

Prometheus



Initiative brief

💡 Readme

* Required information

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

Project details

Phase	<input checked="" type="checkbox"/> Envision <input checked="" type="checkbox"/> Strategize
Status	<input type="checkbox"/> IN PROGRESS <input type="checkbox"/> UNDER REVIEW <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED
Start Date	<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> 03 Apr 2023
Initiative name	Prometheus - M&A integration

- 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- Involvement of Data Domains
- 1.10. Up to investment
- 1.11. Resources

- Phase 2:
 - Strategize
 - 2.0 Scope / Deliverables
 - 2.2. Users needs
 - 2.3. Overall Service Delivery Management for a project
 - 2.4. Risk Analysis
 - 2.5. Solvay One Planet Objectives
- 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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<p>Description of the initiative</p>	<p>Prometheus is an M&A Acquisition (R&I - Biomatech platform / SCO perimeter) part of a partnership established between Solvay and Ginkgo Bioworks (see press release). Solvay acquires a Ginkgo (formerly Zymergen) laboratory in Cambridge, Massachusetts. This acquisition will expand Solvay's R&I footprint in the US, provide access to new talents, and establish a sustainable growth base in synthetic biology in one the most important biotech hubs in the world, accelerating the company's biotech development plan.</p> <p>The initiative consists of the main activities listed below:</p> <ul style="list-style-type: none"> • Business continuity for the acquired company (post D1)- Existing Lab equipment, 14x Lab PCs and 3x employee's PCs (currently on the 6th floor of the building). • Acquired business will move to the 4th floor of the building by October 2023. (Approx team size up to 15 by 2024) • Existing IT infra connectivity (WiFi and WAN) and security badges will be maintained by the seller until end of August. • Need to evaluate IT support options for the Network connectivity & badging on 6th floor office (especially between August and until the move to 4th floor) • Full IT infra Integration / deployment on the 4th floor.; including: <ul style="list-style-type: none"> • LAN/WLAN • SD WAN • LAB PCs / user's PCs • Application / Software / Licences / Lab PC backup (need study by LABO support) • LIMS, Open Labs • Firewall / Security- Badging • Servers • Printing • Meeting Rooms • Onboarding • OSS tech support, etc.. <p>As signing and closing of the deal were performed at the same date with quite no time to prepare the integration, a 2-step initiative is proposed with a full implementation not exceeding 1M€:</p> <ul style="list-style-type: none"> ▪ Step 1: from now till end of May to ensure business continuity with on-boarding of 3 employees, IT provisioning, data migration (AWS), LIMS license requirements and pre-study for LABO software/ network/hardware & Full IT infra Integration / deployment requirements for moving to the 4th Floor by October 2023. Budget of 65 k€ required for this step 1 ▪ Step 2: full project implementation, from June to Q4 2023, with relocation to the 4th floor, Integration to Solvay standards, Deploy the required applications / licenses. the budget being refined at the end of step 1 and not exceeding 1M€
<p>Domain & Product</p>	

Requested Domain Journey / Platform	<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 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 checked="" type="checkbox"/> DTmng3- DT Enablement & Transformation
Involved Domain Journey/ Platform	<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 checked="" type="checkbox"/> Platf3 C- Intelligent Asset Platform <input checked="" type="checkbox"/> Platf4- Info Security and Compliance Platform <input checked="" 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 checked="" type="checkbox"/> DTmng3- DT Enablement & Transformation
Initiative Ownership	
Digital Technology Partner	@
Product Manager / Service Delivery	Patrick Vignon + ISSANCHOU, Sebastien / Julie Mijajlovic @Mark Kwasnik
Roadmap & Key objectives	
Roadmap	Access the defined priorities
2023 Digital Technology Key objective	

Priority

P1 Must do

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?

This initiative supports an R&I acquisition for new BioTech division within Solvay. Integration of this new site into Solvay standards will help to maximize Solvay's investment in this site and new technology

1.2. Benefits

What are the new capabilities expected?

New Biotech and technology site in Cambridge, MA to be incorporated into Solvay standards for R&I.

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

New R&I location

1.3. Target users

Who are the future users?

Existing R&I scientists at the site

What is the number of users impacted?

Currently there are 3 research scientists. This figure is likely to expand to 25 FTEs in the next years

What about the Business Needs?

1.4. Value proposition

What is the value of the initiative?

Overall investment estimated at 965k€ max to ensure business continuity and to implement Solvay standards to allow Solvay to take advantage of the initial investment in the Biotech industry.

1.5. Business goals

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

Allows Solvay to move into BioTech, integration of the site into Solvay standards provides security for investment.

1.6. Challenges

Are there any challenges in developing the product?

No TSA for this purchase. Timing for the move to another floor within the existing building. Project implementation must be done by October 2023.

1.7. Business metrics

How will we measure success?

By end of May collect and organize cost information from the strategize performed in April/May to present to the PMO for validation. New Solvay site in Cambridge successfully moves to the new floor by October 2023 with Solvay standards in place.

1.8. Cybersecurity

Please duplicate [this template](#) and contact the SIP team in order to get your corresponding 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

An initial security audit has been performed and shared with the security team. As per feedback from the SIP team, "The outcome of our discussion is that the SIP Tool won't be needed for this project. Joao will follow your project in order to check that Solvay standards are applied along the later".

[Initiative card / Security scoring](#)

1.9- Involvement of Data Domains

If your initiative is working with data, please select the domain which is impacted:

- Marketing & Sales (for examples: Customer & Market segment / Price conditions & CMIR)
- Supply Chain Management (for examples: Routes & Rates)
- Procurement (for examples: Master data: Vendors, Contracts, Material (Group)/ Reference Data: Payment terms, Structures)
- Finance (for examples: Management (MAC)/ Financial (FAC)/ Treasury)
- HR (for examples: HR Master Data (Employee, Personal, Identity))
- Industrial (for examples: BOM, Asset Hierarchy, MES Tag, Process Batch)
- R&I (for examples: Products, Equipments/ Projects)
- Structures & shared referential (for examples: Structures/ Shared referential data/ Finished goods)
- Sustainability

1.10. Up to investment

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

Estimated Delivery phase start date*	Estimated Delivered end Quarter*
03 Apr 2023	Q4 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)	965	0	0

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

Estimated run costs (estimation high level) per year on xxYear (xx= duration of the contract if known)	Type of savings expected /year for DT (Ex: Contracts, FTE, ...)
~120K€	

- maintenance
- infrastructure
- FTE
- Sales provider
- licences
- other: please explain

Please add here the required envelop needed to work on the strategize phase - if needed (maximum 40k€) :

1.11. Resources

What skills and talents do we need?

AWS, network, security, DSDS, R&I services (LabPCs, simulation), OSS support., Open labs, Agilab / LIMS

1.12. Methodology to apply (refer for Accolade)

Do you think your initiative will best cope with a waterfall or agile methodology?
<input type="checkbox"/> Full Agile
<input checked="" type="checkbox"/> Waterfall
<input type="checkbox"/> Partly Agile (mix of both)
<input type="checkbox"/> 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

Prometheus - DT Infra Project:

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?

1. Onboard the transferred employees and provide IT support after closing. Transfer Google & AWS data from seller to the right Solvay S3
2. Analyse the LAB PC / application integration requirements and for moving to the 4th floor
3. Implement Solvay licences for the LAB PC applications by June 2023.
4. Deploy Research scientist PC applications.
5. Implement LIMS and Openlabs
6. Deploy Solvay infrastructure (network, Hosting, physical security, printing, etc..) requirements for shifting to 4th floor.
7. Move the lab to the 4th floor by September / October 2023

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 once done to inform the contact ARPIN, Florine 06 Jan 2023	ARPIN, Florine	Complete Capacity planning tool
Complete Accolade <input checked="" type="checkbox"/> check once done to inform the contact Claire Bazin 06 Jan 2023	Claire Bazin	Complete Accolade

<p>Review with Enterprise Architect the actual solution answering the objective</p> <p><input checked="" type="checkbox"/> check once done to inform the contact Françoise BERGAME 06 Jan 2023</p>	<p>Françoise BERGAME @Francois Garang (Structure)</p>	<p>Complete Architecture Impact Analysis (AIA)</p> <p>ARB & AIA</p>
<p>Check you have confirmed the involvement of each platform</p>		<p>Revert to SDM of each Platform</p>
<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 SIP_team@solvay.com 06 Jan 2023</p>	<p>@SIP_team@solvay.com</p>	<p>Complete the security questionnaire in "SIP Support tool"</p>
<p>Support for budget estimation (via the Workload & Cost), Financial evaluation (Total Cost of Ownership over 10Y), saving validation</p> <p><input checked="" type="checkbox"/> check once done to inform the contact Sérgio Serafim 06 Jan 2023</p>	<p>Thomas Varchmin</p>	<p>W&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>Data Governance: if data is required, please identify the business objects in each domain (refer to envision phase)</p> <p><input type="checkbox"/> check once done to inform the contact Philippa de Glanville 06 Jan 2023</p>	<p>Francois Garang</p>	<ul style="list-style-type: none"> ▪ Data Governance Strategise for Initiative Briefs ▪ Currently not applicable as advised by the project Architect (Francois Garang)
Optional		
<p>If any relation needed with a supplier</p> <p><input checked="" 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>

2.2. Users needs

What do users dislike about the current solution?

Applicable when a new solution is developed

LAB PCs are not on Solvay network and data are not preserved/utilized properly.

Researchers cannot work or in very degraded mode

What tools or features do your users wish to have?

LIMS, Openlabs, Agilab, Geneious, FlowJo, JMP, Daitaiku, Gitlab, Quantum HPC, Pyzo (python), etc...

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

Mandatory project as part of an Acquisition. The proposed project will integrate the newly acquired lab in to solvay standards and Researchers will be able to utilize the Solvay standard applications / systems to continue with their Bio mettc research activities.

What alternative do we have?

N/A

2.3. Overall Service Delivery Management for a project

A standardised process for creating and introducing services. It may sound basic, but Service Design and Introduction should be considered at the very beginning of the project.

- Moving through the various project stages from Envision, strategize (requirements gathering) to planning, delivering value and testing before deploying the service.
- Embedding service introduction activities into project delivery, with defined success criteria at each stage avoids a re-work which can negatively impact the project in terms of time, cost and quality.

Who is the service owner?

P Vignon +Mark K / J Mijajlovic

What is the target?

Integration of this new site into Solvay standards.

- From April 20th till end of May to ensure business continuity with on-boarding of 3 employees, IT provisioning, data migration (AWS), LIMS & OpenLab requirements and pre-study for LABO software/ network/hardware & Full IT infra Integration / deployment requirements for moving to the 4th Floor by October 2023.
- Procure Solvay licenses for 14x LAB PCs by June 2023.
- Deploy LIMS and Open Lab solutions along with other Lab PC & Research Scientist PC applications.
- Full Solvay Lab IT Infrastrutture implementation & integration from June to Q4 2023, with relocation to the 4th floor,

Which platform will maintain the new service?

2.4. Risk Analysis

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

Budget must be available to procure Solvay licences for the LAB PC applications by June. Procurement delays can cause legal breach with license used (90 days grace period agreed by the seller). Site Facility contacts must be identified to plan the Cabling, Physical security and facilities related activities.

2.5. 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? Yes
- Will you increase or decrease the number of hardware we need to operate? How much?
? Increase in number of Lab PCs and user PCs
- Will you generate or transfer an important amount of data, especially videos? How much? No Video, large AWS data (2TB)
- Fundamental project to accelerate the transition of Solvay's portfolio towards a less carbon footprint and more circular portfolio through the use of renewable materials and the biotechnology, requesting an important level of process & data management as well as specific modeling capabilities