

11317 SA&D - Green River deployment (Optical Fiber Tube deployment)

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

Phase	<input checked="" type="checkbox"/> Envision <input checked="" type="checkbox"/> Strategize
Status	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid orange; padding: 2px; font-size: 0.8em;">IN PROGRESS</div> <div style="border: 1px solid blue; padding: 2px; font-size: 0.8em;">UNDER REVIEW</div> <div style="border: 1px solid green; padding: 2px; font-size: 0.8em;">APPROVED</div> </div> <div style="border: 1px solid orange; padding: 2px; font-size: 0.8em; margin-top: 5px;">NOT APPROVED</div>
Start Date	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 30 Jun 2023
Initiative name	11317 SA&D - Green River deployment (previous #8947)
Description of the initiative	Green River Plant is located outside Standard Internet Service provider Networks. Due to incapacity of Internet Service Provider deliver a new Fiber Optical circuit, Solvay need to create at his own initiative a tube (8.8 km / 26400ft) from existing public network to Green River Plant location in order to support Fiber Optic delivery. This decision was taken 5 years after the initial order to BT and continuous escalation and technical & administrative hazards since. Due to location (US Wyoming), the work has to be done before winter.
Domain & Product	
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 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 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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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 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
Initiative Ownership	
Digital Technology Partner	Guillaume LHOME
Product Manager / Service Delivery	Matthew Scheele
Roadmap & Key objectives	
Roadmap	Access the defined priorities
2023 Digital Technology Key objective	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?

Mandatory to create the tube before winter

1.2. Benefits

What are the new capabilities expected?

Only way to extend internet capacity to a Star Factory Site

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

1.3. Target users

Who are the future users?

All users of Green River Plant

What is the number of users impacted?

What about the Business Needs?

1.4. Value proposition

What is the value of the initiative?

Provide the support for evolutive internet capacity to a Star Factory Plan

1.5. Business goals

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

Mandatory for the business for 5 years

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](#) 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

Physical/passive infrastructure outside solvay environment

1.9- Involvement of Data Domains

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

- Marketing & Sales (for example: Customer & Market segment / Price conditions & CMIR)
- Supply Chain Management (for example: Routes & Rates)
- Procurement (for example: Master data: Vendors, Contracts, Material (Group)/ Reference Data: Payment terms, Structures)
- Finance (for example: Management (MAC)/ Financial (FAC)/ Treasury)
- HR (for example: HR Master Data (Employee, Personal, Identity))
- Industrial (for example: BOM, Asset Hierarchy, MES Tag, Process Batch)
- R&I (for example: Products, Equipments/ Projects)
- Structures & shared referential (for example: 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*
30 Sept 2023	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)	243		

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

Estimated <u>additional</u> 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, ...)
0	

- 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?

none

1.12. Methodology to apply (refer for Accolade)

Do you think your initiative will best cope with a waterfall or agile methodology?

- Full Agile
- Waterfall
- Partly Agile (mix of both)
- 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?

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)
<p>Contact each relevant pool lead to book resources in the capacity planning tool</p> <p><input checked="" type="checkbox"/> check once done to inform the contact Claire Bazin Dominique de Gouberville 06 Jan 2023</p>	<p>Dominique de Gouberville Claire Bazin</p>	<p>Complete Capacity planning tool</p> <p>No Capacity required</p>
<p>Complete Accolade</p> <p><input type="checkbox"/> check once done to inform the contact Claire Bazin 06 Jan 2023</p>	<p>Claire Bazin</p>	<p>Complete Accolade</p>
<p>Review with Enterprise Architect the actual solution answering the objective</p> <p><input type="checkbox"/> check once done to inform the contact Reeve, Mark</p>	<p>Reeve, Mark (Structure)</p>	<p>Complete Architecture Impact Analysis (AIA)</p> <p>ARB & AIA</p> <p>Pre-validation by Mark Reeve / Out of Solvay Architecture</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 22 Jun 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 22 Jun 2023</p>	<p>Sérgio Serafim</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>Philippa de Glanville</p>	<p>Data Governance Strategise for Initiative Briefs</p> <p>No Data</p>
<p>Optional</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>

2.2. Users needs

What do users dislike about the current solution?

Applicable when a new solution is developed

N/A

What tools or features do your users wish to have?

N/A

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

Internet Capacity / Site modernization

What alternative do we have?

No alternative identified after 5 years of escalations with telecom operators

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?

External infra to support SD-WAN

What is the target?

Which platform will maintain the new service?

2.4. Risk Analysis

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



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?
- 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?