

PERSONAL INFORMATION

Name: Luca
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WORK EXPERIENCE

TETIS Institute Srl: since 2018, collaboration for the realisation and verification of LCA studies and environmental labelling (EPD)

ACADEMIC EXPERIENCE

Nov. 2021 – ongoing: **Research fellow** at the University of Genoa - Department of Civil, Chemical and Environmental Engineering

Sep. 2018 – ongoing: **Adjunct professor** at the University of Genoa, course of “Life cycle assessment and ecodesign”

Jan. 2018 – Jan. 2019: **Research fellow** at the University of Genoa - Department of Civil, Chemical and Environmental Engineering

EDUCATION AND TRAINING

Nov. 2018 – Jul. 2022: **PhD in Chemical, Materials and Process Engineering** at the University of Genoa

10-21/9/2018: **Siena Summer School on Sustainable Development**

2014 – 2017: **Master's degree in Environmental & Energy Engineering** at the University of Genoa with a final mark of 110/110.

2011 – 2014: **Bachelor's Degree in Industrial Engineering (Energy and Environment)** at the University of Genoa with a final mark of 110/110 cum laude.

2006 – 2011: **Scientific high school diploma** at the “Liceo Scientifico G.D. Cassini” with a final mark of 93/100.

PUBLICATIONS

- [1] Pederzoli, D.W., Carnevali, C., Genova, R., Mazzucchelli, M., Del Borghi, A., Gallo, M., Moreschi, L., Life cycle assessment of hydrogen-powered city buses in the High V.LO-City

- project: integrating vehicle operation and refuelling infrastructure (2022) DOI: 10.1007/s42452-021-04933-6
- [2] Del Borghi, A., Spiegelhalter, T., Moreschi, L., Gallo, M., Carbon-neutral-campus building: Design versus retrofitting of two university zero energy buildings in Europe and in the United states (2021), DOI: 10.3390/su13169023
- [3] Perini, K., Magrassi, F., Giachetta, A., Moreschi, L., Gallo, M., Del Borghi, A., Environmental sustainability of building retrofit through vertical greening systems: A life-cycle approach (2021) DOI: 10.3390/su13094886
- [4] Bianchi, F.R., Moreschi, L., Gallo, M., Vesce, E., Del Borghi, A., Environmental analysis along the supply chain of dark, milk and white chocolate: a life cycle comparison (2021) DOI: 10.1007/s11367-020-01817-6
- [5] Del Borghi, A., Parodi, S., Moreschi, L., Gallo, M., Sustainable packaging: an evaluation of crates for food through a life cycle approach (2021) DOI: 10.1007/s11367-020-01813-w
- [6] Arellano-Vazquez, D.A., Moreschi, L., Del Borghi, A., Gallo, M., Valverde, G.I., Rojas, M.M., Romero-Salazar, L., Arteaga-Arcos, J.C., Use of EPD system for designing new building materials: The case study of a bio-based thermal insulation panel from the pineapple industry by-product (2020) DOI: 10.3390/SU12176864
- [7] Vázquez, D.A.A., Moreschi, L., Valverde, G.J.I., Gallo, M., Del Borghi, A., Arcos, J.C.A., Evaluation of By-products' Potentiality for the Reincorporation in New Building Materials (2020) DOI: 10.1088/1755-1315/544/1/012007
- [8] Moreschi, L., Del Borghi, A., Taramasso, A.C., Gallo, M., Waste management under emergency conditions: Life-cycle multicriteria analysis as decision support system (2020) DOI: 10.3390/RESOURCES9070082
- [9] Del Borghi, A., Moreschi, L., Gallo, M., Communication through ecolabels: how discrepancies between the EU PEF and EPD schemes could affect outcome consistency (2020) DOI: 10.1007/s11367-019-01609-7
- [10] Gallo, M., Moreschi, L., Mazzoccoli, M., Marotta, V., Del Borghi, A., Sustainability in maritime sector: Waste management alternatives evaluated in a circular carbon economy perspective (2020) DOI: 10.3390/RESOURCES9040041
- [11] M, G., L, A., D, L., L, M., A, D.B., GHG Accounting for sustainable mega-events: How lessons learnt during the Milan Expo 2015 world fair could lead to less carbon-intensive future mega-events (2020) DOI: 10.1016/j.spc.2020.02.007
- [12] Del Borghi, A., Moreschi, L., Gallo, M., Circular economy approach to reduce water–energy–food nexus (2020) DOI: 10.1016/j.coesh.2019.10.002