



CONSIGLIO NAZIONALE  
DEGLI INGEGNERI



ON LINE CONFERENCE IN ENGLISH | FRIDAY, JUNE 27<sup>th</sup> 15.00 - 17.00

# Decarbonizing the cold chain: from lab to market

## A focus for industrial engineers

### SHORT ABSTRACT

The cold chain is a crucial element for ensuring the safety and quality of temperature-sensitive products and maintaining it is essential to avoid health risks and significant economic losses. However, it also has a substantial energy and environmental impact. In this webinar we will explore new ideas, technologies, and systems for decarbonizing the cold chain, which can help reduce energy consumption and potentially go completely off-grid.

### TOPICS

- The cold chain; the costs of keeping fresh
- Current technologies applied to the cold chain
- The transition passes through Ohase Change Materials
- From lab to market: novel technologies to go net-zero
- Future developments and perspectives

### INTRODUCTION

**Eng. Luca Scappini** Consiglio Nazionale degli Ingegneri, Italy

### SPEAKER

**Prof. Simone Mancin** Dept. of Management and Engineering of the University of Padova

On line registration/Link iscrizioni: <https://www.formazionecni.it/eventi/25c53404>

The online conference is organized pursuant to art. 4.5.5. of the TU Guidelines for updating the professional competence of the CNI, with accumulation of vocational training certificates valid for a maximum of 9 vocational training courses/year. Engineers regularly registered in the Italian professional register who participate for the entire duration of the event will be awarded **2 CFP**.

*Il Convegno on line è stato organizzato ai sensi dell'art 4.5.5. del TU Linee di indirizzo per l'aggiornamento della competenza professionale del CNI, con accumulo di cfp validi per un massimo di 9 cfp/anno. Agli ingegneri regolarmente iscritti all'Albo professionale che parteciperanno all'intera durata dell'evento verranno riconosciuti 2 cfp.*

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