



# Carbon Capture Utilization & Sequestration (CCUS) Intern

**Job location:** based in Total Headquarters, Tour Coupole, La Défense, France.

## **Context and environment:**

The world of energy is growing and evolving to adapt to multiple challenges, to provide energy to the people of the planet in a more sustainable way. The CCUS is one of the major tools to emerge these next few years alongside with renewable energy and energy efficiency.

The industrial-scale CCUS pilots should thus allow proving CCUS all over the planet and position TOTAL as one of the major players in the CO<sub>2</sub> new circular economy.

## **Team of assignment:**

The CCUS Intern will be assigned to the CO<sub>2</sub> Business Unit, a team in charge of the CCUS activities as well as the H<sub>2</sub> activities entrusted at TOTAL's Gas Power & Renewables Division.

## **Scope of work and activities:**

Investigate CO<sub>2</sub> production/consumption trends, geographic distribution of supply and demand, and provide an economic overview of the key technologies. Outline key CO<sub>2</sub> market players and provide an overview of investment trends in CO<sub>2</sub>-related markets.

Elaborate a qualitative and quantitative prospective analysis presenting the driving factors (regulations, markets, technology, reputation, business, etc.) as well as the barriers (social acceptability, technical risks, cost of the technology, etc.) to the development of a low-carbon economy.

As part of her/his scope the intern shall collect, verify and summarize public and internal company data on CO<sub>2</sub> and CCUS chains to be used as source data for a comprehensive market study.

## **Profile:**

Engineering or Business Administration studies, strong quantitative background and business oriented, with interest in the energy sector and preferably with previous experience in large organizations.

The intern shall have quick adaptability to a new environment, show a good degree of independence and be open minded to work in a network of diversified individuals working on very transvers subjects.

Fully fluent in English and French, and highly skilled in data management software.