**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)

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| **Primary Questions​** | **Probing Questions​** |
| What is your background?​ | 1. What is your professional background (in relation to cybersecurity)?​ 2. How many years of experience do you have in the current role?​ |
| What security risks do you think are associated with data storing and systems like DPP?​ | 1. Security risks associated with DPP​ 2. Are there any specific risk related to data integrity, unauthorized access, or interoperability?​ |
| What techniques are currently available to secure access to data environments like DPP?​ | 1. What are the advantages and disadvantages of RBAC and ABAC in DPP?​ 2. Are there any context aware or ontology-based access control solutions being explored?​ |
| What are the limitations of currently available access control methods?​ | 1. Is existing access control mechanism flexible enough to support dynamic changes in user roles and permissions?​ 2. What are the challenges of enforcing fine-grained access control policies in DP?​ |
| What are the evaluation techniques are used to assess the performance of an access control model?​ | 1. What are the key performance indicators (KPIs) for measuring access control effectiveness?​ 2. Are there standard benchmarking frameworks for assessing access control in systems like DPP?​ |
| What are the emerging trends or innovations could enhance access control for systems like DPP?​ | 1. What is your understanding of OBAC?​ 2. What could be the key challenges in adopting these innovations on a large scale? ​ |
| What recommendations would you give for designing a scalable access control model?​ | ​ |

1. Questions to DPP Users (Table 2):

Table 2:Questions for DPP Users

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| **Primary Questions​** | **Probing Questions​** |
| What is your background?​ | 1. What is your role?​ 2. What are your responsibilities?​ 3. What types of data do you work with?​ 4. Who typically accesses or uses this data internally or externally?​ 5. How many years of experience do you have in the current role?​ |
| Are you involved in any initiatives related to product data digitalization or sustainability reporting? For example, material passport?​ | 1. Are you familiar with any platforms where product data is shared across supply chain?​ 2. Have you encountered Digital Product Passport or similar tools?​ |
| In your opinion, what kinds of product data should be openly accessible, and what should be restricted?​ | 1. What product data is considered as sensitive data?​ 2. Are there legal, competitive, or privacy concerns with sharing these kinds of data?​ 3. Who should be allowed to access these sensitive data?​ |
| What are your main concerns around sharing data with external stakeholders? For example, contractors, regulators, customers etc.​ | 1. What are the possible risks associated with systems like DPP?​ 2. Is there a risk of data misuse?​ 3. Have you ever felt the stakeholders getting more information than they need or otherwise?​ 4. How important is trust in data sharing systems like DPP?​ |
| What measures do you currently have in place or suggest having to control access to the data?​ | If the expert has experience working with data sharing platforms:​   1. Is there role-based access control implemented to the current systems?​ 2. Have you faced issues or concerns with unauthorized access to any sensitive data?​   If the expert doesn't have experience working with data sharing platforms​   1. What recommendations you have, to secure the data available in systems like DPP?​ |
| What would make you more comfortable sharing data through a system like DPP?​ | 1. Does developing a system for better control over who sees what data would make you more comfortable with systems like DPP?​ 2. What role does transparency logs and permission policies have?​ 3. Is there a widely accepted standard in the industry?​ |