


# Clément Jaffrelo

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 Sustainable buildings engineer, M. Sc. Eng.

 5 years of experience in the construction industry

 Fluent English (C2 level) and native French



I am very passionate about my work and try to make a positive impact in the construction industry, towards modernization, reduced environmental footprint and better social equity.

## Professional experience

Since April 2019	<b>Project Manager, Sustainable buildings, Vizea, Paris (France)</b> <ul style="list-style-type: none"><li>✓ Sustainable design and energy consulting ;</li><li>✓ Managing projects with ambitious environmental targets ;</li><li>✓ Technical studies for building envelope optimization ;</li><li>✓ Financial and commercial management of projects.</li></ul>
October 2018 to March 2019	<b>Production lead, New construction programs, Solen, Paris (France)</b> <ul style="list-style-type: none"><li>✓ Natural light and sun exposure studies in residential buildings ;</li><li>✓ Industrialization of the process, for both software and back-end.</li></ul>
November 2015 to Sept 2018	<b>Sustainable buildings engineer, Sinteo, Paris (France)</b> <ul style="list-style-type: none"><li>✓ Sustainable design and energy consulting ;</li><li>✓ Technical studies for daylight, comfort and energy ;</li><li>✓ In-house specialist on building virtualization and simulation.</li></ul>
March-Sept 2015	<b>Internship: Sustainable buildings engineer, Artelia, Paris (France)</b> <ul style="list-style-type: none"><li>✓ Sustainable design and energy consulting ;</li><li>✓ Computer tool development for environmental design.</li></ul>
June-Sept 2014	<b>Internship: Assistant project manager, Artelia, Nantes (France)</b> <ul style="list-style-type: none"><li>✓ General consulting for the construction of a windmill factory during the handover phase for GE Renewables.</li></ul>
June-Aug 2013	<b>Internship: Assistant construction site manager, Vinci, Nantes (France)</b> <ul style="list-style-type: none"><li>✓ Administrative and planning support ;</li><li>✓ Management of the workers in charge of concrete finishes.</li></ul>
March-Aug 2012	<b>Internship: Energy engineer, AIA Ingénierie, Nantes (France)</b> <ul style="list-style-type: none"><li>✓ Thermal comfort and energy studies.</li></ul>
Summer 2011 and 2010	<b>Internships in the civil works sector, Lépine TP, Le Pellerin (France)</b> <ul style="list-style-type: none"><li>✓ Internship as a public works procurement technician ;</li><li>✓ Internship as a site worker in a thermal power plant.</li></ul>

## Education – Diplomas

Oct 2018	<b>RESTORE Training School – Regenerative Design in the Digital Practice</b> Conferences and workshops applied to the refurbishment of Barrio de la Luz in Malaga, under the supervision of a team of sustainability experts.
May 2018	<b>BREEAM Accredited Professional (AP) certification</b> This diploma recognizes the knowledge of environmental design and the ability to work effectively in both new constructions and refurbishments.
2012-2015	<b>M. Sc. Eng. and B. Sc in Sustainable and smart buildings – Polytech Nice</b> Building engineering, HVAC, automation, project management, energy efficiency, practical application of sustainable construction.
Aug-Dec 2013	<b>Exchange semester at the City University of Hong Kong</b> Engineering and economy classes at the department of Architecture.
Feb-May 2012	<b>Grand prix du Challenge Construction Durable des IUT Génie Civil</b> Winner of a national competition on sustainable buildings, team of 4.
2010-2012	<b>Technical degree two-year degree (DUT) in construction in St Nazaire.</b>
English language	<b>TOEIC 990/990 (2010, 2014), Certificate of Proficiency in English (2011)</b>

## Technical skills

Simulation	IES VE, RHINO/Grasshopper, Pleiades, Dialux, One Click LCA, Elodie
Certification	HQE, BREEAM, LEED, WELL v1/v2, NF Habitat
Labels	E+/C-, BBCA, Effinergie, BiodiverCity, WiredScore
MS Office	Word, Excel, Powerpoint, Project, Access
Tools	Trello, Slack, Productboard, Confluence, Everwin SX