



Projects deployed on the ArcAtlantic program in Portugal

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Portuguese implementation bodies



APCAP members (private sector)



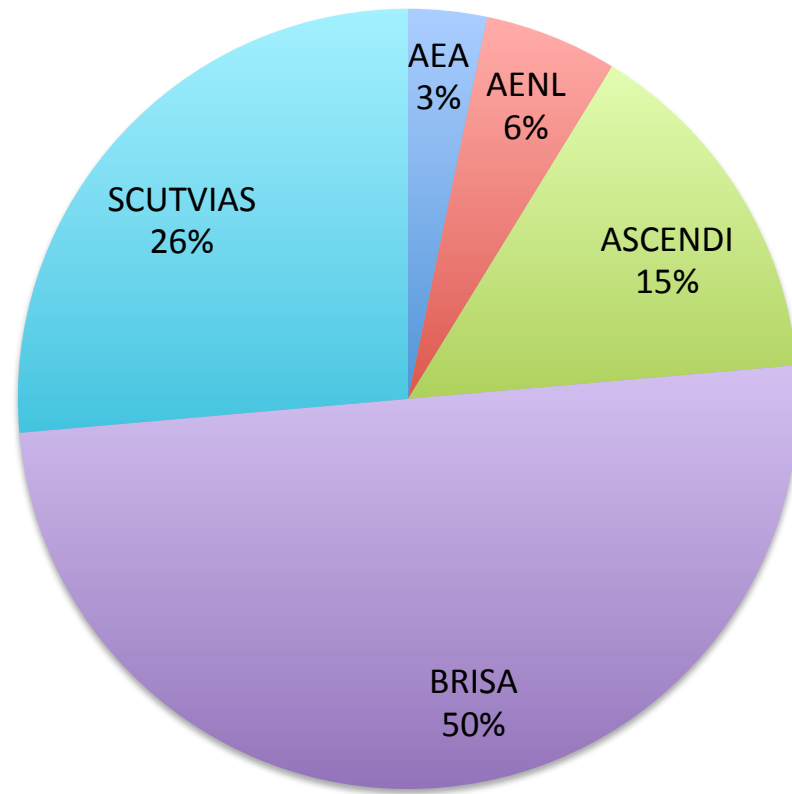
Public sector



Portuguese ArcAtlantic network



Implementation bodies participation level



■ AEA ■ AENL ■ ASCENDI ■ BRISA ■ SCUTVIAS

Portuguese ArcAtlantic projects list



Project Number	Responsible Country	Responsible Organisations	Project Name	Deployment Guidelines	Relevant 2012 DG(s)	PLANNED Final KPI (2015)
PT-01	Portugal	BRISA / AEA	Incident Management upgrade	TMS DG05_08 - Incident Warning and Management	<i>TMS - DG07/05/08</i>	272
PT-02	Portugal	BRISA / AEA / EP	Monitoring Enhancement on critical segments	TMS DG05_08 - Incident Warning and Management	<i>VMS DG01</i>	220
PT-03	Portugal	ASCENDI/ SCUTVIAS	Systems Enhancements	TMS DG05_08 - Incident Warning and Management	<i>TMS-DG05/08, TMS-DG07, TIS-DG03/05, TIS-DG06</i>	548
PT-04	Portugal	EP / AEA / AENL	Traffic Management central software for operation	DTX DG01 - Data Exchange Interfaces	<i>DTX-DG01 TMS-DG02/05</i>	326

Project implementations (short list)



#	Project Name	Responsible organisation	Specific to
1	Advanced traffic incident management system upgrade	BRISA	PT-01
2	Upgrade of emergency road communication system	BRISA	PT-02
3	Road monitoring and traffic control center upgrade	SCUTVIAS	PT-03
4	Traffic incident management and traffic control center upgrade	AEA	PT-03
5	Upgrade of traffic control and information centers (TCIC)	ASCENDI	PT-03
6	Traffic management system and infrastructure quality evaluation system	AENL	PT-04

1. Advanced traffic incident management system upgrade

Complete automated integration with tunnel and bridge infrastructures and telematics systems

Automatic incident detection implementation and integration

Automated integration with treatment plants for wastewater collection and environmental off spill

Total investment: 120 K€



2. Upgrade of emergency road communication system



Brisa

Migration from copper land line
to GSM supported infrastructure

Advanced communication
features towards prioritized calls
(next to 112)

Integrated voice and data events

Total investment: 2.3 M€
(1.9 M€ in the ArcAtlantic
program)



3. Road monitoring and traffic control center upgrade



SCUTVIAS

Autoestradas da Beira Interior, S.A.

Implementation of an advanced traffic management and information system

Complete automated integration with tunnel infrastructures and telematics systems

DATEX II protocol based data exchange for occurrences, traffic measures and quality of service

Total investment: 1 M€



Total Investment: 70 K€



ATLAS

Tráfego

Rel. Vistoria

Relatório de

09/05/2013 (v.0.010530574.2013-12-23 16:29)

Ator: vistoriador

Tipo: vistoriador

Trabalhos em plano

reparações dentro

pesquisa específica

pesquisa material

lista vistoriados avaliados

Password

Logout

Refresh

Ajuda

Tipo: Todos

Estado: Não fechado

Validade: Todos

Reg/Pág: 20

CO: Ativos

Grav.: Todos

Imp.:

11 LISTA DE INCIDENTES

Incidência	Sub Item	LAE	LPR/Elemento	Sentido	Ldata	LCO	Validade	Encerrar
15-1011760	3.02 Vistoria parada na bermã A15	35400	Oeste-Este	10:39	Tomada	Por Validar Operação	✖	
15-1011761	3.02 Vistoria parada na bermã AB	1800	Norte-Sul	10:24	Catética	Por Validar Operação	✖	
15-1011762	6.06 Varredura das vias A15	39400	Oeste-Este	09:46	Tomada	Por Validar Operação	✖	
15-1011763	3.02 Vistoria parada na bermã AB	29800	Norte-Sul	09:43	Catética	Por Validar Operação	✖	
15-1011767	3.07 Trabalhos na Via AB	44300	Sul-Norte	09:10	Catética	Por Validar Operação	✖	
15-1011766	3.10 Trabalhos na Bermã AB	17342	Sul-Norte	09:04	Catética	Por Validar Operação	✖	
15-1011765	6.08 Manutenção revestimento vegetal AB	67300	Norte-Sul	08:59	Tomada	Por Validar Operação	✖	
15-1011764	Trabalhos em Portagem AB	36403	Amboas	08:52	Catética	Por Validar Operação	✖	
15-1011762	6.05 Manutenção revestimento vegetal A15	0000	Oeste-Este	08:50	Tomada	Por Validar Operação	✖	
15-1011763	3.07 Trabalhos na Via AB	20800	Norte-Sul	08:50	Catética	Por Validar Operação	✖	
15-1011761	6.05 Manutenção revestimento vegetal AB	69200	Sul-Norte	08:44	Tomada	Por Validar Operação	✖	
15-1011760	3.02 Vistoria parada na bermã AB	12500	Sul-Norte	08:39	Catética	Por Validar Operação	✖	
15-1011776	3.01 Vistoria abandonada AB	113950	Norte-Sul	08:28	Tomada	Por Validar Operação	✖	
15-1011777	6.08 Manutenção revestimento vegetal A15	3000	Oeste-Este	08:07	Tomada	Por Validar Operação	✖	
15-1003003	3.07 Trabalhos na Via A15	6400	Este-Oeste	2013-03-16 14:42	Tomada	Por Validar Operação	✖	
15-1001262	3.07 Trabalhos na Via A15	6200	Este-Oeste	2013-02-02 19:02	Tomada	Por Validar Operação	✖	

5. Upgrade of traffic control and information centers (TCIC)



Upgrade of Hw central systems
(Cluster Servers, Storage, Backup
Robot and Communications)

Installation of a virtualized
infrastructure for Telematics
System

SQL Database migration

Videowall renewal

Full Integration with existing
traffic and management system

Total Investment: 300 K€



6. Traffic management system and infrastructure quality evaluation system

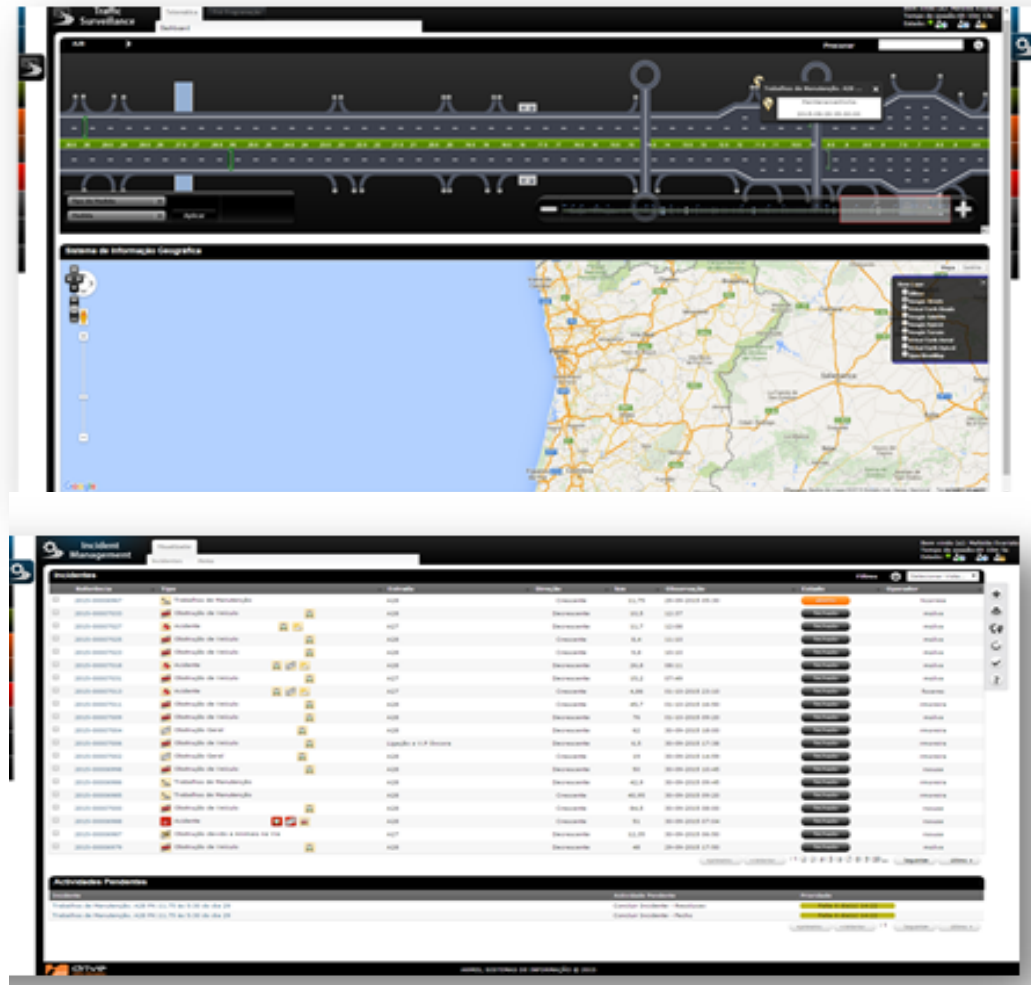


Implementation of Traffic Management System allowed single point of information, that collect all the data about real time events at the network

Advanced services for proactive traveller information services

Harmonization of VMS Messages and Signs

Total investment: 200 K€





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