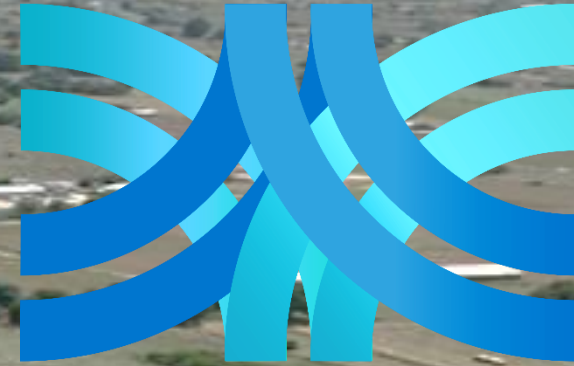


ASECAP DAYS



COSTA NAVARINO 2019

47TH ASECAP STUDY & INFORMATION DAYS

Road Safety initiatives at Aegean Motorway S.A.

*Costa Navarino, Messinia, Greece
29-31 May 2019*

www.asecapdays.com

Ioanna VASILIOU, AEGEAN MOTORWAY SA
(Greece)



Organized by





Aegean Motorway

- ❖ 230 km
- ❖ 4 twin tunnels – 23.4 km length
- ❖ 33 I/Cs
- ❖ 37 parking areas
- ❖ 5 twin MSS
- ❖ 17 Toll Plazas



Road Safety for Aegean Motorway





Road Safety Risk Management procedure



Identify major risks

Evaluate risks

Intervene / Modify / Improve



Segmentation

- 12 → 15 segments**, depending on:
- Geometry
 - Number of lanes
 - Tunnels
 - Type of road
 - Traffic volumes

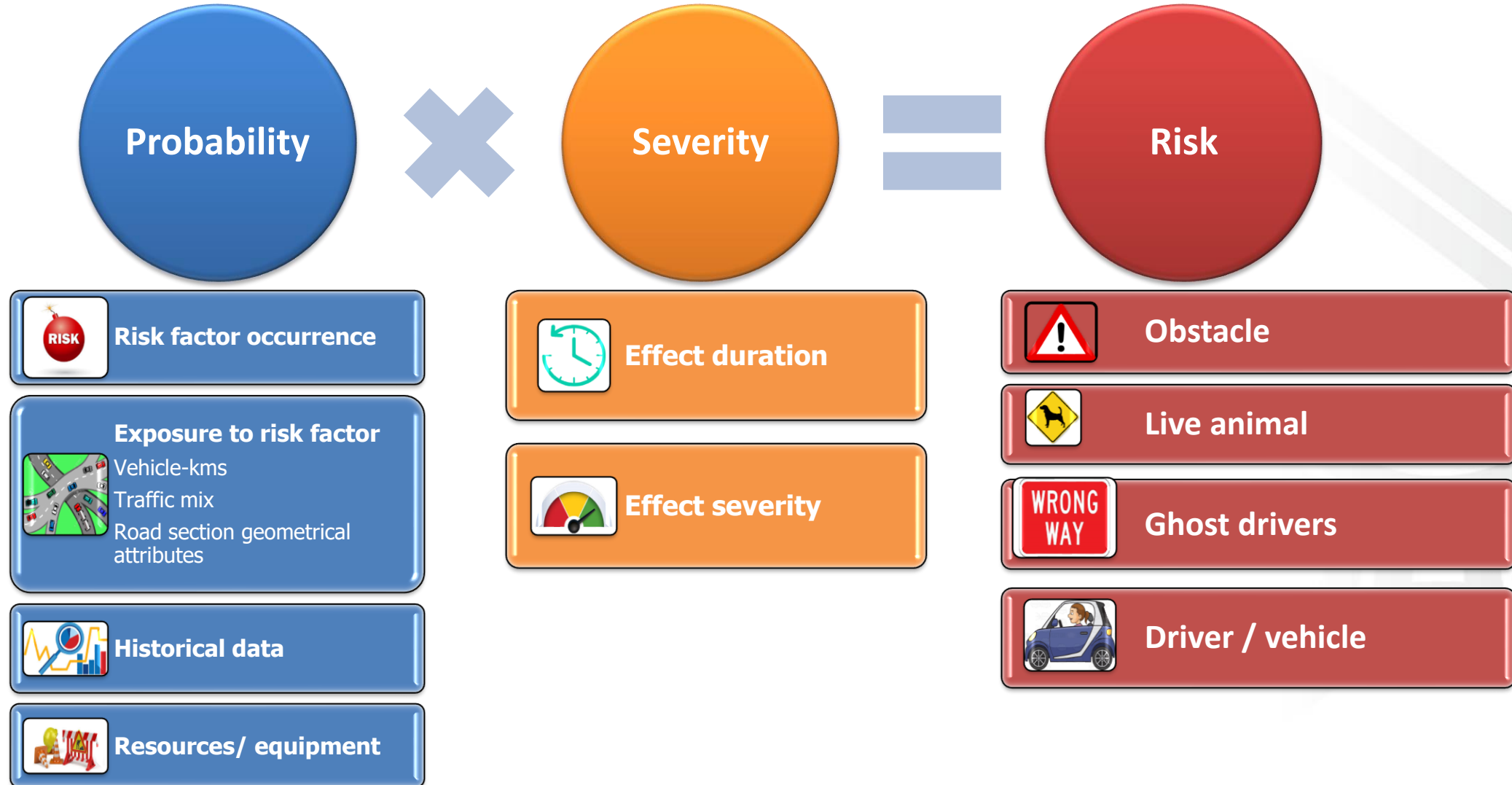
Time period

- **2012-2016**
(before the new sections)
- **2017**
- **2018**
- **Annual update**

Data reviewed

- **94k** incidents
- **5k** accidents
- **333** casualties

Road Safety Risk Management - Factors



Road Safety Interventions / Actions

Interventions

Evangelismos underpass (old national road)

10 accidents in 9 months

Signage enhancement speed enforcement

Zero accidents since the intervention

Nikea I/C:

33 accidents in 5 years at a specific ramp

Signage enhancement & greenery works

Zero accidents since the intervention

Safety Studies

Road Safety Audits for all existing and new parts of the Motorway

Road Safety Audits for specific black spots

Speed limits upgrade study

Awareness Actions

Road Safety training programs for local school students

Road Safety training programs for company's employees

Ongoing cooperative actions with Institute of Road Safety (IOAS)

Participation in EDWARD Project (European Day Without A Road Death)

Participation in European Night without Accidents

Pilot solutions for road safety enhancement - 2019



DOG REPELLENTS

- Ultrasound devices to keep stray animals away from the motorway selected entry/exit ramps
- Spread of dog repellent material at selected I/Cs



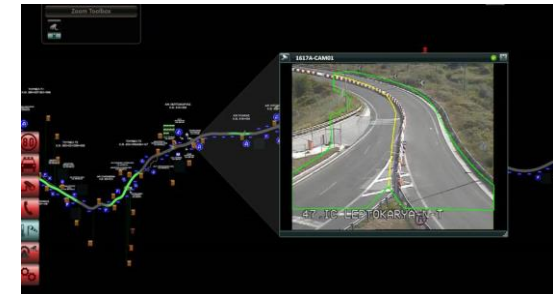
SPEED CAMERAS

- Mobile and fixed devices
- GPS and wireless 4G transmission
- Detection of vehicles in one single direction (front or rear)



GHOST DRIVERS

- Ghost Driver Video & Loop Detection
- System automated actions & alerts
- Static Vertical Signage
- Horizontal Signage in ramps (arrows)






**THANK
YOU**



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