

**Diagnosis template for Demonstration or Investment projects**

**INTRODUCTION**

This template has been completed by AXELERA’s team, supporting its members or EU funds.

It allows the qualification of demonstration and/or investment projects that may be financed by an external grant.

The purpose of this form is to:

- Qualify the suitability of a demonstration or investment project with potentially suitable subsidies and direct members to the most suitable aid

- Detect the strengths and areas for improvement in the project

- Identify the needs in terms of support for setting up and submitting a proposal in response to a call for projects

- Define the joint action plan between the member and AXELERA to bring the project to a successful conclusion if the diagnosis results in a "Go" on both sides for the submission of a project proposal in response to a given call.

This approach is part of AXELERA's service offering, which aims to improve the rate of external co-financing and the impact of AXELERA members' projects.

AXELERA is committed to protecting the confidentiality of all information contained in this document in accordance with the general confidentiality framework in force in the membership contracts with our members. Your written consent will be sought before any information is shared with a third party.

***This tool is part of the toolbox for the facilitation of systemic hydrogen investment decisions (Task10.6).***

**CONTACT DETAILS:**

**Name of the project:**

**Company (Project’s holder):**

**Contact details (name, surname, Email) :**

**EMERGING PROJECT:**

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| --- | --- |
| **Name of the project:** |  |
| **Project already submitted in response to a call for proposals?** | Number of submissions  Results of the evaluation |
| **Project summary:** | **Objectives**:  **Approach:**  Expected results:  **Main expected environmental impacts (CO2 emissions, circularity, pollution management…)** :  **Targeted markets:** |
| **Does the project foresee the construction and monitoring of a demonstrator in the AURA Region?** | * Yes (It will be a world first in our sector or on this scale) * No |
| **Does the project plan industrial investment (eg. Adaptation of a production line…) in the AURA Region?** | * Yes (It will be a world first in our sector or on this scale) * Yes, but without innovation * No |
| **Does the project will have significant measurable impacts on the reduction of GHG emissions?** | Absolute GHG emission reduction in tonnes of CO2e per year or over 10 years:  Relative reduction in relation to the total carbon footprint of the process: |
| **If the project has measurable impacts on the environment, what order of magnitude will these impacts be during the project?** | (e.g. reduction of Xm3 of fresh water use from a river / discharge of Y m3 of waste water into a river) |
| **Will the project be replicable at the end?** | How will you do the replication?   * For instance, sales of the solution by the company and its partners? |
| **Technical progress to date:** | * Project idea * End-user requirements / specifications for the demonstrator / investment known. If not, they can be obtained for the month of XY. * Competitive analysis done. If not, can be finalised by month of XY. * Pilot demonstrated at TRLX. * Large-scale demonstration (XY) done (TRLY) * Solution already implemented in other sectors to be adapted to new target sector |
| **Stage to economic development to date:** | * Full market study. Alternatively, this study can be done for the month of XY. * End users of the solution are identified. If not, they will be identified by the month of XY. * Targeted early adopters are known. If not, they will be identified for the month of XY. * The Techno-Economic Analysis of the solution is complete. If not, it is planned for the month of X. * Has a risk analysis of the industrialization project been conducted? In addition to the technical and economic aspects, this involves looking at the "supply chain" aspects, availability of raw materials, regulatory impact, HSE risk, risk of operating constraints due to regulations, availability of utilities, location, etc. * Full FEED Study (Front End Engineering Design). Otherwise, it is feasible for the month of XY. * The decision has been formally taken by the company to invest in the Demonstrator / Industrial Investment / New Product Deployment / New Service Deployment. Otherwise, the official decision is expected in XY. * The business / industrial strategy is formally adopted. If not, this strategy can be validated by X.1 |
| **Project budget:** |  |
| **Planning:** | * Start: TX 20XY * End: TX 20XY * Mise sur le marché / intégration dans l’usine : TX 20XY |
| **For an SME, would the project be financeable by a loan or fund raising?** | * Yes * No * If not, why ? |
| **Financial projections:** | **Estimated target market size:**  **Estimated additional sales through the project by 2025:** |
| **For Accelerator: What are the financial projections in terms of production, sales and valuation up to 5 years after the end of the project?** | *Accelerator is targeting the financing of future unicorns and centaurs. Centaurs" have a valuation of over €100m and "unicorns" over €1 billion.* |
| **Pre-targeted partners / partner profiles of your project:** | *Additional partners you are looking for.* |
| **Level of innovation (breakthrough / incremental / use):** |  |
| **IP (patents, Trademarks, designs):** |  |
| **Team (HR) identified for the project** | *Team for the project*  *Who? For which task?* |
| **Needs identified in relation to the project** | *Tech-economic study or market study to be carried out, setting up of financial projections, business plan, etc.* |

1. Financial projections for the full-scale deployment of the solution are made on the basis of the adopted business strategy. If not, these projections can be defined for the month of X.