

NEW SAFETY BARRIERS MAINTENANCE METHODS

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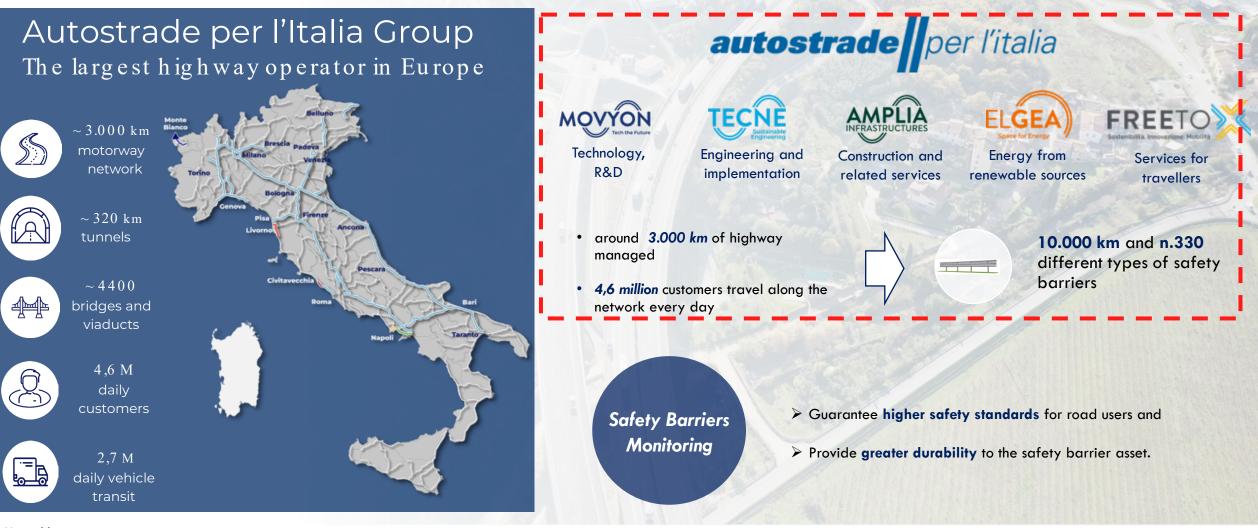
Business Unit Operations

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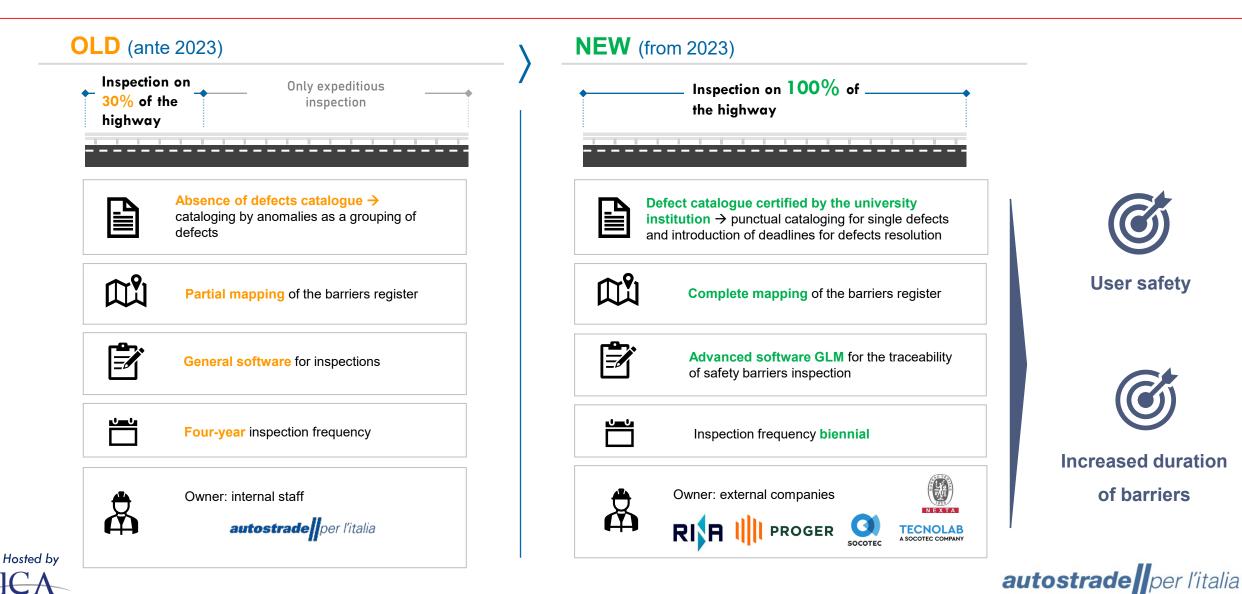










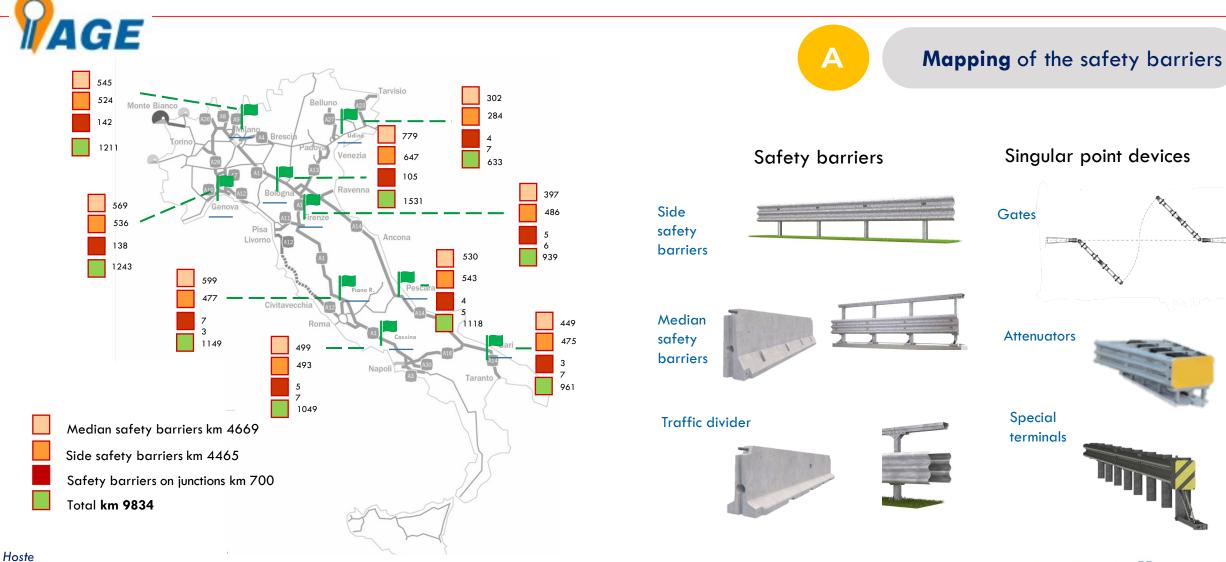




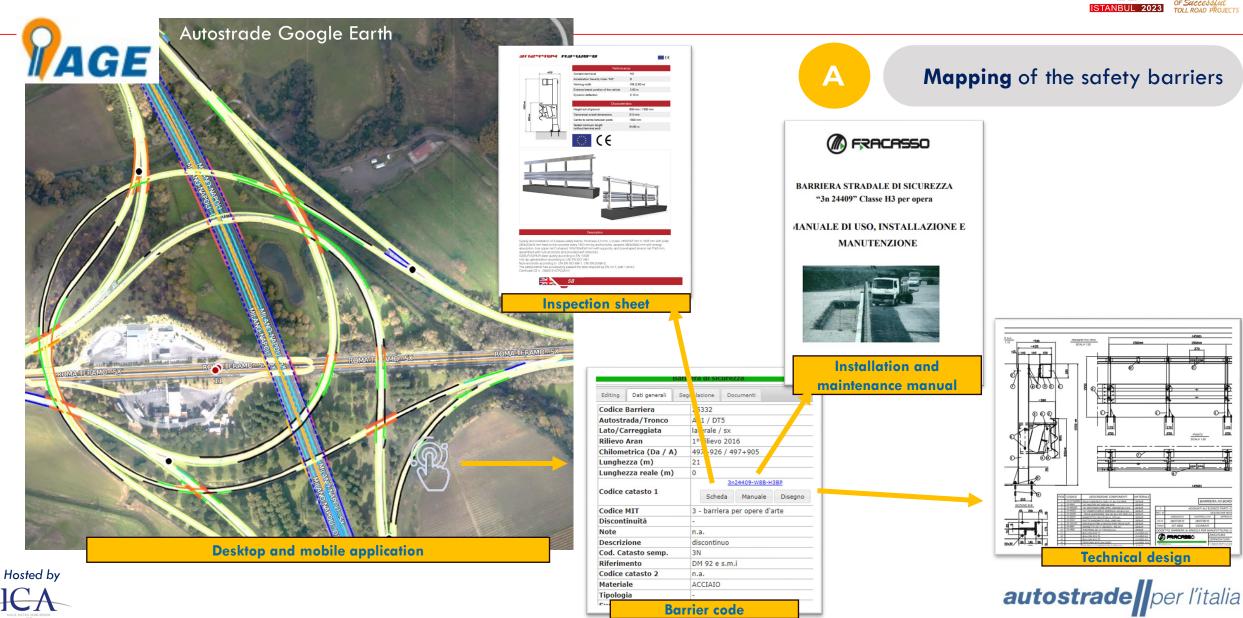








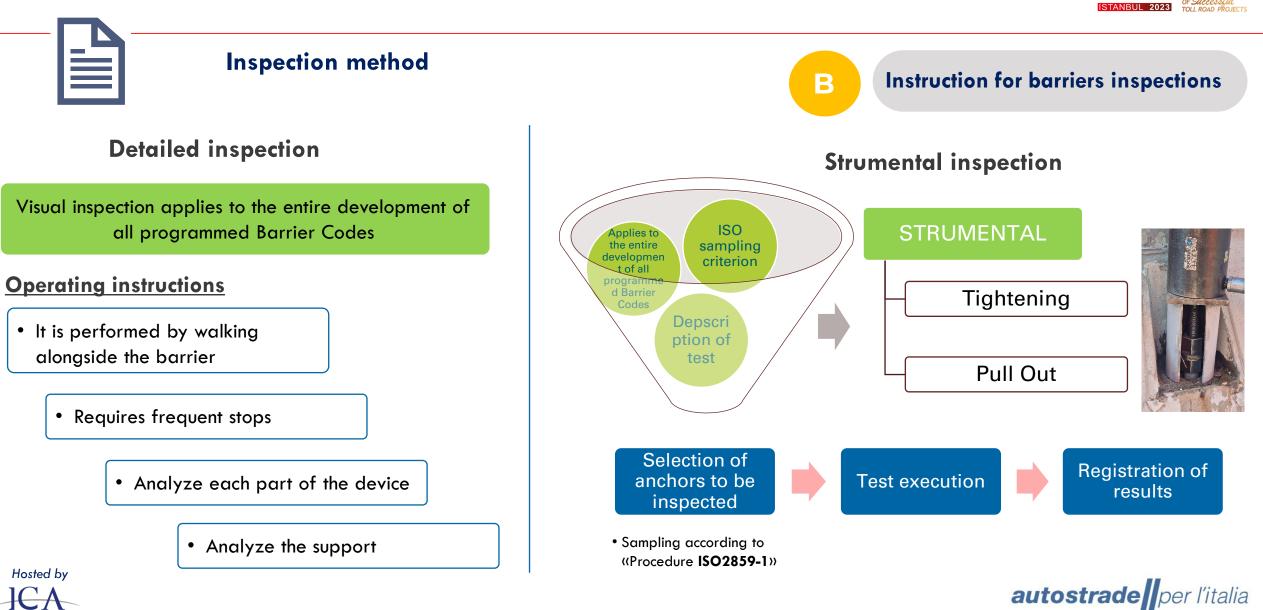
10.000 km of barriers – n.330 different types



ASECAP DAYS

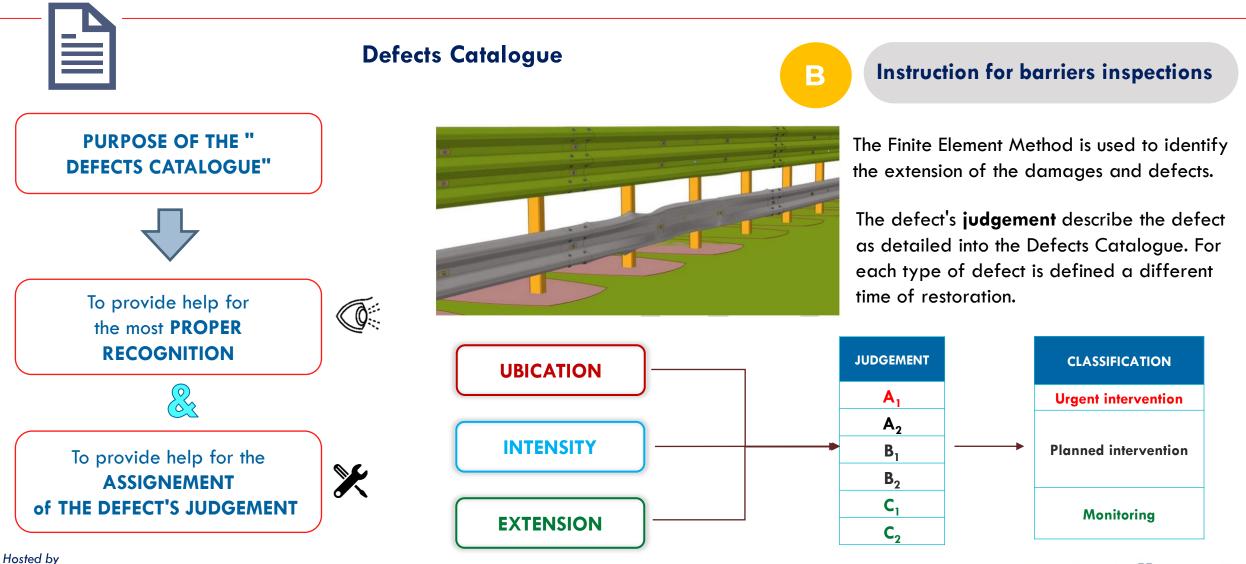
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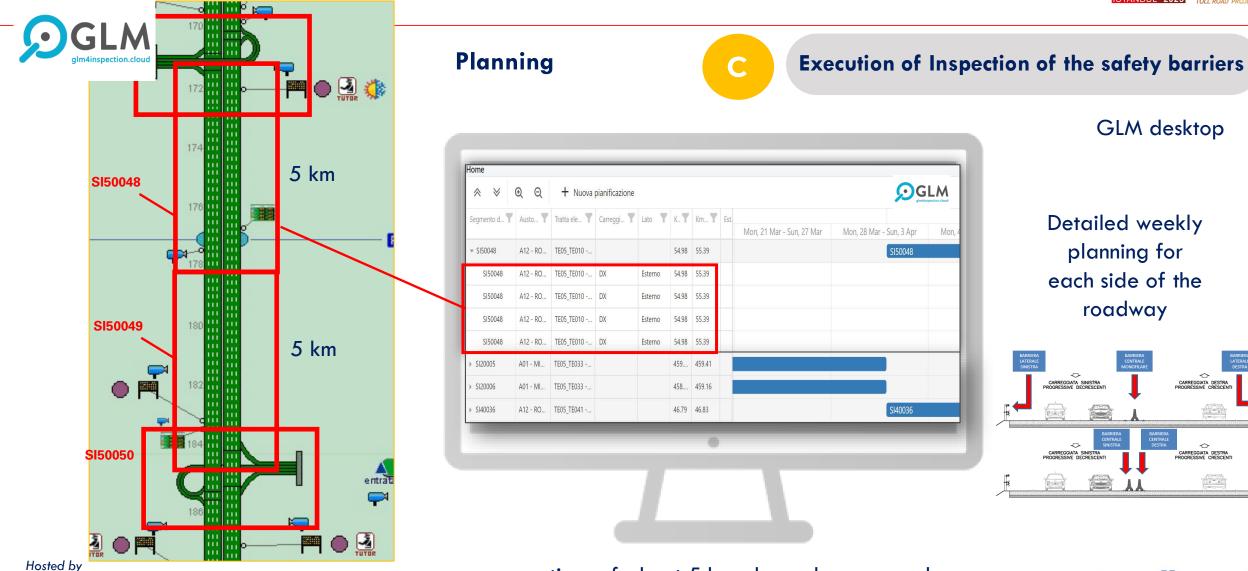
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ASECAP DAYS







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sections of about 5 km planned every week







Detailed inspection 1/2



Execution of Inspection of the safety barriers

GLM mobile

Geospatial location Automatic research of type of barrier using AGE mapping

Rugged Tablet Compiling of the defects form in any weather condition









Detailed inspection 2/2

Dispositivo Prove visive	Prove strumentali					
Categoria difetto Elementi del gruppo verticale	.]	Anomalia Elementi mar	acanti		Scatta o c	arica una foto del difetto
Codice difetto		Elementi mai	icanu		O Scatta	🛿 Carica 🌵 Registra
Distanziatore Mancante (corrente i	nf., lama, corrente s	up.)		-		a de la compañía de la
Intensità		Ubicazione			State Low	A
ALTA	*	U1		×		
Densità BASSA	~	sganciam del Tipo 6	tore corrente sup., elemer iento, irrigidimenti monta 5, 7 usualmente: sostegni, ento al mancorrente. Giud. difettosità final B2	nte. Per i dispositivi distanziatori di		
 BASSA - i > 100m - i = interasse tra sviluppo codice barriera < 100m> AITA - i ≤ 100m - i = interasse tra d codice barriera < 100m> estension 	 estensione ALTA ifetti-se sviluppo 					
] Transizione	Manuale				(Sparson)	1. 1 0
Risoluzione 48H Do	cumentazione					Annulla e torna in mappa

Execution of Inspection of the safety barriers

GLM mobile

Defects Catalogue inside to support inspector for defect's judgement

Documentation of each single barrier inside to support inspector for defect's judgement

Geolocated Foto for each defect to support work resolution









Reporting

Execution of Inspection of the safety barriers

GLM desktop

Geolocation of the single defect

od. Ispezione	Autostrada		Segmento	Carreggiata		Cod. Dispositivo	Cod. Catasto1	Cod. Cat. Sempl.	Progressiva Km	Lunghezza	Categoria dife
PS-DISP-23-0681	A01 - MILANO-NAPOLI	417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 134	1114	ELEMENTI DE
PS-DISP-23-0681	A01 - MILANO-NAPOLI	- 417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 136	1114	ELEMENTI LO
PS-DISP-23-0681	A01 - MILANO-NAPOLI	417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 163	1114	UNIONI BULL
PS-DISP-23-0681	A01 - MILANO-NAPOLI	- 417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 170	1114	ELEMENTI LO
PS-DISP-23-0681	A01 - MILANO-NAPOLI	417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 188	1114	ELEMENTI LO
PS-DISP-23-0681	A01 - MILANO-NAPOLI	417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 190	1114	UNIONI BULL
PS-DISP-23-0681	A01 - MILANO-NAPOLI	417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 213	1114	ALTRI ELEMEN
PS-DISP-23-0681	A01 - MILANO-NAPOLI	417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 218	1114	ELEMENTI LO
PS-DISP-23-0681	A01 - MILANO-NAPOLI	- 417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 238	1114	UNIONI BULL
PS-DISP-23-0681	A01 - MILANO-NAPOLI	417.6 - 633.3	SI50005	DX	Interno	25807	BROH4-1	3N	Km: 439 + 272	1114	ELEMENTI LO



Numerical reporting of the number of defects and of the progress of the inspection activity







rAPP

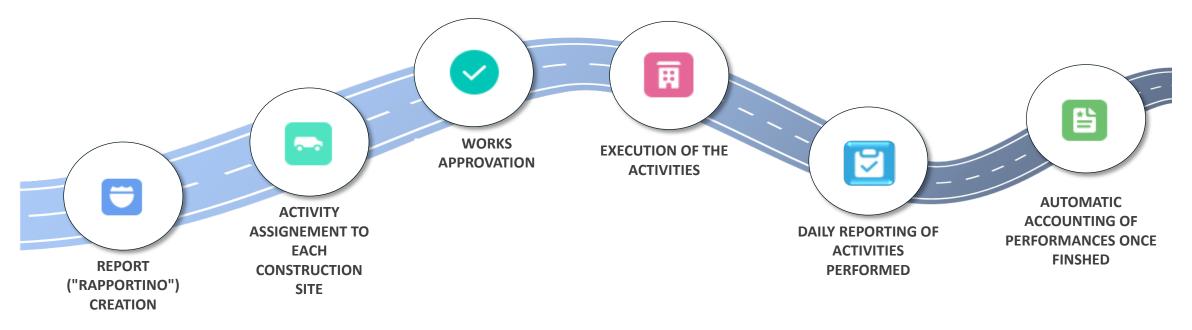
Resolution

rAPPortino is an app for **desktop** and **mobile devices** developed on **Salesforce** platform. The aim of its use is to **manage** the **ordinary and recurring Maintenance** held by external enterprises. The use of the app is inserted in the process of **Digital Transformation** in which Autostrade per l'Italia is involved in its own **Transformation Plan in 2021-2023.**

by APP and maintenance company

Work for the resolution of defects

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THANK YOU

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Business Unit Operations

