# Good Practice template

To submit a good practice, you must register on the Interreg Europe website. You can submit your good practice through your user dashboard (good practices).

|  |
| --- |
| **Contact person** |
| *A contact person should be indicated for each good practice submitted to the programme. Once published, this person can be contacted by members of the Interreg Europe community to get further information on the practice.* *Per default, the contact person is the author of the practice. The details below are therefore completed automatically from your profile.*  |
| **Your details** | First name | Vojtěch |
| Last name  | Jíra |
| Email  | vojtech.jira@dex-ic.com |
|  | Phone number | +420 604 304 725  |

|  |  |
| --- | --- |
| **Do you want to indicate a different contact person for this good practice?**Only members of the Interreg Europe Community can be indicated as contact person for a good practice. | No |
| **In case ‘yes’ is selected, the following section appears:** |

Email of the contact person: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please note that you, as the author of the good practice, will remain responsible for editing this practice if needed.

|  |  |
| --- | --- |
| **Are you involved in an Interreg Europe project?**If you are involved in more than one project, please choose the project for which you are submitting this good practice.See our list of [approved projects](https://www.interregeurope.eu/discover-projects/). | Yes |

 **In case ‘yes’ is selected, the following section appears: Promoter –**

[**https://www.interregeurope.eu/promoter**](https://www.interregeurope.eu/promoter)

|  |  |
| --- | --- |
| **Please select the project acronym:** | PROMOTER |

|  |
| --- |
| **Organisation in charge of the good practice** |
| *If your organisation is not the one in charge of the good practice, you can indicate the relevant organisation in this section of the form. Your contact details will still be linked to the submitted good practice.* |
| **Is your organisation the main institution in charge of this good practice?** | NO  |

**In case ‘yes’ is selected, you can review your organisation’s details. In case ‘no’ is selected, you can select an existing organisation or add a new organisation.**

DEX Innovation Centre (DEX IC) is a private innovation hub established in 2012 in Liberec, Czech Republic. Its mission is to improve society through digital innovation and research.

DEX IC focuses on healthcare, energy, and transportation sectors. Its core activities include securing funding for research and innovation projects, co-creating new innovations and products, building startups and tech teams, and educating students. Since its foundation, the center has secured over €30 million for innovative projects, supported more than 100 startups, and trained over 1,000 students.

DEX IC collaborates with key partners such as EIT Health and EIT InnoEnergy. It is involved in projects that promote entrepreneurship, healthcare innovation, and sustainable energy solutions.

More info on official website <https://dex-ic.com/>

|  |
| --- |
| **Good practice general information** |
| *If you are submitting a good practice as part of an Interreg Europe project, the thematic objective and sub-topic are chosen for you.**If you are not part of an Interreg Europe project, please remember to choose the most relevant thematic objective and sub-topic for your good practice.* |
| **Thematic objective of the practice:** | (viii) Sustainable urban mobility for zero carbon economy  |
| **Implementation level of the practice:** | Regional |
|  | Country | Czech Republic |
| Region | Bohemian region |
| City | Prague |
| **Practice image** | Source: https://pid.cz/aplikace-pid-litacka-predstavuje-unikatni-vyhledavac-tras-nove-generace/ |
| **Title of the practice**  | Intermodal route planner - PID Lítačka  |

|  |
| --- |
| **Good practice detailed information** |
| *The questions below in italic are optional.* |
| **Short summary of the practice:** | The PID Lítačka application allows you to plan journeys in Prague and the Central Bohemian Region using a combination of public transport, cars, bicycles and walking. It enables the purchase of tickets and payment for parking, takes into account current delays of connections and supports shared mobility. It offers flexible, comfortable and efficient travel. |
| **Detailed information on the practice:** | The Intermodal Route Planner is a key component of the PID Lítačka mobile application, which enables users to search and plan journeys within the Prague Integrated Transport (PID) and the Central Bohemia Region. The planner integrates various modes of transport, including buses, trams, metro, trains, and in the future, shared bikes and scooters, into one convenient tool. Practice goals: To make travel easier and faster for residents and visitors to Prague and the Central Bohemian Region. To promote the use of public transport and intermodal mobility. Reduce dependence on individual car transport and its negative environmental impacts. Increase comfort and convenience for passengers. Main functions: Route search. Real-time information. Multimodal integration: the planner integrates different modes of transport (buses, trams, metro, trains, and in the future also shared bikes and scooters) into one result. Users can set their preferred means of transport, exclude barrier routes, specify departure/arrival times and other parameters. The planner displays fare information for the selected route. Option to purchase tickets: In the future, the planner will also integrate the possibility to purchase tickets online. Practice benefits: Easy and intuitive to use: the planner is designed to be easy to use even for non-experienced users. Comprehensive information: the planner provides users with comprehensive information on all available routes and connections. Time saving: The planner allows users to find the most suitable route and save time when travelling. Convenience: The planner eliminates the need to search different websites and apps for different modes of transport. Intermodal mobility support: the planner encourages the use of a combination of different modes of transport and thus a more sustainable way of travelling. The PID Lítačka intermodal route planner has become a popular travel planning tool in Prague and the Central Bohemian Region. According to PID Lítačka statistics, the route planner is used by more than 1 million users per month. The planner has contributed to the increase in the use of public transport and the promotion of intermodal mobility. It also has a positive impact on the environment by reducing transport emissions. The PID Lítačka intermodal route planner is continuously updated with new features and improvements. In the future, PID plans to integrate other modes of transport, such as shared bikes and scooters, as well as expanding the possibilities of personalization and online ticket purchase. The PID Lítačka intermodal route planner is an example of a well designed and successful tool for promoting public transport and intermodal mobility. It demonstrates the potential of technology to improve transportation systems and make cities more livable.  |
| **Timescale (start/end date):** | The PID Lítačka app was launched in 2018 and is still being actively used and developed. The next generation route finder, which was described in the report, was introduced on May 3, 2024 and is in full operational mode. The application continues to operate with no set end date. |
| **Resources needed:** | Financial resources: The financing of the PID Lítačka application was carried out in several phases: 1. Initial phase (2012-2015): Subsidies from the Operational Programme Transport. In 2012, the Prague City Transport Authority (DPP) received a subsidy of CZK 112 million (447 5110,85 EUR) from the Operational Programme Transport for the development and implementation of the PID Lítačka system. DPP's own resources. 2. Operational phase (2015-present): Revenue from ticket sales: The PID Lítačka application generates revenue from ticket sales. The price of a ticket purchased in the app is the same as the price of a ticket purchased in a ticket machine or from a driver. Advertising campaigns. Cooperation with partners: the DPP cooperates with partners such as banks and mobile operators to promote the PID Lítačka app and offer discounts and bonuses to users. The total cost of developing and implementing the PID Lítačka system is estimated at CZK 152 million (607 3364,72 EUR). The investment is expected to be recouped in the form of revenue from ticket sales and savings on operating costs. In addition to the above funding sources, the PID Lítačka application has been supported by grants and subsidies from other programmes, such as the Smart Cities programme.Sources of funding for the PID Lítačka application: Public sources: Operational Programme Transport (2012): CZK 112 million / 447 5110,85 EUR (74%) Grants and subsidies from other programmes (e.g. Smart Cities). Private sources: Own resources DPP (2012): 40 million CZK /1598253,87 EUR (26%) Revenues from in-app ticket sales: Ongoing Ads: In the past Total: Public sources: approx. 74% Private sources: approx. 26% The exact percentage split of funding between public and private sources over the years may vary slightly. Human resources: Transport Company of the capital city of Prague External suppliers. Prague and Central Bohemia Region representatives: approve the funding and strategic direction of the application. Users of the application: provide feedback and help improve the application.  |
| **Evidence of success (results achieved):** | The success of the PID Lítačka application can be measured by the high level of user acceptance that the application has gained thanks to the simplicity of purchasing tickets and searching for connections within Prague Integrated Transport. After the launch of the mobile version of the app, there has been an increase in users who prefer the digital form of Lítačka to the traditional plastic cards. The technological reliability and cost-effectiveness of the app also contributed to its success, which led to a positive evaluation by users and project partners.  |
| **Potential for learning or transfer:** | The potential for transferring the PID Counter app to other cities is significant. There are several factors that suggest the app could be successful in other environments. The growing demand for modern and convenient ways to purchase tickets, the popularity of smartphones, and the trend towards digitalisation are all supporting the implementation of mobile apps for public transport. Specifically, the success of PID Lítačka in Prague and the Central Bohemia Region, the open architecture and the availability of source code for customisation are further advantages. However, before porting the application, it is important to consider compatibility with existing systems, ensure adequate funding for implementation and operation, and effective marketing and promotion among potential users. The gradual roll-out of PID Lítačka to other cities includes an analysis of the city's needs, design and development of an application tailored to specific requirements, thorough testing, integration with existing transport infrastructure, user training and regular monitoring to optimise features and improve the user experience. The intermodal transport system that works in Prague can also be successfully implemented in other cities, provided that certain conditions are met: Supply and demand: Transportation Demand: The city should have sufficient transportation demand to make an intermodal system economically viable. This usually means a densely populated city center with the need for residents to travel to different locations. Transport offer: The city should have an existing public transport network that includes buses, trams, metro and/or trains. It is also important to have a well-developed network of cycle paths and sidewalks to support pedestrian and bicycle traffic. Institutional framework: Strong institutional leadership: Implementing an intermodal system requires strong and committed leadership from city authorities and transport organizations. There is a need to ensure coordination between various entities involved in transport. Clear legal framework: The city should have a clear legal framework that supports intermodal transport and enables the integration of different modes of transport. Financial security: The introduction and operation of an intermodal system requires financial resources. The city should have a financing plan that includes infrastructure investments, vehicle and technology purchases, and operating costs. Technical conditions: Integrated fare system: Passengers should be able to travel with one ticket on all modes of transport within the system. This requires the introduction of an integrated tariff system. Information and Communication Technology (ICT): Modern technologies such as route planners, mobile applications and bus stop information systems are essential to make travel easier and more enjoyable for passengers. Transport infrastructure: The city should have a suitable transport infrastructure that allows smooth and safe movement of all types of transport. This includes the construction of P+R parking lots, cycle lanes and sidewalks. Public support: Securing public support: It is important to gain public support for intermodal transport. This can be achieved by informing the public about the benefits of an intermodal system and involving the public in planning and decision-making. Adaptation to local conditions: Taking into account local specifics: When implementing an intermodal system, the specific conditions of a given city must be taken into account, such as its size, population density, existing transport network and residents' transport preferences. The system should be designed to meet local needs.  |
| ***External website (optional):*** | [*Aplikace PID Lítačka představuje unikátní vyhledávač tras nové generace | Pražská integrovaná doprava Pražská integrovaná doprava*](https://pid.cz/aplikace-pid-litacka-predstavuje-unikatni-vyhledavac-tras-nove-generace/)[*PID Lítačka je chytřejší, než kdy dřív. Nově nabízí intermodální plánovač – aktualizováno | mobilenet.cz*](https://mobilenet.cz/clanky/pid-litacka-je-chytrejsi-nez-kdy-driv-nove-nabizi-intermodalni-planovac-50310)[*Vítejte v portálu Lítačka | Lítačka*](https://pidlitacka.cz/cs)[*PID Lítačka: Jedna aplikace, tisíce možností*](https://app.pidlitacka.cz/faq)[*PID Lítačka - Projekty | oict.*](https://operatorict.cz/projekty/litacka) |
| ***Tags related to your practice (optional):*** | *Public transport, transport, smart, cities* |
| ***Documents (optional):*** | *Add documents to support your good practice* |
| ***Video (optional):*** | *Add a video to support your good practice* |
| ***A green and blue card  Description automatically generatedImages (optional):***  [***https://pidlitacka.cz/cs***](https://pidlitacka.cz/cs) | A green square with white text  Description automatically generated |