WTAWARD2014

Categorie Premio	Accessibilità	Sostenibilità	Qualità della vita		
Product Name	Smart Highway – smart	roads of tomorrow			
Designer	Daan Roosegaarde				
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egorie Premio	Accessionita	Sostenionita	Guanta Gene The	
Description of innovation social values - product category	innovation that opportunities of	l links a different way of looking a offered by new technologies in sm	art roads of tomorrow. A programme of it things with innovative ideas that apply the nart ways. Smart Highway is the result of	16
 formal and functional features problems solved by innovation user field of application 	Roosegaarde. manifested in th Studio Roosega designs such a Priority Lane'.	The themes sustainability, safety the form of the newest technologi gaarde tackled this issue on a larg as 'Glow-in-the-dark Lining', 'Dyna Together they want to make the r	veloper Heijmans and designer Daan v and perception are key to the concept an ies in the area of energy and light. ge scale by innovating the road deck with amic Paint', 'Interactive Light' and 'Electric road sustainable and interactive through m signs that adapt to the road situation.	c
Description of technical features - operations - technology	'Dynamic Paint materials have materials will be attention will th and the lighting 2012-2015. Sm	t' technology. Two working protot been successfully tested in our l be tested on the laboratory's prem hereby be given to weather resista g duration of the glow-in-the-dark	ppment and testing of the 'Glowing Lines' a types have been developed from this and t laboratory. Over the coming months the nises under Dutch weather conditions. Spe ance and urability, as well as to the light o c lining, which lasts more than eight hours. ensors and other media. Concept and Desi eijmans.	the ecial output
Dimensions	Applicable to a	all roads around the world. Meters	and kilometers.	
Materials			elf commisioned by Studio Roosegaarde an ned and have special characteristics.	ind
Certifications	Accenture Inno	ovation Award, winner of index av	vard and people's choice award,	
Benefits for environment	harvesting and high-tech envir	I road signs that automatically ad ronments in which viewer and spa	ainable and interactive by using light, energilapt to the traffic situation. We create tactil ace become one. This connection, establishat Roosegaarde calls 'techno-poetry'.	ile
Benefits for human being	technology and		ore the dynamic relation between people, s people to public space, adding extra valu and their environment.	