



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

www.fabric-project.eu

One-day Conference on “Wireless dynamic charging for FEVs: Challenges & Concepts”

February 2, 2016 || Brussels, Belgium

Organised by: 



FABRIC project has received funding from the EU's 7th Framework Programme for research, technological development and demonstration under grant agreement no 605405

Supported by:



Project coordinator:

Dr. Angelos Amditis, ICCS



PROGRAMME

Tuesday, 2 February 2016	
Start-end time	Main topic
9:00-9:30	Registrations/Welcome
09:30-10:00	<ul style="list-style-type: none"> Welcome Address <ul style="list-style-type: none"> Hermann Meyer, Chief Executive Officer, ERTICO-ITS Europe, Belgium Angelos Amditis, FABRIC Project Coordinator, Research Director, ICCS, Greece Opening speeches <ul style="list-style-type: none"> Maurizio Maggiore, Project Officer, European Commission, DG Research & Innovation, H2, Belgium Alessandro Coda, Research Coordinator, European Council for Automotive R&D (EUCAR), Belgium
10:00-11:15	Technical session: “FABRIC INITIAL RESULTS” <ul style="list-style-type: none"> Moderator: Dennis Naberezhnykh, Head of ITS and Ultra Low Emission Vehicle Technology, Sustainable Mobility Group, TRL, UK
10:00-10:10	“FABRIC overview” Angelos Amditis , FABRIC Project Coordinator, Research Director, ICCS, Greece
10:10-10:20	“FABRIC charging solutions and prototypes” Peter Vermaat , ICT consultant, TRL, UK
10:20-10:35	“Infrastructure of the FABRIC test sites” Paolo Guglielmi , Associate Professor, Politecnico di Torino, Italy Stéphane Laporte , Project Manager, VeDeCom, France
10:35-10:45	“Identifying first deployment feasibility: separating unrealistic from real options” Sebastiaan Meijer , Professor, Head of GaPSlabs, KTH Royal Institute of Technology, Sweden
10:45-10:55	“ICT Needs and Solutions” Andrew Winder , Manager, Efficiency & ElectroMobility, ERTICO –ITS Europe, Belgium
10:55-11:15	Q&A Session (20’ min)
11:15-11:45	Coffee break
11:45-12:45	Technical session: “POLICIES & STANDARDISATION IN WIRELESS POWER TRANSFER: DRIVERS & BARRIERS TOWARDS WIDE IMPLEMENTATION” <ul style="list-style-type: none"> Moderator: Sebastiaan Meijer, Professor, Head of GaPSlabs, KTH Royal Institute of Technology, Sweden
11:45-11:55	“eMI³ platform for interoperability in ElectroMobility” Jean-Charles Pandazis , Head of Department, Efficiency & ElectroMobility, ERTICO-ITS Europe, Belgium
11:55-12:05	“Current status and outlook of stationary and dynamic wireless electric vehicle charging” Nicholas Keeling , Senior Staff Engineering, Qualcomm, Germany
12:05-12:15	“Standardisation in electromobility: future plans of international standardisation bodies for WPT”

	Gian Maurizio Rodella , Director, Commissione Tecnica di Unificazione nell' Autoveicolo-CUNA, Italy
12:15-12:25	“IEC International Standardization Work on WPT for Electric Vehicles” Peter Van den Bossche , Lecturer, Vrije Universiteit Brussel, Belgium/ Secretary of IEC TC69
12:25-12:45	Q&A Session (20' min)
12:45-13:45	Lunch break
13:45-14:45	Round Table discussion: “ WIRELESS CHARGING: IS IT THE SOLUTION FOR THE RANGE ANXIETY PROBLEMS? ” <ul style="list-style-type: none"> Moderator: Angelos Amditis, Research Director, Institute of Communication & Computer Systems (ICCS), Greece Patrick Duprat, APS Solution Manager, ALSTOM, France Håkan Sundelin, Senior Researcher, Viktoria Swedish ICT, Sweden Nicolai Woyczehowski, Senior Manager Business Development, Hubject GmbH, Germany Daniel Roiu, Electrical Energy & Electrification Unit Manager, Centro Ricerche Fiat, Italy Uooyeol Yoon, Research Professor, KAIST Wireless Power Transfer Research Center, Korea
14:45-15:15	Coffee break
15:15-16:45	Technical session: “ R&D INITIATIVES TOWARDS ELECTROMOBILITY DEPLOYMENT ” <ul style="list-style-type: none"> Moderator: Andrew Winder, Manager, Efficiency & ElectroMobility, ERTICO-ITS Europe, Belgium
15:15-15:25	“Conclusions from UK feasibility study into implementing DWPT on the strategic road network” Dennis Naberezhnykh , Head of ITS and Ultra Low Emission Vehicle Technology, Sustainable Mobility Group, TRL, UK
15:25-15:35	“Two electrified roads tested in real environment in Sweden” Håkan Sundelin , Senior Researcher, Viktoria Swedish ICT, Sweden
15:35-15:45	“Project Victoria - The first Spanish showcase for DWPT” Hans Bludszuweit , Modeling Unit Director, CIRCE, Spain
15:45-15:55	“UNPLUGGED – Interoperable inductive charging for electric vehicles” Axel Barkow , Senior Manager, Forschungsgesellschaft Kraftfahrwesen mbH Aachen, Germany
15:55-16:05	“Static and Dynamic Fast Inductive Charging: The FastInCharge project concept” Evangelos Karfopoulos , PhD student (NTUA)/ Researcher, SmartRue Research team, ICCS, Greece
16:05-16:15	“EV-CONNECT: Roadmap for the deployment of the Electric Vehicle Charging Infrastructure” Giampiero Brusaglino , Engineer, Associazione Tecnica dell'Automobile- ATA, Italy
16:15-16:20	“Magnetizable concretes as a competitive and road integrable solution to increase the efficiency and/or coil distance for DWPT” Mauricio Esguerra , CEO and co-founder, MAGMENT UG, Unterhaching, Germany
16:25-16:45	Q&A Session (20' min)
16:45	Closing