



## Demonstrating sustainable value creation from industrial CO<sub>2</sub> 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

<b>Due date</b>		<b>Delivery date</b>	
<b>Work package</b>	WP 6 – Exploitation, Replication, Communication and Dissemination		
<b>Responsible Author(s)</b>	AXELERA		
<b>Contributor(s)</b>	Name of the industrial company		
<b>Dissemination level</b>	Consortium and AXELERA Cluster		

#### 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)**



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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**

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**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

