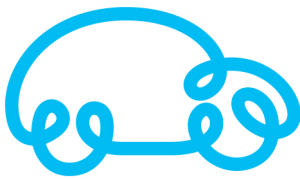


Dream-like simulation abilities for automated cars



DREAMS4CARS

Grant Agreement No. 731593

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Version	Date	Modified by	Comments
0.1	23/04/2018	Mehmed Yüksel	First draft
0.2	18/05/2018	Felix Bernhard	
0.3	25/05/2018	Andrea Saroldi	Description of Italian test site
0.4	27/05/2018	Mauro Da Lio	Revision and description of the Digital Map making
0.5	01/06/2018	Andrea Saroldi	Small updates
0.51	11/06/2018	Elmar Berghöfer	Merging of changes from DFKI version
0.6	12/06/2018	Mehmed Yüksel	The part for difficulties has been added.
0.61	18/06/2108	Herman Heich	Internal peer review
0.62	19/06/2018	Mauro Da Lio	Internal peer review
0.7	20/06/2018	Mehmed Yüksel	The information of test site are updated, the text modified.

0.8	27/06/2018	Elmar Berghöfer	Final Version for Submission
0.90	27/06/2018	Mauro Da Lio	Version for upload

Executive Summary

This deliverable reports the work that has been carried out to organize the test sites in Germany (used by DFKI) and in Italy (used by CRF).

In Germany multiple private test sites have been considered, selected and organized. They can be used while closed for general public. Additionally, the test DFKI vehicle has been granted permissions to be driven on public roads under certain conditions.

In Italy there is one private test track, which is the property of FCA and located near the CRF headquarters.

Several arrangements have been carried out to use the test tracks (from defining agreements with owners, to site inspection, to preliminary tests, to work to obtain the license for public roads etc.); in particular, since the German sites do not have digital maps suited for the electronic horizon, the necessary maps must be created from collected GPS, IMU and LIDAR data. Within the scope of this work-package, first sample data for the Jeddelloh and Bassum test sites has already been collected and (version 1) of the maps have been created. The map of Jeddelloh test site is described here with the map generation procedure.