

## Mobility Station

### SMART SOLUTION 12: SMART MOBILITY SOLUTIONS



- Mobility Hubs provide access to a range of transport options, improving the flexibility of urban mobility and reducing the need for private car ownership
- Option to pre-book parking spaces reduces inner city traffic as drivers no longer need to circulate searching for a parking spot
- Increase demand for products such as electric vehicles and bikes could help create jobs, as well as providing quality of living locally

SUSTAINABLE  
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MOBILITY



Cologne

Technical partners: Cambio Cologne, KVB, Ampido, Rhein Energie  
Christian Remacly: [c.remacly@rheinenergie.com](mailto:c.remacly@rheinenergie.com)  
Steven Pakasathanan: [steven.pakasathanan@ampido.com](mailto:steven.pakasathanan@ampido.com)  
Tanya Bullmann: [tanya.bullmann@cambio-carsharing.de](mailto:tanya.bullmann@cambio-carsharing.de)  
Frank Gassen-Wendler: [frank.gassen-wendler@kvb-koeln.de](mailto:frank.gassen-wendler@kvb-koeln.de)



## What is the solution?

Mobility hubs will provide commuters and residents with a location, where you can easily find various kinds of transport, such as trams, trains, buses, taxis, (e-)Carsharing, (e-)Bike-Sharing and parking lots with online management of parking spaces. There will be the possibility for the urban administration to regulate inner-city traffic by adjusting prices according to the demand and capacity.

## How does it work?

Mülheim is a part of Cologne which is encircled by the river Rhine to the west, the motorway to the east and north, and other major roads to the south. It can be characterised as a former industrial and working class area now changing into an area with media companies.

The renovation of residential quarters leads to an increase of demand. With this increasing demand comes increasing traffic, which is a major problem. Traffic is caused by residents and commuters from surrounding areas of Cologne and nearby cities such as Bonn and Düsseldorf as well as delivery traffic.

We want to encourage behavioural change from using a car towards more active modes of transport like walking and cycling in connection with trams, trains and other environmental friendly modes of transport. In order to do so one needs a really good alternative.



## Expected impact

The Mobility Hubs are expected to lead to a 60% reduction in CO<sub>2</sub> emissions. In order to achieve this, it is important that they be placed at a well known point in the city, where people can easily find and use different kind of vehicles.

### Other impacts include:

- A 40% reduction in inner-city traffic can be created by reducing the number of cars looking for parking
- Reduction of privately owned cars
- Supply of incentives so that one can live without their own car

## Potential for replication

If the Mobility Hubs work as expected, they can be replicated in other cities in order to change mobility behaviour there.