

# [ECO]Ecosystem - Extended iPaaS Integration Solution Discovery

**Initiative brief**

📖 Readme

\* Required information

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

## Project details

<b>Phase</b>	<input checked="" type="checkbox"/> Envision <input checked="" type="checkbox"/> Strategize
<b>Status</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid orange; padding: 2px; font-size: 8px;">IN PROGRESS</div> <div style="border: 1px solid blue; padding: 2px; font-size: 8px;">UNDER REVIEW</div> <div style="border: 1px solid green; padding: 2px; font-size: 8px;">APPROVED</div> </div> <div style="border: 1px solid orange; padding: 2px; font-size: 8px; margin-top: 2px;">NOT APPROVED</div>
<b>Start Date</b>	<p><i>Enter the starting date of your initiative, by clicking on the calendar icon below - when you started to work on different step of the initiative</i></p> <p>03 Apr 2023</p>
<b>Initiative name</b>	iPaaS Extended Study
<b>Description of the initiative</b>	<p>In order to efficiently apply its integration strategy, Solvay needed to adopt the good iPaaS solution. While SAP Cloud Platform Integration is currently used for specific integration purposes, no proper iPaaS study has been done to assess the available solutions on the market (rejected several times since last 2 yrs during budget review).As the integration strategy accelerates and with looming PO2 separation, it becomes urgent to perform the study to identify an adequate iPaaS solution soon.</p> <ul style="list-style-type: none"> <li>• a good iPaaS solution can help future companies to improve agility, reduce running costs and enhance productivity.</li> <li>• Estimated Budget 80K EUR</li> </ul>
<b>Domain &amp; Product</b>	

- 1.1. Reason
  - 1.2. Benefits
  - 1.3. Target users
  - 1.4. Value proposition
  - 1.5. Business goals
  - 1.6. Challenges
  - 1.7. Business metrics
  - 1.8. Cybersecurity
  - 1.9. Up to investment
  - 1.10. Resources
- Phase 2: Strategize
  - Thomas Varchmin
  - My tasks

## My tasks

- Enter your task here, using « @ » to assign it to a user and « // » to select a due date
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<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 checked="" type="checkbox"/> Platf3 A- Ecosystem Platform <input 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 type="checkbox"/> Journ4- Prepare the Future & Connected Research Journey  <input type="checkbox"/> DTmng3- DT Enablement & Transformation
<b>Involved Domain Journey/ Platform</b>	<input checked="" 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 checked="" type="checkbox"/> Platf2 C- Ent. Business Systems Platform <input checked="" type="checkbox"/> Platf3 A- Ecosystem Platform <input type="checkbox"/> Platf3 B- Hybrid & Cloud Platform <input type="checkbox"/> Platf3 C- Intelligent Asset Platform <input checked="" 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
<b>Initiative Ownership</b>	
<b>Digital Technology Partner</b>	<a href="#">Guillaume LHOME</a>
<b>Product Manager / Service Delivery</b>	<a href="#">Rao Santapur</a>
<b>Roadmap &amp; Key objectives</b>	
<b>Roadmap</b>	<a href="#">Access the defined priorities</a>
<b>2023 Digital Technology Key objective</b>	Protect the business

Priority

P1

## 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?

Application Integration needs have greatly evolved since the implementation of the first solution at Solvay. Those needs have followed the fundamental change in the application landscape to be integrated, moving towards a more decentralized and cloud-based architecture. It has increased the need for more scalability, flexibility, and agility in order to prevent integration being a bottleneck.

To adapt to this change, a new integration strategy has recently been worked on at Solvay ("API first, iPaaS second, ESB otherwise").

Furthermore, as the market for Integration platforms has evolved accordingly, a project for an iPaaS study\* has been proposed but rejected due to budget considerations, then due to PO2 frozen activities.

More recently, an additional need coming from the work related to the TOM integration architecture for ECo and SCo, has emerged: to leverage the iPaaS Discovery initiative in order to validate and complement the TOM recommendations for Integration. The project can thus be considered as a follow-up of that work.

### 1.2. Benefits

#### What are the new capabilities expected?

The objectives of the study are :

- to *identify the best solutions to be part of the ECo/SCo* respective integration platforms, and bring the information that the future DT LT teams will need to take an informed decision about the TOM architectures for integration.
- to *design adapted governance models* best fitting the proposed integration platforms and aligned with both companies attributes.
- to *assess ease of use*, as different solutions have different interfaces and levels of complexity
- to *evaluate the cost* - as solutions can vary in terms of pricing, with different providers offering different pricing models and subscription plans.
- to *identify potential limitations*, any potential limitations or drawbacks of different solutions, such as limited integration capabilities (ex: BPMS) or lack of support for certain applications or systems

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

This current initiative will not replace any existing solution but to do a Study and come up with a proposed new Integrated solution for future companies ECO and SCO , which will be separated projects.

### 1.3. Target users

**Who are the future users?**

This study project will consider the requirements/dependencies of all GBUs - however **N O application change/Solution** will be implemented as part of this Study initiative.

**What is the number of users impacted?**

0

## What about the Business Needs?

### 1.4. Value proposition

**What is the value of the initiative?**

The project will put the ECo and SCo DT LT teams in a good position to take the decisions related to the TOM integration architectures, and start implementing them as soon as the future DT LT teams are in place.

### 1.5. Business goals

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

In the context of PO2, it is imperative that future independent companies may want to look for alternatives to webMethods platform, especially considering the complexity and running costs of maintaining it .

Furthermore, as both companies will have different objectives and constraints, translating into different TOM, application landscapes and IT strategies, the solutions part of their respective integration platform should align with these specificities.

### 1.6. Challenges

**Are there any challenges in developing the product?**

Not really.

### 1.7. Business metrics

**How will we measure success?**

We will develop a clear and concise Assessment matrix, that contains evaluation items that will allow us to deliver a confident recommendations tailored to both companies

### 1.8. Cybersecurity

Please duplicate [this template](#) in [this folder](#). Then, for the envision phase, answer to the initiative card tab and to the 7 high-level questions in the "Security Scoring" tab. 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@solvay.com](mailto:@SIP_team@solvay.com)

The study will be undertaken by involvement of DT platform architect to ensure assessed iPaaS solution is capable to comply with Solvay's Cybersecurity rules

## 1.9. Up to investment

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

Estimated Delivery phase start date*	Estimated Delivered end Quarter*
17 Jul 2023	End of 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)	80		

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?

- Integration Architect (Michaël Opoczynski)
- Integration Expert (CAPGEMINI - Prateek Bhatnagar)
- Enterprise Architect (Thierry Renault)
- Platform Architect (Jérôme Romain)

## 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 your list of scope if waterfall initiatives (technical, functional & organizational) / deliverables foreseen? What are your list of Epics if Agile initiatives?

- Collect ECo/SCo detailed integration requirements
- Identify and interview potential vendors, review professional case studies from the industry experts
- Assess and select the solutions in accordance with Solvay's compliance and cybersecurity requirements
- Define new service governance models
- Define the implementation plans

### 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 type="checkbox"/> check once done to inform the contact <a href="#">ARPIN, Florine</a> <b>06 Jan 2023</b>	<a href="#">ARPIN, Florine</a>	Complete <a href="#">Capacity planning tool</a>
Complete Accolade  <input type="checkbox"/> check once done to inform the contact <a href="#">Claire Bazin</a> <b>06 Jan 2023</b>	<a href="#">Claire Bazin</a>	Complete <a href="#">Accolade</a>
Review with Enterprise Architect the actual solution answering the objective  <input checked="" type="checkbox"/> check once done to inform the contact <a href="#">Françoise BERGAME</a> <b>06 Jan 2023</b>	<a href="#">Françoise BERGAME (Structure)</a>	Complete Architecture Impact Analysis (AIA)  Will be completed on Monday March 13th 2023  <a href="#">ARB</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 checked="" type="checkbox"/> check once done to inform the contact Benjamin POISSONNET 06 Jan 2023</p>	<p>Benjamin POISSONNET</p>	<p>Complete the security questionnaire in "SIP Support tool"</p> <p>SIP</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 once done to inform the contact Jill Wilson 06 Jan 2023</p>	<p>Thomas Varchmin</p>	<p>W&amp;C: to be filled in to Accolade in preparation phase "</p> <p>TCO over 10Y:</p> <p>xxxx - Business Case /Financial evaluation 10Y</p>
<p><b>Optional</b></p>		
<p>If any relation needed with a supplier</p> <p><input type="checkbox"/> check once done to inform the contact BLANCHER, Alexis 06 Jan 2023</p>	<p>BLANCHER, Alexis</p>	
<p>If it concerns a key supplier, a sourcing strategy has to be defined</p> <p><input type="checkbox"/> check once done to inform the contact Isabelle Auboeuf 06 Jan 2023</p>	<p>Isabelle Auboeuf</p>	
<p>If conformity by design is required</p> <p><input type="checkbox"/> check once done to inform the contact Emmanuelle Bureau 06 Jan 2023</p>	<p>Emmanuelle Bureau</p>	<p>GMP (pharma), ISO</p>
<p>If Data Governance is required: identify the business objects</p> <p><input type="checkbox"/> check once done to inform the contact Philippa de Glanville 06 Jan 2023</p>	<p>Philippa de Glanville</p>	<p>Data Governance Strategise for Initiative Briefs</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?