

# [IAP] Intelligent Asset - Foundational Industrial Platform

## #DRAFT

**Initiative brief**

📖 Readme

\* Required information

- Project details
- Phase 1:
  - Envision - High level initiatives
    - First, let's start with the Problem space
- Phase 2:
  - Strategize
- My tasks

## Project details

<b>Phase</b>	<input checked="" type="checkbox"/> Envision <input type="checkbox"/> Strategize
<b>Status</b>	APPROVED
<b>Start Date</b>	TBD 21 Sept 2022
<b>Initiative name</b>	Foundational Industrial Platform
<b>Description of the initiative</b>	<p>The current approach for industrial applications could evolve to application hell management due to fragmentation: hard integrations, duplicate functionalities, exponential number of vendors to manage . Added to this complexity, today's industrial architectures are not pure cloud, but rather a hybrid of edge, on-premises, and cloud. To ensure the Intelligent Asset Platform has a solid foundation under which it evolve and scale, we evaluate and pilot a hybrid FIP (Foundational Industrial Platform) for industrial and lab environments, able to offer a common set of cross-layer integration mechanisms, security by design, and ready-to-deploy most common SaaS applications.</p>
<b>Domain &amp; Product</b>	
<b>Requested Domain Journey / Platform</b>	<input type="checkbox"/> Platf1- Data & Analytics & AI Platform <input type="checkbox"/> Platf2 A- Develop, Test & Deploy Platform <input type="checkbox"/> Platf2 B- Multi experience Platform <input type="checkbox"/> Platf2 C- Ent. Business Systems Platform <input type="checkbox"/> Platf3 A- Ecosystem Platform <input type="checkbox"/> Platf3 B- Hybrid & Cloud Platform <input checked="" type="checkbox"/> Platf3 C- Intelligent Asset Platform <input type="checkbox"/> Platf4- Info Security and Compliance Platform <input type="checkbox"/> Platf5- Workplace Platform  <input type="checkbox"/> Journ1- Digital Customer Journey <input type="checkbox"/> Journ2- Digital Ops & Corporate Enablement Journey <input type="checkbox"/> Journ3- Digital Employee Journey <input type="checkbox"/> Journ4- Prepare the Future & Connected Research Journey  <input type="checkbox"/> DTmng3- DT Enablement & Transformation

## My tasks

- Enter your task here, using « @ » to assign it to a user and « // » to select a due date
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<b>Involved Domain Journey/ Platform</b>	<input type="checkbox"/> Platf1- Data & Analytics & AI Platform <input type="checkbox"/> Platf2 A- Develop, Test & Deploy Platform <input type="checkbox"/> Platf2 B- Multi experience Platform <input type="checkbox"/> Platf2 C- Ent. Business Systems Platform <input type="checkbox"/> Platf3 A- Ecosystem Platform <input checked="" type="checkbox"/> Platf3 B- Hybrid & Cloud Platform <input type="checkbox"/> Platf3 C- Intelligent Asset Platform <input type="checkbox"/> Platf4- Info Security and Compliance Platform <input type="checkbox"/> Platf5- Workplace Platform  <input type="checkbox"/> Journ1- Digital Customer Journey <input type="checkbox"/> Journ2- Digital Ops & Corporate Enablement Journey <input type="checkbox"/> Journ3- Digital Employee Journey <input checked="" type="checkbox"/> Journ4- Prepare the Future & Connected Research Journey  <input type="checkbox"/> DTmng3- DT Enablement & Transformation
<b>Initiative Ownership</b>	
<b>Digital Technology Partner</b>	@
<b>Product Manager / Service Delivery</b>	<a href="#">Jean-Luc Rosse</a>
<b>Roadmap &amp; Key objectives</b>	
<b>Roadmap</b>	<a href="#">Access the defined priorities</a>
<b>2023 Digital Technology Key objective</b>	
<b>Priority</b>	<i>Enter the level of priority of your initiative: P1 must do by day 1/ P2 can do/ P3 parked for now</i>

## Phase 1: Envision - High level initiatives



Do

- Create Envision brief if the initiative is part of the validated roadmap
- Highlight roadmap value
- Request a budget for Strategize if you need one
- [Security scoring](#)
- [RADAR/SENTRI](#)



#### Don't

- Request platform resources if the business capability is already identified and clear
- Write portfolio epics, epics and user stories
- Identify squad resources

## First, let's start with the Problem space

### 1.1. Reason

\* Why is this initiative proposed today?

### 1.2. Benefits

What are the new capabilities expected?

What will it replace? Is it a new solution or an existing one?

### 1.3. Target users

Who are the future users?

What is the number of users impacted?

## What about the Business Needs?

### 1.4. Value proposition

What is the value of the initiative?

### 1.5. Business goals

How does the product / deliverable align with the business goals?

### 1.6. Challenges

Are there any challenges in developing the product?

## 1.7. Business metrics

How will we measure success?

## 1.8. Cybersecurity

Please duplicate [this template](#) in [this folder](#). Then, for the envision phase, answer to the 7 high-level questions in the "Security Scoring" sheet. These questions will help the SIP team to determine the level of cybersecurity & compliance support you will need. Please contact the team by email: [@SIP\\_team@solway.com](mailto:@SIP_team@solway.com)

## 1.9. Up to investment

What is the coherent time to commit on the initiative?\*

Estimated Delivery phase start date*	Estimated Delivered end Quarter*
02 Oct 2022	Q3 2023

What is the coherent money to commit on the initiative?\*

	2023 (in K€)*	2024 (in K€)*	2025 (in K€)
Estimated size of investment (high level)	60		

What is the coherent run and build commit on the initiative?

Estimated run costs (estimation high level) - on 10Y (if already known)	Type of savings expected /year for DT (Ex: Contracts, FTE, ...)

## 1.10. Resources

What skills and talents do we need?

## 1.11. Methodology to apply (refer for Accolade)

Do you think if your initiative is compatible with a waterfall approach with an agile approach?

- Agile model
- Waterfall model
- I do not know at this stage

If the initiative will be done in Agile methodology, please contact during the strategize phase [Nicolas LOVAGNINI](#)

## Phase 2: Strategize



### Do

- Identify portfolio epics and epics within each portfolio epics
- Create a document / slide / spreadsheet to build your epics and put a link in the brief
- Estimate experts and budget by portfolio epics or by increment
- Show SMART KPI (Specific, Measureable, Achievable, Relevant, and Time-Bound)
- Evaluate the impact on Solvay One Planet objectives



### Don't

- Identify squad resources (naming)
- Write user stories

## Now, we can move on to the Solution space

### 2.0 Scope / Deliverables

What is the scope (technical, functional & organizational) / deliverables foreseen?

### 2.1. Actions to complete

Mandatory actions * (please contact them together if possible)		
Description of the action / task	Contact	Document & examples (please make your own copy and insert new link here)
Contact each relevant pool lead to book resources in the capacity planning tool  <input checked="" type="checkbox"/> check if possible to generate automated email ARPIN, Florine 06 Jan 2023	ARPIN, Florine	Complete <a href="#">Capacity planning tool</a>
Complete Accolade  <input type="checkbox"/> check if possible to generate automated email <a href="#">Claire Bazin</a> 06 Jan 2023	Claire Bazin	Complete <a href="#">Accolade</a>
Review with Enterprise Architect the actual solution answering the objective  <input type="checkbox"/> check if possible to generate automated email <a href="#">Françoise BERGAME</a> 06 Jan 2023	Françoise BERGAME (Structure)	Complete Architecture Impact Analysis (AIA)  <a href="#">ARB &amp; AIA</a>
Check you have confirmed the involvement of each platform		Revert to SDM of each Platform

<p>Identify security needs (Confidentiality, Integrity, Availability) and define security measures to be implemented by the initiative team</p> <p><input type="checkbox"/> check if possible to generate automated email <a href="#">Benjamin POISSONNET</a> <b>06 Jan 2023</b></p>	<p><a href="#">Benjamin POISSONNET</a></p>	<p>Complete "SIP Support tool"</p>
<p>Support for budget estimation (via the Workload &amp; Cost), Financial evaluation (Total Cost of Ownership over 10Y), saving validation</p> <p><input type="checkbox"/> check if possible to generate automated email <a href="#">Jill Wilson</a> <b>06 Jan 2023</b></p>	<p><a href="#">Jill Wilson</a></p>	<p>W&amp;C: to be filled in to Accolade in preparation phase</p> <p>TCO over 10Y: <a href="#">xxxx - Business Case /Financial evaluation 10Y</a></p>
<b>Optional</b>		
<p>If any relation needed with a supplier</p> <p><input type="checkbox"/> check if possible to generate automated email <a href="#">BLANCHER, Alexis</a> <b>06 Jan 2023</b></p>	<p><a href="#">BLANCHER, Alexis</a></p>	
<p>If it concerns a key supplier, a sourcing strategy has to be defined</p> <p><input type="checkbox"/> check if possible to generate automated email <a href="#">Isabelle Auboeuf</a> <b>06 Jan 2023</b></p>	<p><a href="#">Isabelle Auboeuf</a></p>	
<p>If conformity by design is required</p> <p><input type="checkbox"/> check if possible to generate automated email <a href="#">Emmanuelle Bureau</a> <b>06 Jan 2023</b></p>	<p><a href="#">Emmanuelle Bureau</a></p>	<p>GMP (pharma), ISO</p>
<p>If Data Governance is required: identify the business objects</p> <p><input type="checkbox"/> check if possible to generate automated email <a href="#">Philippa de Glanville</a> <b>06 Jan 2023</b></p>	<p><a href="#">Philippa de Glanville</a></p>	<p><a href="#">Data Governance Strategise for Initiative Briefs</a></p>

## 2.2. Users needs

**What do users dislike about the current solution?**

*Applicable when a new solution is developed*

**What tools or features do your users wish to have?**

**What value will it add to the user's lives?**

What alternative do we have?

### 2.3. Risk Analysis

What are the risks (refer to Risk analysis matrix in Accolade)?

### 2.3. Solvay One Planet Objectives

What is the qualitative assessment of Hardware/ Data processing/ Project's contribution to Solvay One Planet?

- Is the business ambition you will support improving or not sustainability?
- Will you increase or decrease the number of hardware we need to operate? How much?
- Will you generate or transfer an important amount of data, especially videos? How much?