



● WORK EXPERIENCE

01/11/2022 – CURRENT Roma, Italy

TRANSPORT ENGINEER SAPIENZA

- Responsible for the Cost & Benefit Analysis based on the EC's Transport Innovation Deployment for Europe (TIDE) assessment methodology.
- Development, monitoring, and assessment of KPIs to assess the impact of implementing water management technologies across European sites.
- Assessment of the vertical and horizontal transferability of technologies.
- Representing La Sapienza in international project meetings with business partners and EC representatives.
- Data analysis of primary source questionnaires.
- Dissemination and presentation of scientific knowledge acquired from the LIFEH2OBUS project.
- Management of the EC's KPI LIFE webtool.
- Research assistant for the LIFEH2OBUS project and proposal team member for the Interreg NEXT MED 2024 - MEDITRANSLOG.
- Course assistant: tutoring, lecturing, co-supervisor for thesis and co-examiner for "Air Transport".
- Teaching subject-matter expert in Air Transport.
- Peer reviewer of air transportation-related articles.
- Presented material at the following international conferences and seminars:
 - 23rd International Conference on Environmental, Electrical Engineering (EEEIC) in Madrid, 2023.
 - 16th World Conference on Transport Research (WCTR) in Montreal, 2023.
 - 10th Transport Research Arena in Dublin, 2024.
 - Scientific Seminar Society Italiana Docenti di Trasporto (SIDT) in Cagliari, 2024.
 - TIS Roma 2024 AIIT 4th International Conference Greening the Way Forward: Sustainable Transport Infrastructure and Systems.
- Co-author of the following research papers:
 - Water management technology for implementing a water culture for bus operators (2024) In: Journal of Cleaner Production.
 - Water management as a new saving opportunity for bus managers: evidence from the LIFEH2OBUS project - (2024) Presented: TRA Dublin 2024 (Accepted, pending publication).
 - Water as a pivotal resource for the environmentally conscious management of bus fleets in Europe - (2023). In: 23rd EEEIC.
 - Water as a new resource for bus operators - (2023) Presented: WTCR 2023 (Accepted, pending publication).

● EDUCATION AND TRAINING

2015 – 2020 Rome , Italy

BACHELOR'S DEGREE IN ENGINEERING SCIENCES Tor Vergata University

Website <https://web.uniroma2.it/> | Level in EQF EQF level 6

2020 – 2022 Rome , Italy

MASTER'S DEGREE IN TRANSPORT SYSTEMS ENGINEERING La Sapienza University

Website <https://www.uniroma1.it/en/pagina-strutturale/home> | Field of study Engineering, manufacturing and construction |

Final grade 110/110 | Level in EQF EQF level 7

01/11/2022 – CURRENT Rome , Italy

PHD IN INFRASTRUCTURES AND TRANSPORT

Website <https://www.uniroma1.it/en/pagina-strutturale/home> | Level in EQF EQF level 8

● LANGUAGE SKILLS

Mother tongue(s): **ENGLISH** | **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
SPANISH	A2	A2	A2	A1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Python Language - Basic knowledge | Microsoft Word | LabVIEW 16.0 | MATLAB | Microsoft Excel

Methods to design transport systems

Modelling for transport system operations and management

Monitoring and ex-ante/ex-post assessment of mobility solutions