



Stefano Cappello

Limenet's CEO and Founder



05/09/1995, 29 years old



Lecco, Italy

Before Limenet

Stefano Cappello holds a master's degree in **mechanical engineering** at **Politecnico di Milano** and studied abroad between Spain and England. His **great environmentalist vocation** led him to **leave the corporate world** to start a career as a researcher within the scientific and engineering project **Desarc-Maresanus**.



*Stefano Cappello at Leonardo,
before leaving his career*



Garage Phase

*At Desarc Maresanus, for about 4 years, Stefano participates in research groups set up with the aim of studying technologies dedicated to the **removal of negative carbon dioxide from the atmosphere**.*

*Stefano began in parallel to study, with his uncle **Giovanni Cappello**, the dissolution of CO_2 and $\text{Ca}(\text{OH})_2$, in Calcium bicarbonates in the garage.*

Limenet's Foundation


In **2023** he founded **Limenet**, a deep tech benefit company that has patented an innovative technology to **permanently remove CO₂ from the atmosphere and store it** in the form of calcium bicarbonates in marine water for more than 10 thousand years.

On the one hand, Limenet transforms carbon dioxide into calcium bicarbonates to **fight climate change**. On the other, Limenet brings potential **benefits for the marine ecosystem** by dissolving carbonate compounds in sea water and increasing its alkalinity, that is the ability to withstand changes in acidity levels.



A portrait of Giovanni Cappello, a middle-aged man with grey hair, smiling, wearing a blue polo shirt.

Giovanni
Cappello

A portrait of Enrico Nosedà, a middle-aged man with dark hair, resting his chin on his hand, wearing a dark blue button-down shirt.

Enrico
Nosedà

A portrait of Valdis Bisters, a middle-aged man with grey hair, smiling, wearing a light blue button-down shirt under a dark blue jacket.

Valdis
Bisters

Biography Presentation

The Co-Founders

Limenet was co-founded together with **Giovanni Cappello** - an expert in industrial plants - **Enrico Nosedà** - already co-founder of successful startups such as HLPY and Chief Innovation Advisor of Cariplo Factory - and **Valdis Bisters**, CEO at Hyrogas, a company that develops climate neutral energy technologies.

Biography Presentation

Today and Tomorrow

Limenet already reached many milestones, such as **opening the first industrial plant with a removal capacity of 800 tCO₂/year**, that obtained the **certification ISO 14064-2**. Stefano and Limenet's team are excited about what the future holds and remain committed to growing further. The goal is ambitious yet clear: to **remove 1 million tons of CO₂ by 2030**, taking a significant step toward *enabling a carbon-free world*.

