

Company Information	Company Name	Yachiyo Engineering Co., Ltd.			Industry	Design / Consulting		
	Website	https://www.yachiyo-eng.co.jp/e/						
Technology / Solution	Tech/Solution Name	<ul style="list-style-type: none"> <li>Image analysis (traffic volume flow, vehicle identification)</li> <li>Blockchain platform including regional MaaS</li> <li>Any analysis utilizing traffic database</li> </ul>						
	Which field does the tech/solution contribute to?	Smart City						
	Which problem can the tech/solution solve?	Traffic/Mobility	<input type="radio"/>	Energy	<input checked="" type="radio"/>	Disaster Prevention	<input checked="" type="radio"/>	
		Infrastructure Maintenance	<input type="radio"/>	Community Activation /Sightseeing	<input type="radio"/>	Health/Medical	<input checked="" type="radio"/>	
		Agriculture, Forestry and Fisheries	<input checked="" type="radio"/>	Environment	<input type="radio"/>	Security	<input type="radio"/>	
Logistics		<input type="radio"/>	Urban Planning /Maintenance	<input type="radio"/>	Others (Free Writing)			
Key words	Automatic traffic measurement, Image analysis, AI, Data platform							
Overview of the tech/solution	<p>AI-basis "TRAVIC" can analyze traffic data recorded from a roadside with a handy camera, and then take automatical measurements of the analyzed data, according to each vehicle type's traffic condition (i.e. traffic volume and driving speed).</p> <p>Any traffic data or facilities available in the targeted area (i.e. parking lot) can be linked to TRAVIC with blockchain technology, which leads to establishing a platform with shared data utilization.</p> <p>Traffic data that TRAVIC processes will be useful database for any information service, new service such as MaaS, or plan development, according to needs of road users, public transportation users, transportation operators, or a regional government.</p> <p>Data analysis can be conducted in a way or for a purpose to meet client's demand.</p>							
Description of the tech/solution								
Global Expansion	Asia	Considering development	Africa	Consider if requested	Middle East	Consider if requested	Europe	No plan to develop
	Russia	Consider if requested	Oceania	Consider if requested	North America	No plan to develop	Mid/South America	Consider if requested

Case Study	Country	Japan															
	City	Hatsukaichi city, Hiroshima Pref.															
	Project name	Study of bottleneck analysis in Hiroshima area															
	Project Overview	<p>The project purpose was to improve traffic jam around World heritage "Miyajima" tourism area. Grasping actual traffic condition of the national highway, analyzing bottleneck of traffic jam, and collecting basic information were done for proposing a solution.</p> <p>In this project, traffic data was automatically collected by "TRAVIC" system. Considering traffic flow in high-peak season and tourism characteristics in the targeted area, possibility of any solution for improving traffic jam were explored with AI/ICT technology.</p> <p>In this project, traffic data was automatically collected by "TRAVIC" system. Considering traffic flow in high-peak season and tourism characteristics in the targeted area, possibility of any solution for improving traffic jam were explored with AI/ICT technology.</p>															
	Discription of the project																
Website of the project																	
SDGs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Note (Award etc.)																	