

# Dream-like simulation abilities for automated cars



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	<input type="checkbox"/>	DEM – Demonstrator, pilot, prototype, plan designs	
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	<input type="checkbox"/>	O – Other – Software, technical diagram	
<b>Dissemination Level/ Audience</b>	<input type="checkbox"/>	PU – Public, fully open	
	<input checked="" type="checkbox"/>	CO - Confidential, restricted under conditions set out in MGA	
	<input type="checkbox"/>	CI – Classified, information as referred to in Commission Decision 2001/844/EC	

### Document history:

Version	Date	Modified by	Comments
0.1	20. 10. 2017	Hermann Heich	Set-up of Deliverable
0.2	06.11.2017	Mauro Da Lio	Initial version
0.3	16.11.2017	Andrea Saroldi	Contribution and comments
0.4	24.11.2017	Elmar Berghöfer	Contributions
0.5	24.11.2017	Hermann Heich	Contributions, revisions and integration of input
0.6	03.12.2017	Mauro Da Lio	Further contributions concerning dual use and misuse
1.0	4.12.2017	Hermann Heich	Consolidation and revision of all contributions and final editing
1.1	20.12.2017	Mauro Da Lio	Final verification and approval (improvements to section 1.6.2)

## Executive Summary

Dreams4Cars strives to contribute to safer autonomous cars by improving the artificial driver (the agent) adopting research from the cognitive sciences and implementing a learning mechanism that is broadly inspired by human dreams. As autonomous driving enters the market a range of societal impacts will need to be addressed. In this context, the Dreams4Cars proposal underwent an Ethical Review that resulted in an Ethics Summary Report. This report, issued by a panel of ethical reviewers raised a number of potential ethical issues.

This deliverable is responding to each of the ethical issues raised in the Ethical Summary Report. The structure of the deliverable follows strictly the way and the order the ethical issue have been raised. As a courtesy for the reader each main paragraph starts with a copy of the respective ethical issue in a grey box. These boxes are followed by the Dreams4Cars positions, explanations and justifications.

Being aware of the seriousness of the ethical review the deliverable provides comprehensive explanations and justifications that Dreams4Cars is fully compliant with the ethical standards for Horizon 2020 research projects.