



Status of the eCall initiative

IMCO Committee

Brussels, 24/01/12

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Director

European Commission. DG Information Society and Media

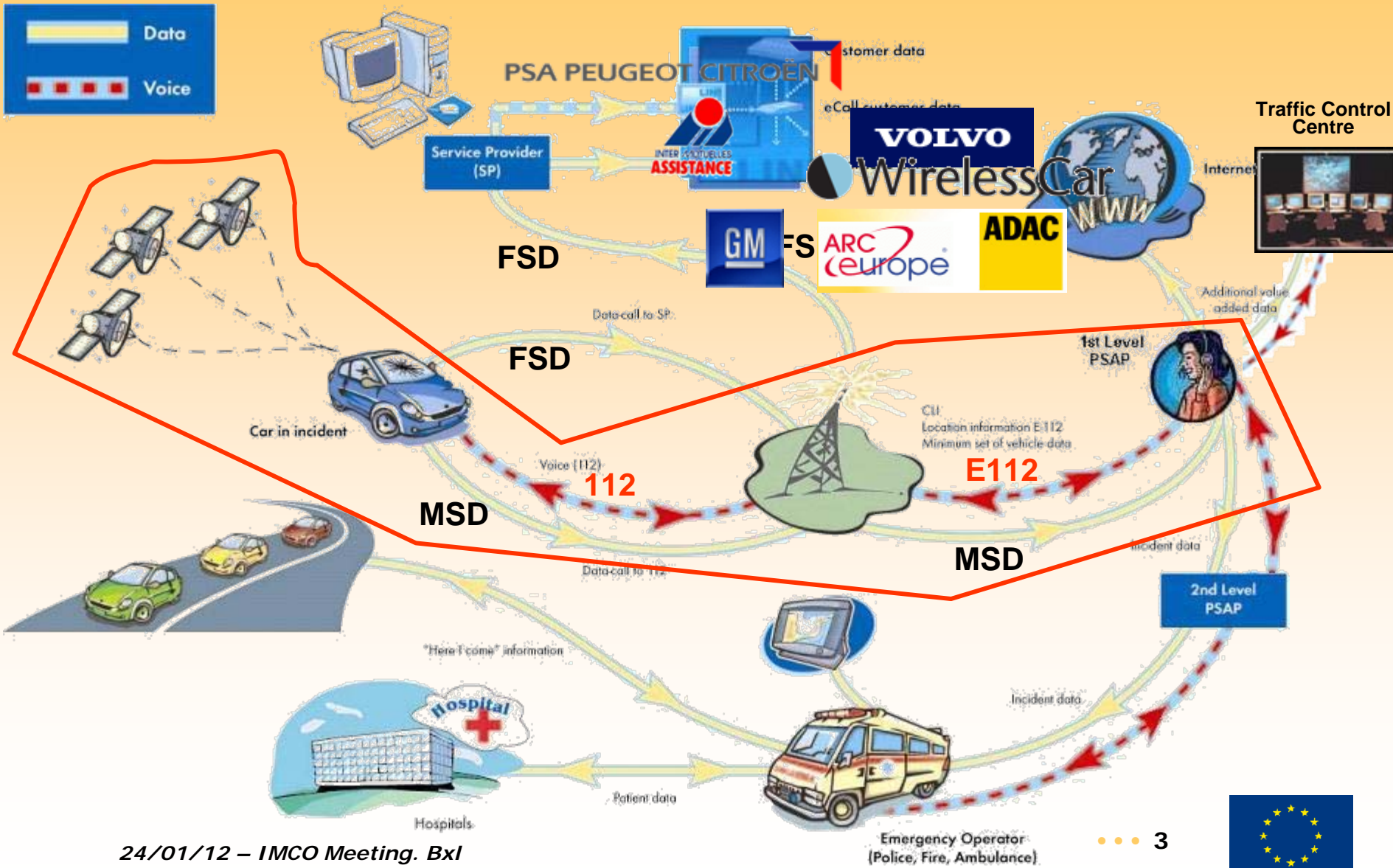




- Background
- Current status and next steps



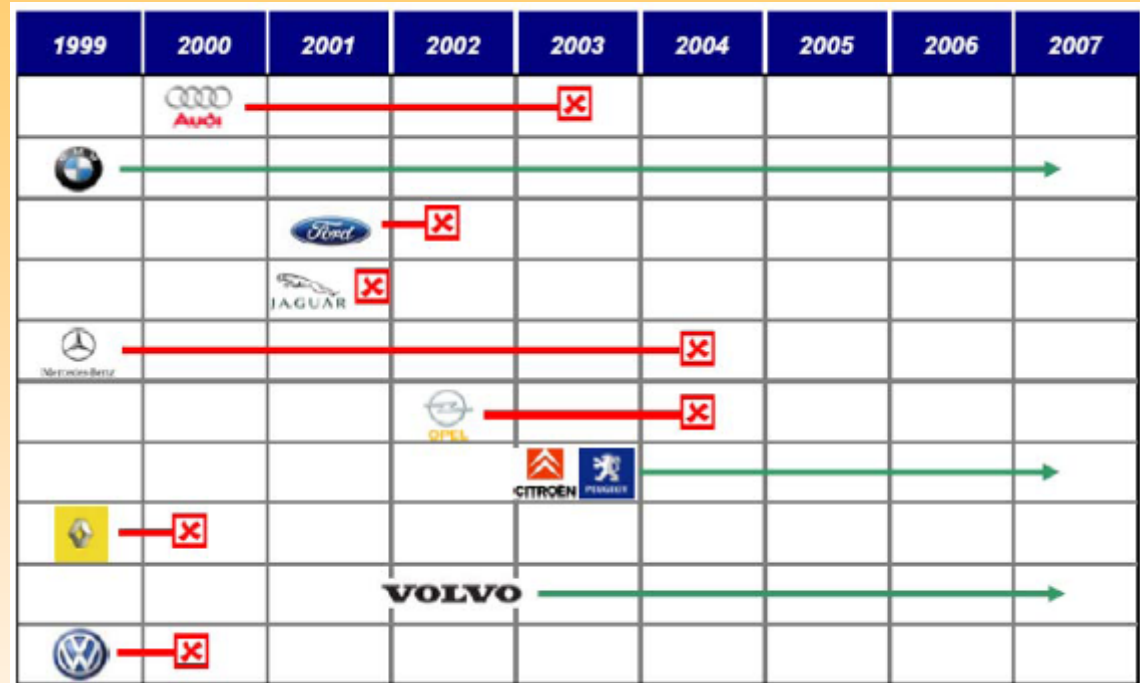
The pan-European eCall The Concept



Why a paneuropean eCall based on 112?

Private Solutions

- T-Mobile Traffic
- Ford
- GM Onstar
- BMW
- Volvo OnCall
- PSA
- Mondial - Allianz
- ...



Source: SDB

Low penetration (< 0.7% after more than 10 years), mainly in *high-end vehicles*, *not available in all EU countries*, some services *interrupted*

A pan-European solution requested by European PSAPs

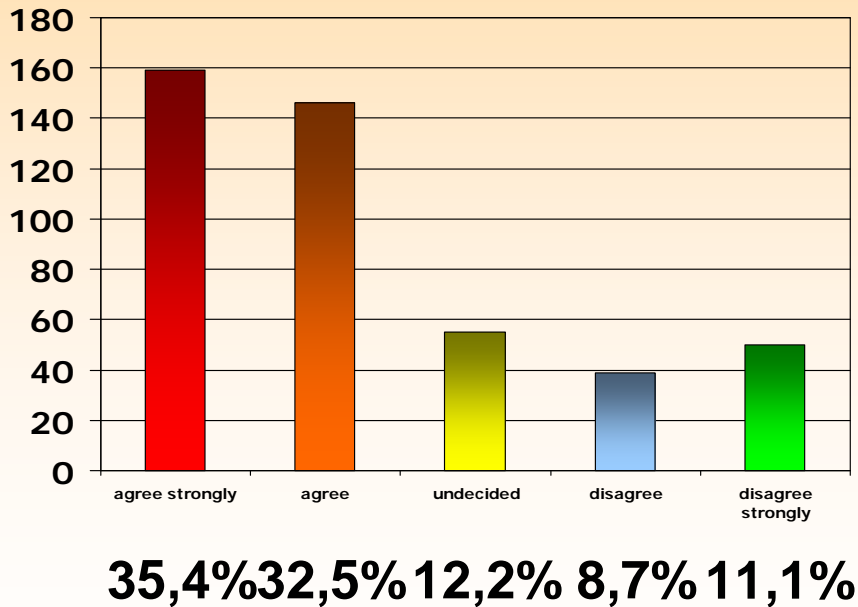
Priority Recommendation by High Level Experts Group "eSafety"



User acceptance

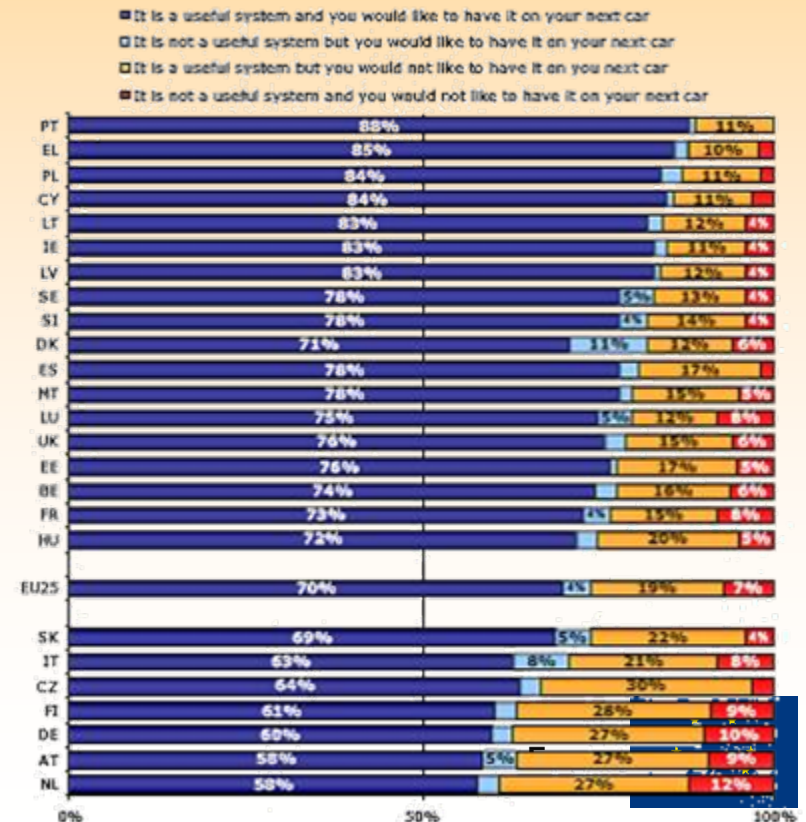
eCall Public Consultation (Jul-Sep 2010)

**eCall should not be optional,
but mandatory in all vehicles**



24/01/12 – IMCO Meeting. Bxl

- 2006 Eurobarometer study
- + 25,000 interviews
- Over 70% of the respondents in the EU - 25 want to have eCall in their next car.





Background: eCall Initiative

Research Actions



Experts Groups

*eCall DG, PSAPs, SPs
=> EeIP*

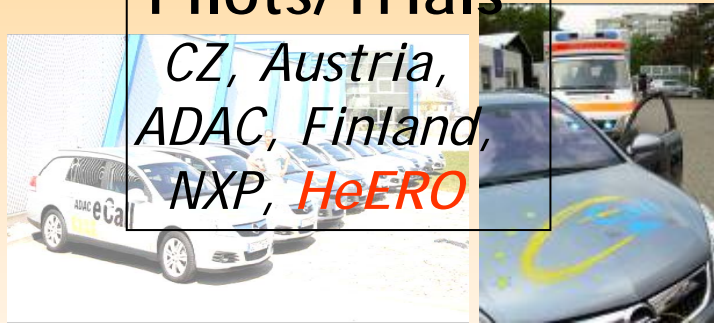


Standards



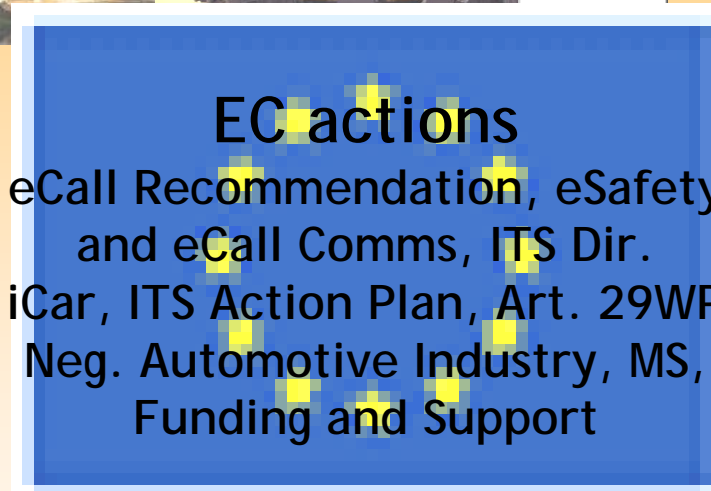
Pilots/Trials

*CZ, Austria,
ADAC, Finland,
NXP, HeERO*



EC actions

*eCall Recommendation, eSafety
and eCall Comms, ITS Dir.
iCar, ITS Action Plan, Art. 29WP
Neg. Automotive Industry, MS,
Funding and Support*



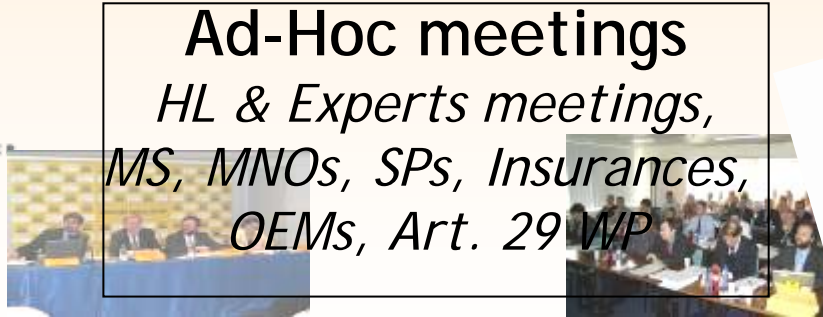
Studies

*Storm, Seiss
AINO, CODIA,
eImpact, eCall IA*



Ad-Hoc meetings

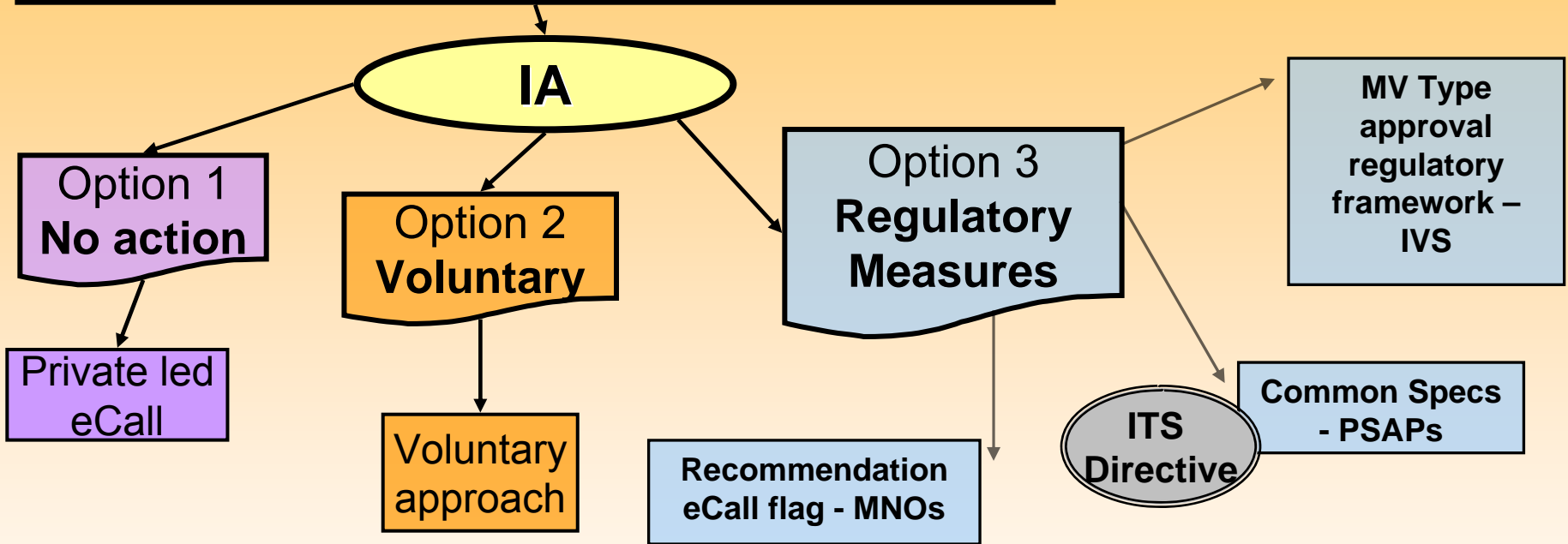
*HL & Experts meetings,
MS, MNOs, SPs, Insurances,
OEMs, Art. 29 WP*



Political Support EP support

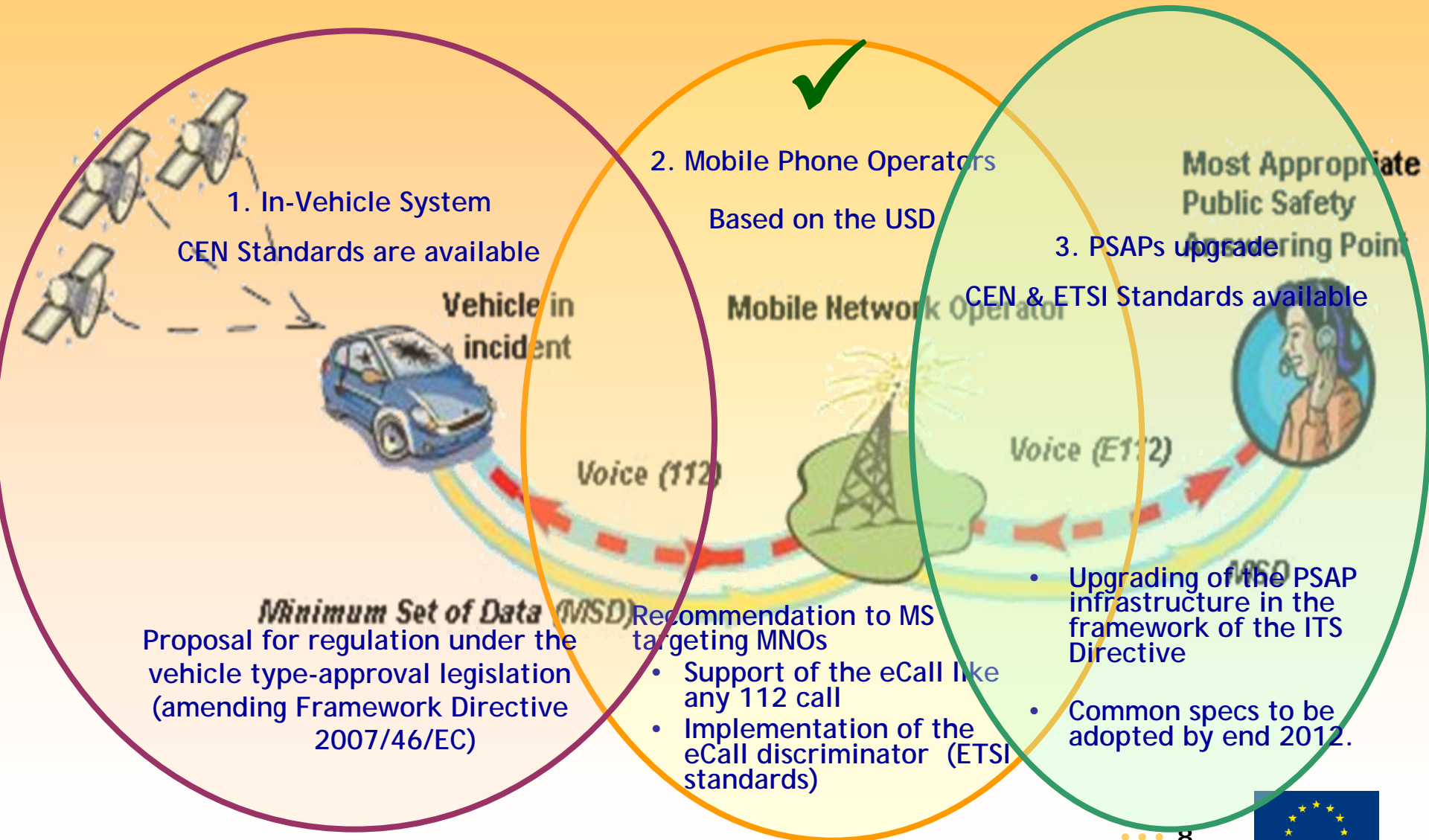


EC COM (2009) 434: “eCall: time for Deployment”



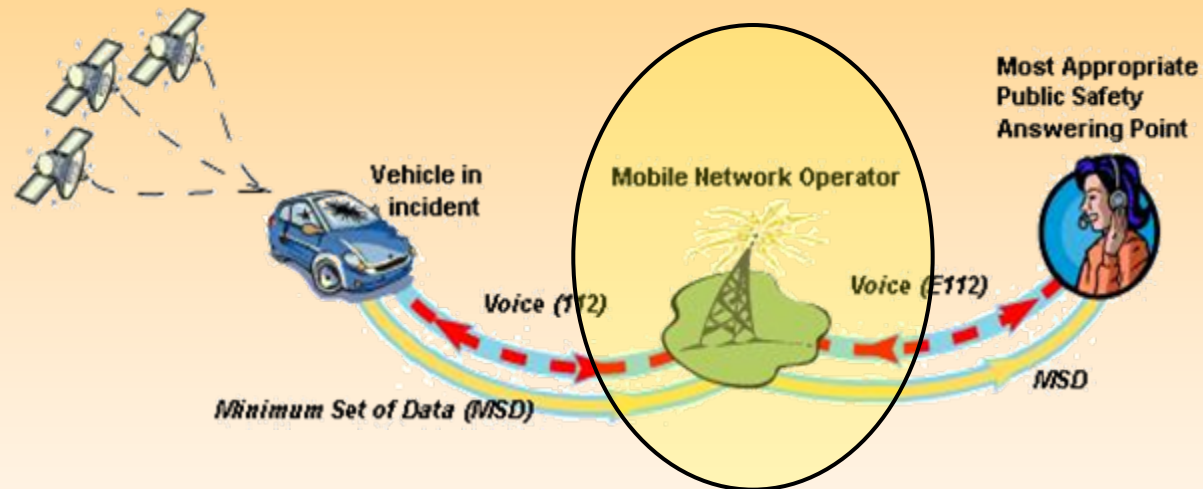
	<u>Policy Option 1</u> No EU action	<u>Policy Option 2</u> Voluntary approach	<u>Policy Option 3</u> Regulatory measures
BCR	0.29	0.68	1.74

Table 8: Comparison of accumulated BCR for the Three Policy Options



1.- EC Recommendation on *eCall* Addressees

C(2011) 6269
Adopted on
08/09/2011



Addressees:

- Member States
- Mobile Phone Network Operators



EC Recommendation on eCall Recommendations

A/ Member States

- Define Emergency Call infrastructure to receive the eCalls
- Meet MNOs to jointly agree on deployment roadmap
- Report to the EC on the implementation status by 31 March 2012

B/ Mobile network operators

- Handle eCalls like any other 112 call
 - Free of charge
 - Priority in the networks
 - “national roaming” if applicable
- Meet MS to jointly agree on deployment roadmap
- Implement eCall flag in their networks before end 2014





2. In-vehicle system



- eCall in the WP 2011 of MVWG
- 1Q 2011: Start of drafting
- 3Q 2011: Consultation with experts and stakeholders
- ~~• 1Q 2012: Adoption of Proposal by EC~~
- 2Q 2012: Ordinary Procedure (EP and Council)
- 3Q 2013: Adoption & Publication
- 4Q 2013: Drafting detailed rules and technical requirements
- 4Q 2014: Adoption of the Delegated Act
- Mandatory in 2015 New Type Approved models



3. PSAPs: Common specs within ITS Directive Planning according to Work Programme C(2011)289

(d) interoperable EU-wide eCall	1 Q 11	2 Q 11	3 Q 11	4 Q 11	1 Q 12	2 Q 12	3 Q 12	4 Q 12	1 Q 13
Finalisation of the Impact Assessment									
Drafting specifications, including: - consultation with Experts (including appropriate consultation with MS experts)									
2nd iteration of drafting; including: - opinion of the ITS Advisory Group - appropriate consultation with MS experts									
Final draft and Inter-service consultation									
Adoption									

1st meeting with MS experts on 13/10

Most Appropriate
Public Safety
Answering Point



(E112)





Harmonised interoperable EU-wide eCall Standards: status

To be balloted

w.i. 278316
eCall end to end conformance testing

EN 16072 ✓
Pan-European eCall Operating Requirements

High Level Application Protocols ✓
EN 16062



Car in incident

ETSI TS 122 101 ✓
-Voice + MSD on 112
Voice (112)

EN 15722 ✓
MSD

ETSI TS 124 008
Table 10.5.135d ✓
eCall Flag

In-band modem trx



1st Level PSAP

ETSI TS 126 267
"eCall Data Transfer - General Description"

ETSI TS 126 268
"eCall Data Transfer. ANSI-C Reference Code"

ETSI TS 126 269
"eCall Data Transfer. Conformance testing"

ETSI TS & TR 126 969
"eCall Data Transfer. Characterisation Report"

eCall NAD conformance specs:
ETSI TS 102 936-1 ✓
Protocol test specification
ETSI TS 102 936-2 ✓
Test Suites

ETSI-MSG & 3GPP. Chair: E. Barck

CEN TC 278 WG 15. Chair Bob Williams

Data registry procedures
- ISO/EN 24978:2009 ✓

The European eCall Implementation Platform



- Coordination body bringing together relevant stakeholders representatives
- National Platforms + Representatives of Stakeholders Associations

**Co-chair:
MS – DE**

Chair: EC



- Ensure harmonised deployment in Europe => guidelines and recommendations, exchange best practices

- Next meeting: March – Apr. '12



Thank you !

<http://www.europa.eu/ecall>

www.iCarSupport.org/ecall





Supporting slides



History of the eCall initiative

