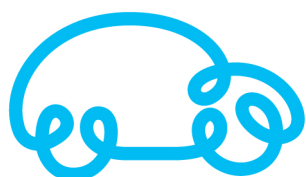# Dream-like simulation abilities for automated cars

DREAMS4CARS

Grant Agreement No. 731593

Deliverable: D7.2 – Final Report

Dissemination level: CO - Confidential

Delivery date: 21/December/2019

Status: Final

Deliverable Title	Final Report			
WP number and title	WP7 - Management			
Lead Editor	Mauro Da Lio, UNITN			
Contributors	Hermann Heich, HC			
	Henrik Svensson, HIS			
	Andrea Saroldi, CRF			
Creation Date	15/November/2019	Version number	0.8	
Deliverable Due Date	31/December/2019	Actual Delivery Date	21/December/2019	
Nature of deliverable	X	R - Report		
		DEM – Demonstrator, pilot, prototype, plan designs		
		DEC – Websites, patents filing, press&media actions		
		O – Other – Software, technical diagram		
Dissemination Level/ Audience		PU – Public, fully open		
	X	CO - Confidential, restricted under conditions set out in MGA		
		CI – Classified, information as referred to in Commission Decision 2001/844/EC		

Version	Date	Modified by	Comments
0.1	15/November/2019	Mauro Da Lio	Initial Draft and TOC.
0.2	2-5/December/2019	Mauro Da Lio	Sections 1 and 2.
0.3	6/December/2019	Mauro Da Lio	Section 3. Section 4 (begin).
0.4	8/December/2019	Mauro Da Lio	Section 4 (continuation from 4.1).
0.5	13/December/2019	Mauro Da Lio	Continuation from section 4.1.4 and section 5 Conclusion.
0.6	17/December/2019	Henrik Svensson	Review comments.
0.7	18/December/2019	Andrea Saroldi	Review comments.
0.8	21/December/2019	Mauro Da Lio	Final version for submission.

Executive Summary

This document provides a final summary of the main scientific and technological results, and of the potential impacts.

Two main contributions can be listed: a) an original sensorimotor architecture with emergent explainable behaviours and b) a method for synthetizing behaviours and control vial manipulation of learned models of the world.

We believe that both are valuable contributions of Dreams4Cars for both the scientific and industrial communities. In particular both will help developing cognition abilities that we deem (and try to demonstrate) overcome the corner cases that are faced today.

Selected open data also contribute to these goals and reduce the barriers for adoption of these new ideas.