



iMobility Forum WG

Automation in Road Transport

Joakim Svensson & Bastiaan Krosse

Meeting Lausanne, 2014-12-02



17 Sep: Next steps and events

- Finalization of recommendations for automation as input to EC, R&I WG and ERTRAC WG Automation;
 - Draft is now out for final input with deadline end of this week;
- Joint meeting VRA and AWG at CityMobil2 workshop 2nd of December
 - Focus: Tri-Lateral report
 - Review ERTRAC document
 - Combine EU projects with subgroups/key functions



Main Objectives

- Discuss harmonization and complementarity of inputs from sub-working groups and contribution from European Projects
- Report and discussion on latest meeting of the trilateral WG in Tokyo – present the master document
- Present the current work on regulatory issues and discuss next steps
- Expectation and plan of the activities in 2015



Agenda

08:30 – 09:00	Registration	
09:00 – 09:15	Introduction: objectives of the meeting	<i>Bastiaan Krosse(TNO) Joakim Svensson (VOLVO)</i>
09:15 – 09:30	Overview on the current status of the activities	<i>Joakim Svensson (VOLVO)</i>
09:30 – 09:50	International Collaboration (report on the WS in Tokyo and 3AWG)	<i>Joakim Svensson (VOLVO)</i>
09:50 – 10:20	Status of the activities per sub-WG	<i>Sub-working group Leaders</i>
10:20 – 10:45	H2020 WP216-2017 scoping and role of the WG in the recommendations input process	<i>Maxime Flament (ERTICO)</i>
10:45 – 11:00	Coffee Break	
11:00 – 12:00	Contribution from EU Project to the sub-working group & Collaboration opportunities between EU projects	<i>Discussion moderated by Bastiaan Krosse(TNO)</i>
12:00 – 12:30	Harmonization of sub-working group input	<i>Joakim Svensson (VOLVO)</i>
12:30 – 13:30	Lunch	
13:30 - 14:30	European activities on regulatory aspects: presentation of the VRA activities on regulatory needs (D3.2.1)	<i>Presentation and discussion moderated by Maxime Flament (ERTICO)</i>
14:30 – 15:00	Review of 2014 achievements Expectation and Objectives of the Automation WG for 2015	<i>Bastiaan Krosse (TNO)</i>
15:00 – 15:30	Plan of 2015 European and international meetings (e.g. ITS World Congress in Bordeaux)	<i>Joakim Svensson (VOLVO)</i>
15:30 – 16:00	Conclusions	

Updated Agenda

- 09:00 -10:00
 - Introduction: objectives of the meeting
 - Overview on the current status of the activities
- 10:00:– 10:20: H2020 WP216-2017 scoping and role of the WG in the recommendations input process
- 10:20-10:45 Status of the activities per sub-WG Sub-working group Leaders
- 10:45 – 11:00 Coffee Break
- 11:00-12:30:
 - Review of 2014 achievements
 - Expectation and Objectives of the Automation WG for 2015
 - Contribution from EU Project to the sub-working group & Collaboration opportunities between EU projects
- 12:30 – 13:30 Lunch
- 13:30 - 14:30 European activities on regulatory aspects: presentation of the VRA activities on regulatory needs
- 14:30-16:00:
 - Review targets and actions 2015
 - Meeting plan 2015
 - Plan of 2015 European and international meetings (e.g. ITS World Congress in Bordeaux)

Overview on the current status of the activities

- Bastiaan Krosse : new co-chair
- Recommendation to H2020
- ERTRAC Roadmap
- 3AWG



Review of complementary activities

● ERTRAC Automation Task Force,

- Brussel, 8 jun

 - > ERTRAC roadmap but no duplication of work

- Vienna, 12 Sept

 - >Draft structure, to write: Clepa, EPoSS, EUCAR & iMobility

- Brussels, 8 oct

- Draft version 1.0, see separate document

- Brussels 11 Dec: Roadmap process

- Final Document 2015 (feb/mars)



International Collaboration

- Bibendum Challenge: agreement on different paths
- SIP Tokyo
- 3AWG
 - USA roadmap, see separate document
 - Master document, see separate document
 - Digital infrastructure
 - Benefits and impact next step.



2014 Main achievements

- Sub-group areas: research needs
- H2020 recommendations
- Digital infrastructure in 3AWG



What do we want to achieve in 2015...

● Next level of sub-working group input.

- ->'White paper'
- US-JP-EU Collaboration: 'Master document'

● Sub-working group content

- Figures, numbers, references... to strengthen the message.
- Connect to results from different ongoing EU projects (concrete links to deliverables)



How do we want to achieve this in 2015...

● Active involvement within sub-working groups

- Clear goals (what to achieve, what data to collect, what questions to be answered)

- Clear view on end result:

- Report (for VRA)
- 3AWG master document
- White paper (structure)

- Periodic teleconferences with sub-working group members

● Other...



Area	Target 2015	Action
Digital Infrastructure	<ul style="list-style-type: none"> • Get input from ongoing EU projects. • 3AWG Collaboration • ISO 	
Roadworthiness	<ul style="list-style-type: none"> • Input from relevant EU stakeholders (OEM , testing bodies, vehicle admission bodies) 	1 day workshop with: TUC, UTAC, DECRA, DLR,..
Human Factors	<ul style="list-style-type: none"> • Consolidate result from EU projects • Anchor result outside group 	<ul style="list-style-type: none"> • Adaptive SP3, HFAuto, Autonet 2030, • Particpate in Clepa, ERAPA, EURONCAP, ISO, traffic operators meetings?
Connectivity	<ul style="list-style-type: none"> • Consolidate result from EU projects • Consolidate with OEM, suppliers and ETSI 	<ul style="list-style-type: none"> • Input/workshop: EU (Adaptive, iGAME, Autonet2030) • Meeting with ETSI,
Evaluation/Benefits/Impact	<ul style="list-style-type: none"> • Consolidate results from project/US • 3AWG Collaboration 	<ul style="list-style-type: none"> • Call 3.6 on methodology
Legal	<ul style="list-style-type: none"> • List current regulatory concerns 	<ul style="list-style-type: none"> • Workshop (iMobility Legal, EUCAR, CLEPA, ACEA..):
Deployment Paths	<ul style="list-style-type: none"> • Figures to show uptake speed. • Intersection/infrastructure 	<ul style="list-style-type: none"> • Review of existing reports+implementatio

AWG Meeting/plan 2015

- January: Phone meeting with sub-groupleaders
 - Structure of 'white paper document'
 - Target and actions of each sub-group
- February: sub-working groups input from EU projects/Stakeholders.(alt. Workshop brussels)
- Mars/April Physical meeting (Brussels):
 - Current input in in 3AWG master document
 - Finalise whitepaper document structure and review of action plan+ feedback from conserved stakeholders
 - VRA2 content
 - Plan additional meetings
- May: Phone meeting, follow actions.
- September:
 - Report (VRA) from each working group
 - Physical meeting: Report and whitepaper, ITS Bordeaux
- October: Dissemination of results at ITS Bordeaux
- December (physical meeting)
 - Final 'whitepaper'
 - Plan 2016

Events 2015

- January: TRB + Trilateral meeting, Washington
 - First input on master document
- March (30&31): CityMobil2 demonstration, la Rochelle+ Trilateral meeting
 - ITS Bordeaux, ..
- April (14&15): US-EU meeting in Washington
- July: TRB workshop + Trilateral , Ann Arbour
- October: ITS World Congress in Bordeaux: 1 day workshop 3AWG
 - January: 4 special sessions:

● SIP Tokyo+trilateral



ITS World Congress in Bordeaux 3AWG

● Session 1: 90 Min

- Status and plan of activities in each region (US 2015-2019 plan, JP SIP, EU H2020)
- EU-US symposium outcome (DG RTD, US DOT)
- Summary of 3AWG and results

● Session 2: 90 Min

- Digital infrastructure, short presentation: 10 min
- Connectivity/Security , short presentation: 10 min
- Panel discussion, 60 min

● Session 3: 90 min

- Evaluation & benefits , short presentation: 10 min
- Human factors , short presentation: 10 min
- 'Roadworthiness' testing and certification , short presentation: 10 min
- Panel discussions

● Session 4: Deployment initiatives: UK, Sweden, US Truck platooning, SIP OEM (Toyota)



ITS World Congress in Bordeaux: Other Session

- ITFVHA, Sunday :
 - Ask RB
- Session Digital infrastructure
 - Here, Continental
- Adaptive
- iGame/Autonet 2030
- Human factors :HF Auto /ADAPTIVE
- Regulatory issues: Response 4/CA DMV/IIHS/CityMobile 2
- Companigon/Peleton/US platooning (2 projects)



Deployment paths status

ERTRAC/EUCAR

3AWG

Next steps

Figures to show uptake speed.

Specific meeting, Polis, FEHL etc

Intersection...

