, adapting to DPP requirements may pose significant challenges. Unlike large enterprises with dedicated IT departments and robust data management systems, small and midsize companies often lack the resources to easily meet complex compliance demands. A local producer specializing in custom, small-batch products could find themselves at a disadvantage — potentially losing market share to larger competitors that are better equipped to manage the administrative and technical requirements of DPPs.

FROM FRUSTRATION TO OPPORTUNITY

We hear you — Digital Product Passports can feel like just another hurdle. The costs, the admin work, the uncertainty — it's a lot. And for smaller manufacturers, the challenge can seem even greater. But here's the truth: this isn't just about regulations. It's a chance to future-proof your business, strengthen customer trust, and lead in a more sustainable industry. The best part? You don't have to figure it out alone.

That's why we created this whitepaper — to cut through the confusion and help you take control.

Turning frustration into clarity

→ For small manufacturers without in-house legal or IT experts, what are the most pragmatic first steps to prepare for DPP compliance, without getting overwhelmed or making costly missteps? Are there "low-tech" or modular approaches to start the journey, especially for companies with limited digital infrastructure?

NIKLAS MALMROS
CEO Solutions Group at Sigma Technology Group

For SMBs, the best starting point is to assess what product data already exists internally. Often, valuable information, like material composition, supplier certifications, or packaging specs, is already collected but scattered across emails, spreadsheets, or supplier documents.

Begin by mapping out what's available, who owns it, and how it aligns with expected DPP categories.

Next, avoid trying to digitize everything at once. Choose a few core products and start piloting DPP documentation for those.

Partnering is also key. Look for digital consultants, trade associations, or suppliers who are further along in DPP readiness. Many offer modular, plug-and-play tools to simplify implementation and minimize IT burden.

Finally, don't let perfection block progress. Regulators seek transparency and intent to comply, not perfection from day one. Starting small and documenting your roadmap can go a long way in demonstrating compliance readiness.

→ What organizational or cross-departmental changes are most underestimated when preparing for DPP integration?

AMELIE OLSEN
Unit manager at Sigma Technology Informatics Solutions

One of the most underestimated changes is the shift from siloed data management to cross-functional data ownership. DPPs require product-related data from design, procurement, production, logistics, sustainability, and legal departments. Many companies assume IT or sustainability teams will manage the DPP process, but success depends on collaboration between departments that rarely coordinate on data alignment. This demands a cultural shift toward shared accountability and the creation of new workflows for data validation and updates.

Another overlooked challenge is the impact on product development and procurement. For example, design teams must start considering traceability and circularity data from the earliest concept phase, which is often not part of their existing responsibilities. Procurement teams must ensure that suppliers provide verified data and certifications, which adds new demands to supplier relationships. Without clear processes and support, these changes can disrupt existing routines and create friction.

Companies also tend to underestimate the importance of internal education and training. DPPs are not just a regulatory requirement but a transformation in how product data is managed. Without structured onboarding and role-specific guidance, staff may see DPPs as just another layer of administration. This can lead to low engagement and inconsistent data quality. It is essential to show each function how DPPs connect to their work and how they support broader goals.

Finally, leadership involvement is critical. When DPPs are treated as a compliance checkbox, they are deprioritized and underfunded. Effective integration requires executive support, clearly defined responsibilities, and a roadmap that aligns with the company's long-term objectives, such as sustainability, supply chain transparency, or product innovation.

START WITH A FOCUSED PILOT AND OVERCOMMUNICATE THE WHY.

One of the best ways to reduce stress and internal resistance is to choose one product line or category and use it as a learning lab for your DPP implementation. Keep the scope limited, but realistic enough to surface challenges. This lets your teams experiment, fail safely, and gradually build confidence before scaling up.

At the same time, make sure you're not just communicating what needs to be done, but why it matters. Help every team, from design to logistics, understand how DPPs tie into bigger goals like regulatory readiness, customer trust, and sustainability.

When people see the purpose behind the task, they are far more likely to stay engaged, proactive, and cooperative.

→ Given the fragmented supplier landscape, how do you ensure upstream and downstream data accuracy and compliance across tiers?

NIKLAS MALMROS
CEO Solutions Group at Sigma Technology Group

Ensuring data accuracy across fragmented supplier tiers hinges on standardized processes, collaborative engagement, and pragmatic use of established standards. In Sweden, many organizations rely heavily on international frameworks such as the GS1 system of identifiers and ISO/IEC 15459-compliant standards. GS1 Sweden specifically promotes its standardized data models as a robust foundation for Digital Product Passports (DPPs), providing clear guidelines for interoperability across complex supply chains.

A recommended approach is establishing structured, universally recognized templates based on GS1's identifiers to ensure uniform data collection from suppliers. By clearly defining the type, format, and frequency of required data, suppliers at all tiers have less ambiguity, enhancing data consistency and compliance.

Finally, while digital technologies like blockchain and traceability platforms facilitate scalability and trust, their effectiveness strongly depends on initial standardization of data. In Sweden, the principle is clear: technology should support—but never replace—the core practices of standardization, audit routines, and human verification.

By adhering to globally recognized standards like GS1 and ISO/IEC 15459 and fostering structured, transparent, and collaborative supply chain relationships, Swedish companies can effectively achieve robust upstream and downstream DPP compliance.

→ What are the legal risks if a manufacturer cannot guarantee the accuracy of supplier-provided DPP data and how can they be mitigated contractually?

AMELIE OLSEN
Unit manager at Sigma Technology Informatics Solutions

The primary legal risk for manufacturers is liability for non-compliance, even if inaccurate or incomplete data originates from upstream suppliers. The product's final producer or brand owner is typically held accountable for the content and accuracy of the passport. This means that if a supplier provides false, outdated, or incomplete data, such as incorrect material origin, the manufacturer may still face fines, product recalls, or bans from the EU market.

Inaccurate DPP data may also expose companies to claims of greenwashing, especially if environmental or circularity claims made in the passport cannot be substantiated. This risk is heightened in B2C markets, where consumers can challenge misleading product claims. Furthermore, from a B2B perspective, false or unverifiable DPP data can lead to breach of contract claims, reputational damage, and even suspension of commercial partnerships or public procurement eligibility.

HOW TO MITIGATE?

To reduce legal risks from inaccurate supplier-provided DPP data, manufacturers should build clear protections into their contracts. First, suppliers must officially confirm that the data they provide is correct, complete, and up to date. Contracts should also include indemnity clauses, meaning suppliers share responsibility if their data causes issues like fines or product recalls. It's important to reserve the right to verify or audit supplier data when needed, keeping accountability high.

→ How do you prepare for overlapping regulations (e.g., ESPR, REACH, Battery Regulation) that might require conflicting DPP formats or data sets?

NIKLAS MALMROS
CEO Solutions Group at Sigma Technology Group

The key to managing overlapping regulations is building a flexible, modular data architecture from the start. Many manufacturers make the mistake of treating each regulation as a separate compliance project, but this leads to data silos, conflicting formats, and costly rework. Instead, it's more effective to map all required data elements across regulations like ESPR, REACH, and the Battery Regulation and identify shared fields (e.g., material composition, hazardous substances, recyclability). These shared fields can form the core of your product data model.

To support this, companies should adopt open, interoperable data standards such as those developed by GS1. Investing in a centralized Product Information Management (PIM) or Product Lifecycle Management (PLM) system can also help maintain one source of truth for all product-related data.

DATA MAPPING TIP!

Data mapping can feel overwhelming if you try to cover your entire product portfolio from day one. Instead, choose one key product or product family, ideally one that's high-volume, high-visibility, or soon to fall under EU regulation, and use it as a pilot. This focused approach helps you uncover gaps, refine your data model, and build internal knowledge without overwhelming your teams. Once the structure is tested and working, scaling it across other products becomes much easier and less risky.

→ What are the practical challenges in integrating recycled content traceability and circularity metrics into DPPs?

AMELIE OLSEN
Unit manager at Sigma Technology Informatics Solutions

One of the biggest challenges in integrating recycled content into Digital Product Passports (DPPs) is the lack of standardized, verifiable data from upstream suppliers. This is especially true when materials come from informal recycling streams or global sources. Many recyclers still lack systems to track the origin, processing method, or percentage of recycled content in a consistent digital format, making it hard for manufacturers to provide reliable, audit-ready data.

Another issue is the difficulty of measuring circularity beyond just recycled content. Circularity also includes design for disassembly, lifespan, reuse, and repairability. These are often hard to quantify, and there is no unified EU method for calculating or verifying them across industries. As a result, companies risk using inconsistent methods, which reduces trust in DPPs.

Data fragmentation also makes things harder. Circularity data is often spread across supplier documents, quality systems, spreadsheets, or LCA tools, and not structured in a way that fits DPPs. Even with PLM or PIM systems, this data is often incomplete or unstructured, which complicates automation.

Finally, if recycled content claims are not backed up, brands may face accusations of greenwashing. To avoid this, companies need strong documentation, clear expectations for suppliers, and ideally third-party verification, although many smaller suppliers are not yet ready for that level of transparency.

→ How do you propose addressing the complexities of integrating DPPs without disrupting production flow?

AMELIE OLSEN
Unit manager at Sigma Technology Informatics Solutions

> *To address the complexities of integrating Digital Product Passports without disrupting production flow, it's essential to keep it simple and reuse what is already there. Focus on straightforward solutions that address the core needs without adding unnecessary complexity.*
>
> *It's important to use existing systems, processes, and resources that are already proven to work within your production environment. This approach minimizes disruption and ensures a smoother transition by building on familiar foundations.*

→ For companies that have yet to embrace digitalization, is there a concern that the simultaneous requirement to adopt digital technologies and implement DPPs might lead to frustration and operational challenges? How can these companies be effectively supported through this transition?

> *Yes, there is a concern that companies new to digitalization might face frustration and operational challenges when required to adopt digital technologies and implement DPPs simultaneously.*

Demystifying the frustration

To support these companies effectively, they should start by setting clear goals and developing a strategic plan to understand their objectives and the steps needed to reach them.

Taking charge of their own digitalization journey allows them to tailor the process to their specific needs. Leveraging technology for automation can reduce the burden of manual tasks and improve efficiency. Starting with small, manageable projects helps build confidence and experience while reusing existing resources saves time and money.

Providing comprehensive support and training, as well as seeking external assistance from technology providers or consultants, can offer additional expertise and resources. By focusing on these strategies, companies can navigate the complexities of digitalization and DPP implementation more effectively, reducing frustration and operational challenges.

Demystifying the frustration

→ How can smaller manufacturers leverage Digital Product Passports to enhance their competitive edge rather than being overwhelmed by implementation costs and administrative burdens? Given the potential for larger manufacturers to more easily adapt to DPPs, how can we ensure a level playing field in the market to prevent smaller players from being overshadowed?

NIKLAS MALMROS
CEO Solutions Group at Sigma Technology Group

Smaller manufacturers can use DPPs to enhance their competitive edge by focusing on simplicity and resourcefulness. They can integrate DPPs into existing systems to minimize costs, collaborate with other small manufacturers to share knowledge and expenses, and highlight unique selling points like sustainability to attract niche markets.

Seeking government and industry support, adopting a phased implementation approach, and partnering with scalable technology providers can also help manage costs and administrative burdens. To ensure a level playing field, advocating for fair regulations, promoting standardization, and encouraging transparency among larger manufacturers are crucial steps. By focusing on these strategies, smaller manufacturers can effectively leverage DPPs while managing costs and administrative challenges.

Demystifying the frustration

→ How can the initial costs of DPP implementation be mitigated through available collaborative industry efforts?

AMELIE OLSEN
Unit manager at Sigma Technology Informatics Solutions

Numerous SMEs face significant challenges in implementing the Digital Product Passport (DPP). These businesses, even in design-forward regions like Sweden, often struggle with lower levels of digital maturity, making the transition to DPP compliance complex and costly. While funding opportunities exist, focusing on strategic operational adjustments and collaborative initiatives can significantly mitigate initial expenses. Industry collaboration is paramount. Joint pilot projects enable SMEs to pool resources and share knowledge, testing DPP solutions in real-world scenarios. These projects facilitate the development of shared data models, standardized processes, and interoperable systems.

Such collaborations can also strengthen negotiating power with technology providers, potentially leading to more favorable pricing structures. Furthermore, establishing knowledge-sharing platforms, including webinars, workshops, and online resources, empowers businesses with best practices and tools for DPP implementation. This collaborative approach fosters a supportive environment for SMEs navigating the complexities of DPP.

Standardized solutions and open-source tools offer another avenue for cost reduction. Adopting open standards for data exchange minimizes vendor lock-in and simplifies integration with existing systems.

Demystifying the frustration

Exploring open-source software can further reduce expenses, although careful evaluation and adaptation are essential. A phased implementation approach, prioritizing key products or product lines, allows SMEs to gain experience and refine processes before scaling up. A modular approach to integrating different aspects of the DPP, like material declarations and recyclability information, also spreads costs and effort over time. This strategic phasing allows businesses to learn and adapt without overwhelming their resources.

Training employees is crucial. This includes data management, software tools, and regulations. Collaborating with educational institutions ensures a skilled workforce.

→ In light of evolving consumer preferences towards sustainability and ethical sourcing, how can DPPs empower manufacturers to communicate genuine sustainability efforts effectively without falling into the trap of "greenwashing"?

The implementation of DPP increases the demand for transparency and traceability. Environmental certifications, such as “Svanen” and other documentation, become easily accessible to the customer. By being transparent and accountable, DPP enables customers to compare products more easily, thereby making more sustainable choices and countering "greenwashing." The digital product passport turns traceability and accountability into competitive advantages.

Book a DPP workshop

Digital Product Passports aren't just another checkbox. They're your ticket to smarter products, cleaner supply chains, and stronger customer trust.

But let's be honest: implementing DPPs across fragmented systems and global suppliers? That's no small effort. We're here to help you cut through the noise and build a clear, confident path forward.

OUR DPP WORKSHOP IS YOUR FAST TRACK TO

- Understanding what matters and what doesn't in the maze of EU regulations
- Mapping your product data without losing your mind
- Bringing legal, tech, and sustainability teams into the same room
- Turning supplier chaos into a structured, traceable ecosystem
- Avoiding greenwashing risk with verified, audit-ready documentation

This isn't a lecture. It's a hands-on strategy session designed around your business, your products, and your reality.

BOOK A SESSION:

AMELIE OLSEN

Unit manager at Sigma Technology Informatics Solutions

Member of the Swedish Institute for Standards (SIS) committee on Digital Product Passports.

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Once again about the value for you and your customers

Benefits for businesses

STREAMLINED COMPLIANCE

Digital Product Passports enable manufacturers to easily comply with diverse regulations such as waste management and safety standards, reducing administrative burden and minimizing the risk of non-compliance fees.

ENHANCED SUPPLY CHAIN TRANSPARENCY

Digital Product Passports provide comprehensive visibility into the entire supply chain, allowing manufacturers to make informed, data-driven decisions. This fosters operational efficiency and facilitates proactive resource management.

COST SAVINGS

By optimizing resource management through insights gained from DPPs, manufacturers can realize significant cost savings, improving overall profitability.

DPP IS AN INVESTMENT

DPPs can be seen as a smart investment in sustainability and innovation. By integrating DPPs into their processes, manufacturers can improve product quality, durability, and recyclability, thus positioning themselves as leaders in sustainable production and gaining a competitive edge in the evolving market.

Benefits for businesses

BRAND REPUTATION

Implementing DPPs demonstrates a commitment to responsible manufacturing practices, enhancing brand reputation and consumer trust. This contributes to a positive perception of the manufacturer as a value creator for society by prioritizing sustainability and transparency.

DRIVING DIGITAL MATURITY

The initiative encourages hesitant businesses to embrace digital technologies, fostering a more modern and competitive industry. By requiring detailed digital documentation of product life cycles, DPPs push manufacturers to adopt advanced digital tools and processes. This not only ensures compliance with EU regulations but also enhances efficiency, supply chain transparency, and sustainability.

Benefits for businesses

MEETING ADVERTISED QUALITY STANDARDS

The transparency ensures that the products they purchase are authentic and meet the advertised quality standards. It also helps in verifying the ethical and sustainable sourcing of materials, allowing consumers to make informed decisions aligned with their values.

IMPROVED MAINTENANCE AND LIFECYCLE MANAGEMENT

DPPs improve maintenance and lifecycle management by offering easy access to care instructions, replacement parts, and warranty details. This helps extend the lifespan of the product, enhances user safety with updates on recalls, and promotes a more sustainable approach to the product ownership.

ENVIRONMENTAL IMPACT

DPPs promote sustainability by encouraging responsible sourcing of materials and facilitating efficient waste management practices. This reduces the environmental footprint and contributes to the preservation of natural resources for future generations.

SOCIAL RESPONSIBILITY

Manufacturers adopting DPPs contribute to a healthier and safer society by ensuring product safety and transparency. This fosters consumer trust and confidence, leading to a more ethical marketplace where societal well-being is prioritized.

Implementation roadmap

Roadmap for Digital Product Passport Implementation

1 UNDERSTAND THE REQUIREMENTS

- Identify regulatory and industry-specific DPP requirements (EU regulations, standards, data formats).
- Analyze how DPPs impact your product lifecycle and supply chain.

2 ASSESS CURRENT DATA & SYSTEMS

- Map existing product data sources (ERP, PLM, BOM, supply chain databases).
- Identify data gaps and integration needs.

3 DEFINE THE DPP STRATEGY

- Choose the right data model and technology (QR codes, blockchain, cloud storage).
- Align DPP objectives with sustainability and compliance goals.

4 DEVELOP & INTEGRATE DIGITAL SYSTEMS

- Implement or upgrade digital tools for tracking materials, components, and product details.
- Ensure interoperability with supply chain partners and regulatory platforms.

Roadmap for Digital Product Passport Implementation

5 DEPLOYMENT & LAUNCH (2-4 MONTHS)

- Pilot launch: Implement DPPs for a select product line or market segment.
- Feedback Collection & Refinement: Gather feedback and improve processes.
- Full-Scale Rollout: Expand DPP implementation to all products and markets.
- Communication & Training: Inform stakeholders and provide training on accessing DPPs.

6 OPTIMIZATION & CONTINUOUS IMPROVEMENT (ONGOING)

- Performance Monitoring: Track system performance and data quality.
- Compliance Monitoring: Stay updated on evolving standards and regulations.
- Continuous Improvement: Identify areas for optimization and implement changes.
- Long-Term Integrator Partnership: Maintain a strong relationship with the integrator for ongoing support and development.

This 6-stage roadmap provides a more concise overview of the DPP implementation process while still highlighting the essential role of the technology integrator. It focuses on key activities and deliverables within each stage, making it easier to track progress and manage the project effectively.

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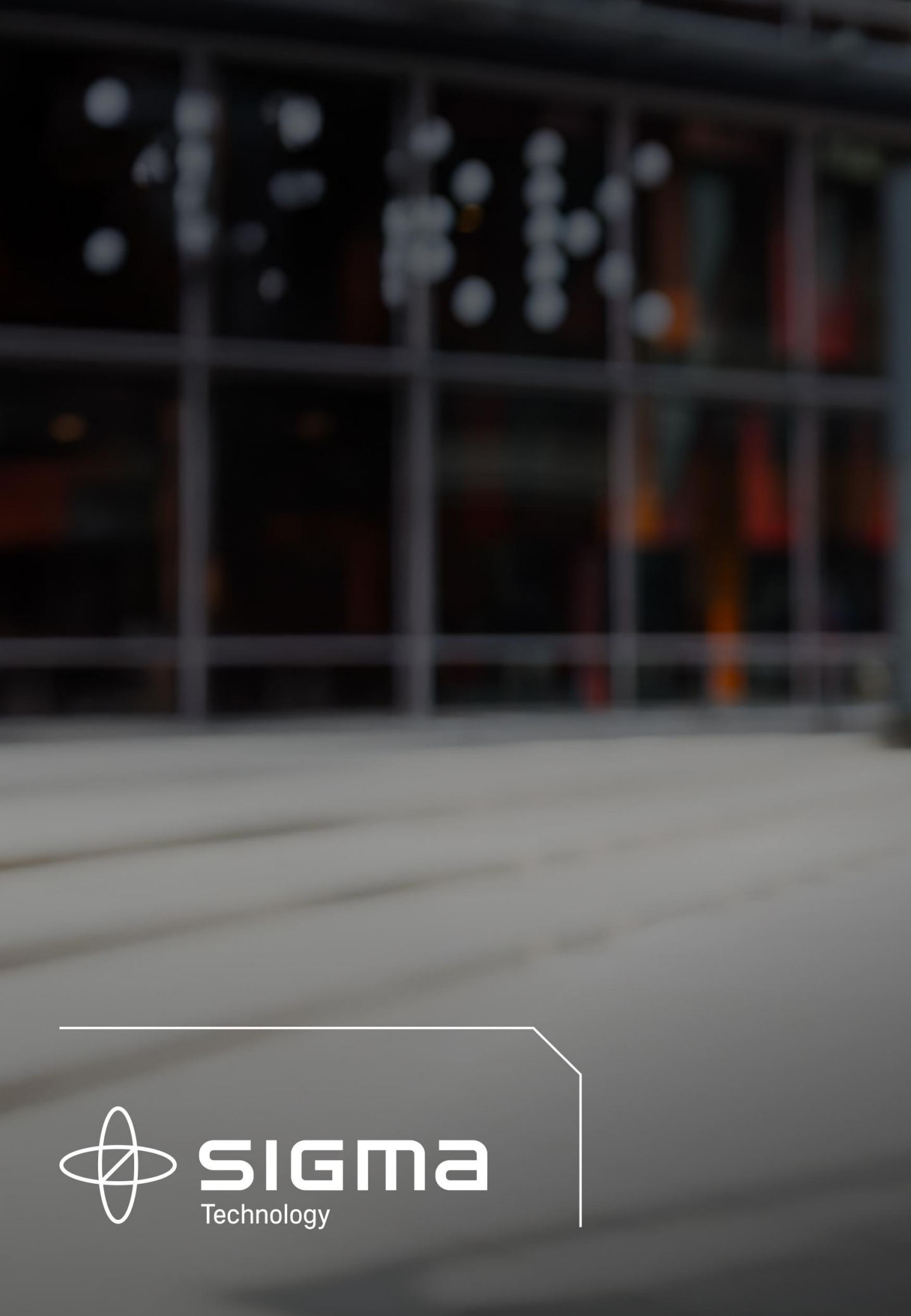
Data sources

- → LOFTWARE
- → GRANDVIEWRESEARCH
- → EUROPARL
- → CERTILOGO
- → VOGUEBUSINESS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