

EVIS.AT: Realtime Traffic Information Austria

Reliable, up-to-date traffic information already plays an important role for traffic planning and traffic control. In the future, new fields of application such as automated driving or intermodal routing will be added. The value and importance of real-time traffic information will therefore continue to increase.

USP in Europe! With the projects GIP.AT (Graph Integration Platform - the Austria-wide reference system for traffic infrastructure data) and VAO (Traffic Information Austria – common information hub for all of Austria), important investments have already been made in an international forerunner role for real-time traffic information. As a result of GIP and VAO the Federal Ministry of Transport, Innovation and Technology (BMVIT) and the federal states have thus created an excellent basis for operator-controlled routing. What was still missing was high-quality, up-to-date traffic information for the road throughout Austria. This was started in 2015 with the EVIS.AT project – a real-time traffic information for roads in Austria. This information is already being made available to the Traffic Information Austria (VAO) for routing and visualization in various applications (e.g. App of the Upper Austrian Transport Association).

EVIS.AT is a digitalization project of the federal states, ASFINAG, ÖAMTC, the Federal Ministry for Interior (BMI) and several Intelligent Transport Systems (ITS) organizations (a total of 16 partners) funded by the Federal Ministry of Transport, Innovation and Technology (BMVIT). Through this Austria-wide cooperation, high synergy potentials can be achieved. This results in added value compared to exclusively decentralized individual initiatives of the federal states, the infrastructure operators and other stakeholders. The total budget of EVIS.AT is EUR 16.7 million. The project runs from November 2015 to October 2020 with a subsequent operating phase in 2021. EVIS.AT enables the development of this traffic management system with a 50% funding from federal funds.

EVIS.AT generates and provides **consistent and high quality traffic information, travel times and event reports** for the strategic Austrian road network, i.e. motorways and expressways, major national road connections and important municipal road sections. These data is exchanged via standardized interfaces between partners and federal states and is transferred to permanent operation.

EVIS.AT includes the Austria-wide acquisition, harmonization and exchange of traffic information in real time. The following data types are considered: unplanned occurrences (disruptions such as accidents), planned events (construction sites), current traffic situation and the forecast of the traffic situation. The total of 16 EVIS.AT project partners, under the project management of ASFINAG, have agreed to provide services in the course of EVIS.AT, both during the project duration and in the operating phase from 2021 onwards. This has created a solid basis for long-term operation. **The project partners from Upper Austria in EVIS.AT are the RISC Software GmbH and the University of Applied Sciences Upper Austria - Logistikum Steyr.**

The value added of EVIS.AT and the real-time traffic information for Upper Austria summarized: High-quality real-time traffic information is a prerequisite for well-informed and satisfied citizens who can better plan their mobility needs. Real-time traffic information is a further investment in the future of the state's data infrastructure and innovation landscape. As a result, services for residents can be created by local companies and thus, the added value remains in the region. Administrative tasks of the country can be optimized and ultimately owning real-time traffic information also means independence from international corporations.

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