



# Pilot projects – Multimodal transport solution

Output T2.1



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## Introduction

A multimodal transportation solution integrating both bus and air travel modes demonstrates a sophisticated approach to address the transport needs of passengers with multifaceted requirements. This designed system seamlessly interlinks terrestrial bus services with the aviation sector, proffering an array of discerning advantages:

- **Seamless Intermodal Connectivity:** This integrated system meticulously orchestrates a seamless transition for travelers moving between the bus and air travel segments. Passengers can embark on a bus at predetermined embarkation points, which efficiently ferries them to the confines of airport terminals. This arrangement effectively mitigates the logistical complexities associated with navigating multiple transportation hubs, thereby streamlining the holistic travel experience.
- **Time Optimization:** The amalgamation of bus and air travel engenders a significant reduction in overall travel time, especially for individuals seeking to reach destinations without direct flight connectivity. Opting for a bus journey to facilitate proximity to an airport vastly diversifies the array of flight options, thus curtailing transit periods and minimizing layover durations.
- **Cost Efficiency:** For travelers of discerning financial prudence, the utilization of a bus as a means to access an airport confers a discernible advantage in terms of cost savings in comparison to alternate modes of ground transportation such as taxis or private car services. This multifaceted approach seamlessly marries financial frugality with travel convenience.
- **Environmental Stewardship:** The synergistic coupling of buses with air travel inherently underpins a commitment to environmental sustainability. Buses, as a mode of ground transportation, often exhibit superior fuel efficiency and emit fewer greenhouse gases on a per-passenger-mile basis in comparison to private vehicles. By opting for buses to undertake the initial segment of their journey, travelers actively partake in the mitigation of their carbon footprint.
- **Enhanced Accessibility:** The amalgamation of buses with air travel unearths an enriched terrain of accessibility, affording travelers a more expedient means of reaching airports and subsequent destinations. This proposition proves exceptionally valuable to passengers hailing from regions bereft of direct flight connectivity.
- **Tailored Scheduling:** Multimodal transportation solutions typically furnish a degree of scheduling flexibility. Travelers can select from an array of bus departure times that closely align with their flight itinerary, thereby experiencing a customized and convenient travel experience.
- **Enhanced Convenience:** The interplay between the bus and air travel components of this integrated approach elevates travel convenience to unparalleled heights. Passengers can aptly manage their

luggage during the bus journey, markedly streamlining the traditional check-in and baggage drop-off procedures at the airport.

- **Extended Reach of Destinations:** This holistic approach fosters an expansion of travel horizons, allowing passengers to explore destinations without dedicated airports. The utilization of the bus as the inaugural segment of the journey empowers travelers to effectuate a seamless transition to air travel for the ultimate completion of their voyage.
- **Reliable Network Connectivity:** The integration of bus and air travel embodies a meticulously coordinated and highly reliable transportation network. Schedules and intermodal transitions are scrupulously managed to minimize disruptions and ensure punctual departures and arrivals.

In summation, a multimodal transportation solution that ingeniously intertwines bus and air travel modes affords passengers a host of discerning advantages, including heightened convenience, fiscal prudence, temporal efficiency, and a principled commitment to environmental conservation. This integrated approach confers upon travelers a bespoke and seamless journey, ultimately amplifying the holistic travel experience and diversifying destination choices. This innovation serves as a testament to the adaptability and efficiency inherent in modern transport systems.

### **The pilot action of ON CLOUD NINE project**

The pilot action consists of a multimodal connection with a road connection between Puglia and Molise and an air route from Bari to Tirana., as well as of the creation of COVID free airports zones with relevant equipment and vehicles, aimed at testing feasibility of new interventions, paving the way for further broader developments and executing concrete solutions about accessibility and connectivity in air transport.

Aeroporti di Puglia increased the frequency of the air flights with Albania with some specific contracts with WIZZAIR and in this way the daily connection from Bari to Tirana has been guaranteed.

In this way, Aeroporti di Puglia, demonstrating its commitment to enhancing connectivity and facilitating travel between Puglia region and Albania, had taken strategic measures to amplify the frequency of air flights. This notable achievement had been realized through the establishment of specific contractual agreements with the airline carrier, WIZZAIR. As a result of this collaborative effort, the provision of daily air travel connections between Bari, Italy, and Tirana, Albania has been solidified, offering travelers a consistent and reliable means of transit. This concerted effort not only bolsters the transport network between two Countries but also plays a pivotal role in fostering economic, cultural, and social ties between the regions. The assurance of daily flights signifies a substantial leap forward in terms of accessibility, ensuring that travelers can conveniently embark on their journeys with confidence, knowing that consistent and frequent air travel options are readily available.

This initiative further underscores Aeroporti di Puglia's role as a catalyst for progress, promoting tourism, trade, and interpersonal exchanges between Italy and Albania: Aeroporti di Puglia has positioned itself as a pivotal enabler of mobility and connectivity within the Adriatic region, aligning with the overarching objective of improving the quality of life for passengers and travellers.

Molise Region is responsible for the assessment of the best option for interregional transport connections. The first step was a feasibility study, that is an analysis of solutions to improve the access of Molise to and from Bari airport. Its objective is to define outline characteristics, criticalities and guidelines for improving solutions for the connections between the Molise territory and Bari airport. The study also contains an analysis of the territorial and socio-economic context and of the transport system serving the territory and the airport. At the end the study defines two possible solutions (by road and through innovative air transport technologies), with the relative strengths, weaknesses, opportunities and threats of connections among Molise and Puglia. After that, pilot action was carried out by the Molise Tour company, from August 9 to September 9 2022, with two weekly trips on Tuesdays and Fridays, and coinciding with the Bari - Tirana A/R flights. After the end of the pilot action, Molise Region completed the Report of operated connections based on number of passengers that contains the main conclusions of the pilot action: a direct multimodal connection from Campobasso to Bari, in view of the travel times and the presence of multiple daily connections of the Foggia-Bari route guaranteed by the Apulian LPT service, is not an effective and efficient strategic choice.