PTV GROUP

the mind of movement

PTV Bicycle

Service Description

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Short title	Service Description PTV Bicycle
Version	1.0.2 dated 2023-04-06

Service Description

1 General profile

PTV Bicycle is a web application that allows to easily sketch new bicycle highways in and around Karlsruhe to estimate their potential benefits.

2 Technical system description

2.1 General

PTV Bicycle can be used as a web client and is recommended to be used with the Google Chrome™ web browser on a desktop computer. Functionality and layouts from untested web browsers and operating system recommendations can vary.

PTV Bicycle operates via Windows Azure™; PTV AG's data center and network.

The Service Description is not an assurance of a claim to all variants.

2.2 Technical requirements

Browser

- Use the latest version of Google Chrome or another Chromium-based browser.
- Web.GL 2.0, Java.Script and Cookies need to be enabled.
- The browser needs to support hardware acceleration.

Client configuration

- Network bandwidth: recommended connection speed 20 Mbps or more
- Screen resolution: 1600 x 900 (high color quality) or higher
- Processor: recommended Intel Core i5 or newer
- Graphic card: needs to support web.GL 2.0 and hardware acceleration.

Operating systems

- Microsoft Windows 10 or newer
- Apple Mac OS X Lion 10.12 or higher
- Linux

Mobile requirements

- This product is not designed for mobile devices. Usage on a mobile device is at the customer's own risk.

3 Product description

3.1 PTV Bicycle

PTV Bicycle contains the application Bicycle Highway Planner in which you can sketch bicycle highways and get an estimation of their potential benefits based on a procedure from BASt. Bicycle highways can be saved and compared to each other.

3.1.1 Help

On the product main page of PTV Bicycle you find a mail address, where you can request support or ask questions about the product.

3.2 Bicycle Highway Planner

The Bicycle Highway Planner offers two main functionalities:

- ➡ A list of bicycle highways including an option to compare them; and

- ➡ A map on which a bicycle highway can be visualized and created as well as edited.

The saved highways can only be accessed within the corresponding product instance.

3.2.1 Bicycle highway list

The bicycle highway list displays all highways, their KPIs and the options to delete, rename, and open to revise existing highways as well as to create new highway.

3.2.2 Map

The background map is a web map tiles service provided by MapTiler© and OpenStreetMap contributors©.
Different layers are offered in and around Karlsruhe providing demand, supply and traffic information.
Using the pen bicycle highways can be created and edited. Rough KPIs are computed and shown. Exact KPIs are computed in the background by saving a highway.

3.3 Product Limitations

There are currently no limitations. If necessary, limitations may be enforced at any time.

3.4 Licenses

The population data is provided by the German zensus of 2011 (© Statistisches Bundesamt, Wiesbaden 2015).
It is provided under the license *Datenlizenz Deutschland – Namensnennung – Version 2.0* and is available at https://www.zensus2011.de/DE/Home/home_node.html.

The supply data is computed using Open Street Map data (OpenStreetMaps©).
 This data is provided under the license *ODbL*.

The expected number of trips is computed using an improved variant of the [BASt procedure](#) (German only).

The whole derived database (population, supply, and traffic data) is licensed under *ODbL* and can be requested via mail to geolab@ptvgroup.com.

By accepting this agreement, you accept the terms of both licenses.

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