

## **eCall : priority action (d) of the ITS Directive**

eCall is an emergency communication system that ensures in the event of a serious road accident a voice call to 112 and the transmission the vehicle's location and other relevant data to the most appropriate public safety answering point.

A detailed legal framework was put in place at EU level:

### **For telecommunications (lead: DG CNECT)**

- Commission Recommendation on support for an EU-wide eCall service in electronic communication networks ((2011/750/EU)

### **For Public Safety Answering Points (lead: DG MOVE)**

- Commission Delegated Regulation (EU) No 305/2013 supplementing Directive 2010/40/EU setting the specifications for the emergency call centres (aka PSAPs – Public Safety Answering Points)
- Decision No 585/2014/EU on the deployment of the interoperable EU-wide eCall service providing for the deployment by October 2017 of the eCall infrastructure (PSAPs) required for the handling of all eCalls on the EU territory.

## **For the vehicle (M1, N1) requirements:**

- Regulation (EU) 2015/758 concerning type-approval requirements for the deployment of the eCall in-vehicle system based on the 112 service and amending Directive 2007/46/EC provided for the mandatory fitting of 112-based eCall in-vehicle system on all new types of M1 and N1 vehicles from 31 March 2018 onward.
- Commission Delegated Regulation (EU) 2017/79 and Commission Implementing Regulation (EU) 2017/78 laying down detailed technical requirements and test procedures for vehicle approval and administrative provisions for the implementation of Regulation (EU) 2015/758.

## Three issues are currently at stake::

1. Preparing new generation of eCall equipped vehicles: towards packet-switched communications (4G/5G...)
2. Handling of eCall legacy vehicles
3. Possible extension to additional categories of vehicles

## **Flagship 10 Enhancing transport safety and security**

### **Action 75.**

**Adapt the eCall legal framework to new telecommunication technologies; consider the extension of eCall to powered two wheelers, trucks, buses and agricultural tractors.**

## FLAGSHIP 10 - Evolution of eCall

*Note: eCall is an initiative shared with DG GROW and CNECT. MOVE is responsible for the infrastructure part (emergency call centres aka PSAPs) and GROW for the vehicle part (type-approval). DG CNECT is associated for the telecom aspects.*

- **1<sup>st</sup> step - Adaptation to 4G/5G**
  - *Revised specifications : April 2022*
  - *In parallel, discussions are on-going with stakeholders on the “legacy issue”, i.e. the vehicles equipped with 2G/3G eCall devices but not able anymore to call the 112 because there would not be any more 2G/3G coverage*
- **2<sup>nd</sup> step - Possible extension to additional categories of vehicles** (P2W, trucks, buses and coaches, agricultural tractors) -> possible proposal by end 2022 – detailed timetable not yet defined