



Demonstrating sustainable value creation from industrial CO₂ by its thermophilic microbial conversion into acetone

Project type: IA – Innovation Action
Start date of the project: 01/10/2021
Duration: 60 months

INDUSTRIAL INTERVIEW

Due date	Delivery date
Work package	WP 6 – Exploitation, Replication, Communication and Dissemination
Responsible Author(s)	AXELERA
Contributor(s)	Name of the industrial company
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Version and amendments history

Version	Date	Created/Amended by	Changes
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1. COMPANY INTRODUCTION

Company Name:

Person interviewed:

Activity / Sector: exemple : Waste treatment , incineration, circular economy

Company description

2. INDUSTRIAL PROCESS: CO2 EMISSIONS PROFILE

What are the main CO2 emission process ? how high are these CO2 emissions?

What is the chemical content of the outgoing gas ?

Have you ever considered treatment solutions for these CO2 emissions?

Have you already implemented strategies to reduce your emissions?

3. INDUSTRIAL PROCESS: CCUS ONGOING PROJECTS

Technology Description :

Technological maturity

TRL???

Partners

Technology used

Volume of gas processed or stored

Budget

Assistance desired (amount and form)



Have you considered sharing CCU project implementation efforts with other companies in the region? If so, who? What would be the role of each?

4. COSTS RELATED TO CO2 EMISSIONS

What are your costs related to CO2 emissions today?

Do you foresee higher CO2 costs in the coming months or years? How much more would it be?

5. BARRIERS TO THE DEPLOYMENT OF CCU PROJECTS

- a.Availability
- b.Visibility of the offer
- c.Price
- d.Technology robustness
- e.Security
- f. Technical barriers
- g. Regulatory barriers

6. REGULATORY ISSUES

Are you subject to the European carbon market EU ETS? If yes, please specify,

Do you receive free allowances?

Do you have any costs related to the ETS today?

7. ACTIONS SHOULD BE IMPLEMENTED TO PROMOTE THE DEPLOYMENT OF CCU PROJECTS

8. WHICH CCU PROJECT WOULD BE BEST SUITED TO YOUR NEEDS?

9. SUPPORT NEEDED TO SET UP CCUS PROJECTS



CHOOSE ONE AND JUSTIFY PLEASE

- A Funding
- b. Partner
- c. Finding the most suitable technologies
- d. Etc...

10. CURRENT ENERGY COSTS IMPACT IN THE COMPANY

11. MOST RELEVANTS DECARBONATION LEVERS GIVEN THE CURRENT ENERGY CONTEX

12. HYDROGEN

- Projects related to hydrogen (production – transport – storage) that this company is related to
- Properties related to the project

13. NEXT STEPS & ACTIONS

- Action taken at the end of the meeting
- Sending material related to the company
- Propose calls for projects for funding

