

DACA Product & Project Manager – Prototype Testing Management in the Alps: a unique opportunity!

Presentation of Carbon 1.5

Carbon 1.5 is a startup, focused on Direct Air Capture (DAC) of CO₂ from the atmosphere. Our mission is **to revolutionize the DAC sector** and help reverse climate change. We deploy Metal Organic Framework (MOF) sorbents in the optimal conditions of the Alps, utilizing stronger solar power at high altitudes.

Our goal is to build 10 DAC facilities in ski resorts across the Alps, capturing 100,000 to 1 million tons of CO₂ per year by 2032. We aim to create a company valued at over €1Bn. Today the company financing is made by founder @ already 1,2 M€ invested and public money @ already 1,3 M€ obtained (BPI France and EU). A 5 M€ grant is expected next year. The track record of the founders e.g. one founder built a \$60M turnover global internet company which was sold x3 to x20 return for investors.

Carbon 1.5 short term objective is to test a field prototype early 2025 (18 months after the concept idea). It will be **the first live MOF based DAC plant in the world!**

Job Description

We are looking for a **results-oriented and entrepreneurial Project/Product Manager** to manage the commissioning of the Proof Of Concept and subsequent prototypes. The role involves test management for technological validation at our Val D'Isère site and coordinating external/internal stakeholders.

Main missions :

- Write the POC characterization test program and other prototypes.
- Supervise site operation at Val D'Isère, including safety,
- Conduct tests, identify necessary teams (subcontracted or hired) for each testing stage.
- Analyze results and propose improvements for future prototypes/products.

Profile sought:

- An engineering diploma or technician diploma with strong field/testing experience.
- Fluid dynamics, thermal, mechanics, electricity, and controls multidisciplinary understanding
- Experience in on-site/construction testing and project management.
- Strong interest in decarbonization, environmental impact, and climate solutions.
- Ability to work independently, take initiative and to adapt with evolving startup.

Why join us?

- Work at the forefront of mechanical and chemical engineering for climate technology.
- Contribute to activities with significant potential in reversing climate change.
- Join an early-stage startup with significant participation in our stock-option scheme (BSPCE).
- Flexible working hours for skiing every day if desired.

Package :

- Salary: > €45k gross per annum + €10k bonus due to location
- Increase: Review after 12 months
- Employment basis: Full-time employee of Carbon1.5 SAS with standard benefits.
- Location : Val d'Isère.

Stock-options:

- Eligible for stock option scheme after 12 months,
- Allocation range: 0.1 to 0.3% depending on contribution.
- Potential life-changing sums if the company is sold.

Owners believe in strong employee ownership for commitment and loyalty

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