



Urban Mobility

Co-funded by the
European Union



European Institute of Innovation and Technology
EIT Urban Mobility
Mobility for more liveable urban spaces



University North

UniMob

Co-creation course and e-Learning model for
institutional mobility

Workshop 2 - Interactive workshop

APP&TOWN

<https://www.appandtowntown.com/>

- It is a free application that provides the user with the best route to go to/from the campus in any of the available transport modes.
- It provides real-time information about public transport schedules, incidents that may occur and, if necessary, calculates alternative routes, assisting the user from beginning to end.
- It is multimodal and exhaustive, including all modes of transport in the metropolitan area.
- This application allows the user to be constantly informed, throughout the journey, and where and when to alight.
- To achieve this, App & Town uses two sources of information, namely: The information offered by transport operators and the information that the users provide directly and in real time.



Commute Greener

<http://www.commutegreener.cm/>

- This app helps users change their daily commuting patterns. This application is supported by the European Union and used for traffic campaigns worldwide.
- For every improvement you see the impact on saved CO2, travel time, cost and health.
- One can collect points and badges along the way: compete with your friends and unlock badges like the “bicycle hero”.
- Create or participate in challenges and make the city a more livable place.



CITYMAPPER

<https://citymapper.com/>

- With the aim of reinventing urban transport apps, Citymapper was built for the daily needs of the habitual traveller covering around 40 cities worldwide using public transport.
- Their algorithm combines all means of transport to find the best route: metro, trains, buses, Uber / taxi, Car2go and bicycles.

Some advantages are:

- Find the best route
 - Real time information
 - Customize your city
 - Smart commute
 - Offline Maps and schedules
 - Step by Step trips
 - Share it with your friends



Moovel

<https://www.reach-now.com/>



- Moovel offers new ways to connect the urban mobility ecosystem with three complementary products: Moovel app, Moovel transit and Ride Tap.
- Inside Moovel one can search, book and pay for rides.
- Inside Moovel transit offers ticketing and payment solutions and also, smart routing and pooling.
- The software platform can be integrated into existing transport operators' services.
- Moovel aims to discover how ICT affect the way people move and connect the ever-changing state of urban transport working in Europe.



CityGoRound

<http://www.citygoround.org/>

- City-Go-Round helps you find useful transit applications near you.
- City-Go-Round also encourages public transit agencies to open their data to software developers.
- Their mission is to help make public transit more convenient.
- For example, an app that lets you know when your bus will arrive is way better than standing outside waiting for 20 minutes.
- Is a catalogue with a 292 open data apps to help people get around.
- Divides Public transit apps, cycling apps, walking apps, Driving apps.



Moovit

<https://www.reach-now.com/>

- This is an integrated Public Transport Application. More than 1800 cities and 79 countries are connected with this app.
- The main features are an Urban Mobility Analytics, Transit Surveys, Transit Data Studio, Real-Time Bus Locator, Trip Planner.
- Web-based platform to create, manage and distribute transit data to everyone.
- This app has a comprehensive transit data management tool with an easy-to-use web interface that enables one to create, edit and manage public transit information.



MoveUs Platform

<http://www.moveus-project.eu/>

- A cloud-based mobility management platform integrating different transport and traffic management components which are able to collect heterogeneous data and process these data to infer valuable information of the traffic status and users' mobility patterns, ensuring data privacy and security all along the handling process.
- The data is collected in different formats and come from different sources: from the user through the mobile application (e.g. mobility patterns, preferences) or synchronously (position in real time), from conventional sensors and ITS systems and from historic databases (e.g. public transport schedules) or mobility companies.



COMMUTE 900067

<http://www.commute90067.com/>



- This is an integrated Public Transport Application. More than 1800 cities and 79 countries are connected with this app.
- The main features are an Urban Mobility Analytics, Transit Surveys, Transit Data Studio, Real-Time Bus Locator, Trip Planner.
- Web-based platform to create, manage and distribute transit data to everyone.
- This app has a comprehensive transit data management tool with an easy-to-use web interface that enables one to create, edit and manage public transit information.



Limassol

<http://www.limassoltourism.com/en/>

- The Limassol Tourism Company (Cyprus) within the European programme, Civitas Destinations in terms of Horizon 2020 offer you the “Mobility Limassol” app.
- Find the most efficient route from one point to another in terms of energy consumption and, in turn, lead to a decrease emission of pollutants.
- The app contains comprehensive information about Cycling routes, EV charging stations, Parking places and Public Bus service including routes, stops and maps.
- Also it has integrated trip planner with location search functionality to help you figure out the most efficient routes to reach your destination with expected duration of travel.
- This application aimed at residents, citizens and visitors that includes all functionalities that may be needed when prefer to move sustainable.



vjagg

<https://www.um.edu.mt/iccsd/projects/demandresponsivetransport/vjagg>

- This software is provided by the University of Malta and developed with the support of the Vodafone Malta Foundation.
- The application was designed to collect data about journeys carried out by the user throughout the day.
- The information provides valuable insight into the travel needs of individuals and the population, which are essential for our research in transportation planning.
- The Application gives the user complete control to start and stop the logging process, and the journey data is not sent automatically to our servers but requires the user's active intervention, at which point certain journeys may be annotated and sent, or simply deleted.



RideAmigos

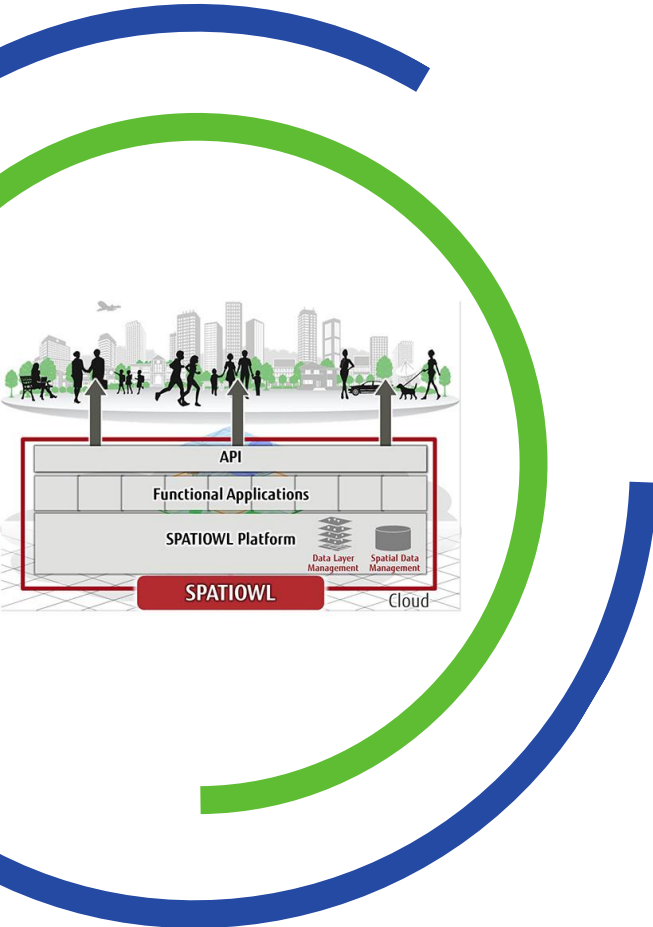
<https://rideamigos.com/platform/>

- This platform is a web-based commuter management solution, providing an industry-leading interactive platform for regional, corporate, and campus commuter networks, with multi-modal travel dashboards, incentive and reward systems, intelligent ride matching, automated trip tracking, certified transportation and air quality surveys, GIS reporting tools, and more.
- RideAmigos brings together your transportation resources, data, and programs all in one place, creating measurable impact, and increasing efficiency month over month.



SPATIOWL

<https://www.fujitsu.com/global/solutio/>



- It designates a service for the integrated management of many types of transport related data using Big Data analytics and Cloud Computing technology.
- The service can deal with large amounts of data coming from multiple sources such as public transport, vehicles, and pedestrians' smartphones in urban areas through sensors.
- It aggregates and analyzes across various data layers and provides new insights from the analyzed data to identify relevant actions in the user context.

AutoPilot

<http://www.autopilot-project.eu/>



Co-funded by the
European Union



- This project brings together relevant knowledge and technology from the automotive and the IoT value chains in order to develop IoT-architectures and platforms which will support automated driving.
- The main objectives are:
 - Enhance the driving environment perception with IoT sensors enabling safer highly automated driving
 - Foster innovation in automotive, IoT and mobility services
 - Use and evaluate advanced vehicle-to-everything
 - Involve users, public services, business players to assess the IoT socioeconomic benefits
 - Contribute to the IoT standardization and eco-system





- An international App working in China, Canada, USA and Europe, which solves the problem of needing a car without actually owning one.
- Car2go is a flexible car sharing service without fixed rental stations.
- Users can rent and park everywhere in the home area of their cities with a low tax per minute validating their driver license in the app.
- With the car2go app you can easily find and reserve every available car2go.
- How does it work? Reserve the car2go with the app up to 30 minutes before departure. If a car is not immediately available, just activate the radar feature in the app. The car2go radar notifies you as soon as a car becomes available in your area.



CAR2GO

<http://www.car2go.com>

CHUMS: Carpool Site Appraisal Tool

<http://www.chums-carpooling.eu/>



Co-funded by the
European Union



- The CHUMS project for carpooling works simply when a driver shares their vehicle with others travelling to a similar destination.
- The universities are large trip generator catchments, therefore this can save fuel costs and reduce the single occupancy of vehicles and thus can be crucial in reducing congestion and traffic jams around the campuses.
- The CHUMS project tries to demonstrate that carpooling is a viable and convenient option that overcomes traditional social, behavioural and cultural barriers associated with sharing, and helping people change their travel habits regarding commuting.
- For that reasons, universities are one of the best options to test the effectiveness of the carpool.





- This application Has a specific API that could help making campus life easier and more efficient for everyone.
- MazeMap improves the student experience by reducing stress and uncertainty.
- Main Features:
 - Indoor map
 - Wayfinding
 - Indoor positioning
 - Automatic updates
 - Map export
 - IoT platform.



MazeMap

MazeMap

<https://www.mazemap.com/>

Mytaxi

<http://www.mytaxi.com/>



Co-funded by the
European Union



- Mytaxi connects with 10 million worldwide users and 45.000 taxis in 40 cities.
- The users can use the website or the app to book, pay and give assessment of the taxi service.

Some advantages:

- Get your taxi with one touch.
- Follow the taxi driver's route in real time.
- Rate the driver and save your favourite's for future trips.





- Oroeco automatically tracks user climate impacts with the world's best carbon footprint calculator.
 - Personalized tips show you which climate actions will reduce the most pollution
 - Saving money information
 - How driving connects to global warming?
 - Comparing, collaborating and inspiring the community.
 - See how your climate impacts and actions compare with your friends and neighbours.
 - Inspiring everyone to become a Climate Champion.
 - Within this app the user can win cash and prizes by inviting their friends and being proactive.



Oroeco

<http://www.oroeco.com/>

BikeCitizens

<https://www.bikecitizens.net/>



Co-funded by the
European Union



- Bike Citizens is an app which provides the user cities' or companies' cycling solutions through navigation tools, promotion cycling tools and data analysis.

Some advantages are:

- Digital guidance system for citizens
- Display existing cycling infrastructure
- Safety and guidance for beginners
- Increase motivation
- Maintain motivation over the long term
- Develop local cycling communities
- Graphically display bicycle traffic
- Prepare data for traffic planning
- Demonstrate unrealized possibilities & obstacles

A large graphic on the left side of the slide. It consists of a thick grey outer arc and a red inner circle. Inside the red circle, the words 'bike', 'citizens', and 'zens' are stacked vertically in a red, lowercase, sans-serif font. The 'b', 'i', 'k', and 'e' of 'bike' are on the top line, 'c', 'i', 't', 'i', 'z', 'e', 'n', 's' of 'citizens' are on the middle line, and 'z', 'e', 'n', 's' of 'zens' are on the bottom line.

b i k e
c i t i
z e n s



- This application is used in 123,000 locations, in 9,700 cities, on 7 continents.
- ParkMe help users to park their private cars in a smarter and faster way.
- With this app the user can find the cheapest, closest parking space and sometimes a guaranteed parking spot in advance with integrated credit card payment.

Main features:

- View informative maps of parking areas and garages in your area.
- Check daily & monthly parking rates, see prices laid out on the map and compare costs.
- Set our parking timer to help you avoid overstaying, overpaying or getting a ticket.
- See real-time info on exactly how many spots are open in a garage or lot.
- When you decide on a space or garage, get directions to the nearest driveway not just the street address.



ParkMe

<http://www.parkme.com/>



Thank you!

For more information, please contact:
info@eiturbanmobility.eu

www.eiturbanmobility.eu

Follow us!

  @EITUrbanMob
   EIT Urban Mobility

