Retrospective: “The Role of Motorways operators in Road Safety (2000-2010)

Tunnel Safety

Prague, 1 March 2010

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AGENDA

TUNNELS & ASECAP MEMBERS

SOME BEST PRACTICE ON TUNNELS FROM ASECAP MEMBERS (Infrastructure – Operation - Planning)

CURRENT ISSUES

TIMEFRAME

Today 1/3/2010

Most EU Countries

Italy and Austria

42% 58%

61% 39%
Building of 3 new pressurized safety shelter: final design

For compliance with the European Directive several tools were developed. For instance a tunnel accident database is in operation since January 2006.

Gran San Bernardo Tunnel

1 Ventilation Upgrade to a state of the art concept of operation
2 Designed and contracted a service and emergency tunnel
CURRENT SITUATION
Equipment operation scheme

CONSTRUCTION OF THE DAMPER

23 CROSS-CONNECTIONS
(one every 240 meters completed with filter rooms)