



Feasibility analysis and development of on-road charging solutions  
for future electric vehicles

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## FABRIC Final Event and Demonstration

### *“Wireless dynamic charging for Electric Vehicles”*

June 21-22, 2018 || Turin-Susa, Italy

Organised by: **FABRIC**



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Supported by:



**Project coordinator:**

Dr. Angelos Amditis, ICCS



## CONFERENCE PROGRAMME

| Thursday, 21 June 2018 |   |
|------------------------|---|
| Start-end time         | Main topic  |
| 9:30-10:00             | Registrations/Welcome coffee  |
| 10:00-10:35            | <ul style="list-style-type: none"> <li>Welcome Address <ul style="list-style-type: none"> <li>Local organising committee (5-10 min)</li> <li>Angelos Amditis, FABRIC Project Coordinator, Research Director, ICCS, Greece (10' min)</li> </ul> </li> <li>Opening speech <ul style="list-style-type: none"> <li>Luis de Prada, Research Programme Manager, European Council for Automotive R&amp;D – EUCAR, Belgium (15' min)</li> </ul> </li> </ul>   |
| 10:35-12:15            | Session I: <b>“FABRIC PROJECT DEVELOPMENTS”</b> <ul style="list-style-type: none"> <li>Moderator: <b>Angelos Amditis</b>, FABRIC Project Coordinator, Research Director, ICCS, Greece</li> </ul>  |
| 10:35-10:50            | <b>“Charging Solutions and Prototypes”</b><br><b>Peter Vermaat</b> , Principal Consultant, TRL, UK  |
| 10:50-11:00            | <b>“ICT needs and developments in FABRIC for on-road charging”</b><br><b>Andrew Winder</b> , Project Manager, Clean Mobility, ERTICO – ITS Europe, Belgium  |
| 11:00-11:45            | <b>“FABRIC demonstration results”</b> <ul style="list-style-type: none"> <li><b>“An in road embedded Dynamic Wireless Power Transfer Solution”</b>, <b>Paolo Guglielmi</b>, Associate Professor, Politecnico di Torino, Italy (15' min)</li> <li><b>“Versailles-Satory test site integration of a DWPT solution and achievements”</b>, <b>Stéphane Laporte</b>, Project Manager, VEDECOM, France (15' min)</li> <li><b>“The Slide-in project, On-road charging technology as FABRIC benchmark”</b>, <b>Roy Johansson</b>, Senior Research Engineer, Volvo Group Trucks Technology, Electrical &amp; Electronics Advanced Engineering – Hardware Technologies, Sweden (15' min)</li> </ul> |
| 11:45-12:00            | <b>“Charging electric vehicles: the research and deployment challenge of the future”</b><br><b>Maurizio Maggiore</b> , Project Officer, European Commission, DG Research & Innovation, H2, Belgium  |
| 12:00-12:15            | Q&A Session   |
| 12:15-12:45            | Press conference  |
| 12:15-13:15            | Lunch break –Exhibition walk  |
| 13:15-14:30            | Session II: <b>“FABRIC FEASIBILITY ANALYSES RESULTS OF DYNAMIC ON-ROAD CHARGING SOLUTIONS”</b> <ul style="list-style-type: none"> <li>Moderator: <b>Sebastiaan Meijer</b>, Professor, KTH Royal Institute of Technology, Sweden</li> </ul>  |
| 13:15-13:20            | <b>“Overview of assessment rationale for e-Road deployment”</b><br><b>Sebastiaan Meijer</b> , Professor, KTH Royal Institute of Technology, Sweden  |
| 13:20-13:35            | <b>“Civil engineering aspects of e-Roads”</b><br><b>Feng Chen</b> , Postdoctoral researcher, KTH Royal Institute of Technology, Sweden  |
| 13:35-13:50            | <b>“E-road consequences for power grids, vehicle fleets and other technical systems”</b><br><b>Hans Bludszuweit</b> , Technology Expert, Research Centre for Energy Resources and Consumption – CIRCE, Spain  |



|             |   |
|-------------|---|
| 13:50-14:05 | “E-road take-up: Business model approach and other expected impacts”<br><b>Juan de Blas</b> , Partner Director, Qi Energy Assessment (Qi Europe), Spain   |
| 14:05-14:20 | “Discussion of assessment conclusions: where to go next?”<br><b>Sebastian Meijer</b> , Professor, KTH Royal Institute of Technology, Sweden   |
| 14:20-14:30 | Q&A Session   |
| 14:30-15:00 | <b>Coffee break –Exhibition walk</b>  |
| 15:00-17:00 | Round Table discussion: <b>IS ON-ROAD CHARGING A TECHNICALLY VIABLE ALTERNATIVE, FOR A MORE SUSTAINABLE TRANSPORT SYSTEM?”</b><br><ul style="list-style-type: none"> <li>Moderator: <b>Angelos Amditis</b>, Research Director, Institute of Communication &amp; Computer Systems (ICCS), Greece</li> </ul>  |
|             | <ol style="list-style-type: none"> <li><b>Grzegorz Ombach</b>, Vice President Qualcomm Halo &amp; GM Qualcomm Halo China</li> <li><b>Jean-Charles Pandazis</b>, Head of Clean and Urban Mobility, ERTICO-ITS Europe, Belgium</li> <li><b>Roy Johansson</b>, Senior Research Engineer, Volvo Group Trucks Technology, Electrical &amp; Electronics Advanced Engineering – Hardware Technologies, Sweden</li> <li><b>Jae Seung Lee</b>, Sr. Manager, Research Strategy Office, Toyota Research Institute of North America, Toyota Motor North America (TMNA), USA</li> <li><b>Patrick Akerman</b>, Head of eHighway Business Development, SIEMENS AG, Germany</li> <li><b>Gilles le Calvez</b>, Vehicle Program Director, VEDECOM, France</li> <li><b>Rainer Lehmann</b>, Head of Section V5 – Traffic Management, Road Maintenance, Federal Highway Research Institute-Bundesanstalt fuer Strassenwesen (BAST), Germany</li> </ol> |
| 17:00-17:10 | <b>Wrap-up / conclusions</b>  |
| 17:10       | <b>CLOSING / Reception</b>  |

## 2<sup>nd</sup> DAY TIMEPLAN FOR DEMONSTRATIONS

| Friday, 22 June 2018 |  |
|----------------------|--|
| Start–end time       | Main topic   |
| 8:30-9:30            | Transfer from Turin to Susa  |
| 9:30                 | Arrival at the Test Site   |
| 9:30 -10:00          | Welcome Coffee-Registration  |
| 10:00-11:30          | Exhibition walk –Demonstration Introduction                        |
| 11:30 -12:30         | Test Site Tour and Live Demonstrations                             |
| 12:30-13:30          | Lunch break and exhibition walk                                    |
| 13:30                | End of Final Event   |
| 14:00                | **Shuttles departs from the test site for Turin or for the airport |