

EXECUTIVE SUMMARY – IMPLEMENTATION PLAN CZECH REPUBLIC

Given the objective of this document, we focus on description of the part dedicated to preparation of innovative strategies and action plans in the field of information systems implementation in Czech cities and regions that are eligible for transfer of successful examples of good practices specified in the POLITE project.

Upcoming action plan of ITS development in the Czech Republic designates the CIS – Central timetable information system to be cardinal system in the segment of public transportation whose functionality can be considered very good and above-standard even when compared to others in the Europe. IDOS, its end-user interface, provides very comfortable, current and reliable access to information on public transportation possibilities.

Future potential of the system development depends considerably on the available funds, on the structure of these sources (public / private) as well as on the possibility to integrate this system with the information systems for individual transport.

Extension of the present CIS system with real-time information and its timely distribution to passengers by means of various ITS technological tools presents a separate segment that will require significant attention in the future. Therefore, it is a great benefit from a strategic perspective that the ČSN 01 8245 standard – Information systems in public transport - National real-time information system (CISReal) has been given effect as from June 1, 2014; this standard presents basic procedural and technical architecture and methodology for a functional system integrating real-time information on current operation of public transport systems into the existing CIS system.

Conceptually, it is thus the precious cornerstone of further both technological and procedural development.

Issues of the CIS / IDOS system being accessible and opened to other, non-public subjects remains a very important aspect in case of supporting the information system from public funds. Such a step can extend functionality and user attractiveness of the system significantly but, at the same time, it requires sensitive adjustment and definition of responsibilities and competencies in order to avoid misuse of information and undermining the quality of to the present day completely unique system at European level.

In relation to these issues, GPs have been selected in the POLITE project that describe the solutions that will be transposed to solution designs in strategic plans. They address especially solutions of open data, real-time information systems and related system of public transport vehicles' preference at intersections.

The field of SUMP creation which is recently fundamental for overall concept of transport development in cities presents a special segment. Czech and Slovak cities intend to build their strategic transport development plans according to this structure. In this context, it proves to be strategic to include the ITS development plan as inseparable part of these SUMP.

It is possible to acquire high-quality data in order to create further SUMP based on real indicators in case that a city has good ITS development plan and the systems are implemented in a way to ensure compatibility. These indicators can be also specified for the policy-makers who can make decision about changes and priorities in a given city or region based on this data. For example, co-financing of new information systems or implementation of new complex systems are considered. Therefore, we have also included GPs related to SUMP implementation to the list of solution examples that we will draw upon.

The subchapters of the original Implementation Plan describe current state of development in these fields.