

## INTERVIEW QUESTIONS

This document contains the primary and probing questions developed for the expert interviews. Two sets of questions were prepared considering the roles of the participants:

### 1. Questions for cybersecurity experts:

Table 1: Question for cyber security experts (Table 1)

Primary Questions	Probing Questions
What is your background?	<ol style="list-style-type: none"><li>1. What is your professional background (in relation to cybersecurity)?</li><li>2. How many years of experience do you have in the current role?</li></ol>
What security risks do you think are associated with data storing and systems like DPP?	<ol style="list-style-type: none"><li>1. Security risks associated with DPP</li><li>2. Are there any specific risk related to data integrity, unauthorized access, or interoperability?</li></ol>
What techniques are currently available to secure access to data environments like DPP?	<ol style="list-style-type: none"><li>1. What are the advantages and disadvantages of RBAC and ABAC in DPP?</li><li>2. Are there any context aware or ontology-based access control solutions being explored?</li></ol>
What are the limitations of currently available access control methods?	<ol style="list-style-type: none"><li>1. Is existing access control mechanism flexible enough to support dynamic changes in user roles and permissions?</li><li>2. What are the challenges of enforcing fine-grained access control policies in DP?</li></ol>
What are the evaluation techniques are used to assess the performance of an access control model?	<ol style="list-style-type: none"><li>1. What are the key performance indicators (KPIs) for measuring access control effectiveness?</li><li>2. Are there standard benchmarking frameworks for assessing access control in systems like DPP?</li></ol>
What are the emerging trends or innovations could enhance access control for systems like DPP?	<ol style="list-style-type: none"><li>1. What is your understanding of OBAC?</li><li>2. What could be the key challenges in adopting these innovations on a large scale?</li></ol>
What recommendations would you give for designing a scalable access control model?	

### 2. Questions to DPP Users (Table 2):

Table 2: Questions for DPP Users

Primary Questions	Probing Questions
What is your background?	<ol style="list-style-type: none"><li>1. What is your role?</li><li>2. What are your responsibilities?</li><li>3. What types of data do you work with?</li><li>4. Who typically accesses or uses this data internally or externally?</li><li>5. How many years of experience do you have in the current role?</li></ol>

Are you involved in any initiatives related to product data digitalization or sustainability reporting? For example, material passport?	<ol style="list-style-type: none"> <li>1. Are you familiar with any platforms where product data is shared across supply chain?</li> <li>2. Have you encountered Digital Product Passport or similar tools?</li> </ol>
In your opinion, what kinds of product data should be openly accessible, and what should be restricted?	<ol style="list-style-type: none"> <li>1. What product data is considered as sensitive data?</li> <li>2. Are there legal, competitive, or privacy concerns with sharing these kinds of data?</li> <li>3. Who should be allowed to access these sensitive data?</li> </ol>
What are your main concerns around sharing data with external stakeholders? For example, contractors, regulators, customers etc.	<ol style="list-style-type: none"> <li>1. What are the possible risks associated with systems like DPP?</li> <li>2. Is there a risk of data misuse?</li> <li>3. Have you ever felt the stakeholders getting more information than they need or otherwise?</li> <li>4. How important is trust in data sharing systems like DPP?</li> </ol>
What measures do you currently have in place or suggest having to control access to the data?	<p>If the expert has experience working with data sharing platforms:</p> <ol style="list-style-type: none"> <li>1. Is there role-based access control implemented to the current systems?</li> <li>2. Have you faced issues or concerns with unauthorized access to any sensitive data?</li> </ol> <p>If the expert doesn't have experience working with data sharing platforms</p> <ol style="list-style-type: none"> <li>1. What recommendations you have, to secure the data available in systems like DPP?</li> </ol>
What would make you more comfortable sharing data through a system like DPP?	<ol style="list-style-type: none"> <li>1. Does developing a system for better control over who sees what data would make you more comfortable with systems like DPP?</li> <li>2. What role does transparency logs and permission policies have?</li> <li>3. Is there a widely accepted standard in the industry?</li> </ol>