Organised by

1st EUROPEAN FORUM

ENERGY FOR SMART MOBILITY

FEBRUARY 15/16TH 2018

PARTNER COUNTRIES

THE NETHERLANDS
DENMARK
GERMANY

WELCOME TO THE 1st EUROPEAN FORUM
on innovative energy solutions for electric mobility

PALAIS DU PHARO, MARSEILLE, FRANCE
From private to public transport, electric vehicles are already the tomorrow’s solution for sustainable urban mobility. Their development needs to rely on a secure, competitive and clean local energy.

This is the core issue of the Forum Energy for Smart Mobility, an opportunity to share views and make business happening.

Organised by the Capenergies competitiveness cluster and GreenUnivers, this first event unique in Europe will welcome CEOs from global companies, startups, SMEs, mid-caps, local authorities.

With the collaboration of some leading European countries such as Denmark, the Netherlands and Germany, 300 experts will gather in Marseille.

The key players of the energy transition for sustainable territories
The energy transition French cluster has 520 members and 1,500 partners including major industrial groups, companies, research and higher education institutes and financial actors. With this strong ecosystem, Capenergies supports economic growth and competitiveness of the low-carbon energy sector in 5 territories: Provence-Alpes-Côte d’Azur, Corsica, Guadeloupe, Réunion Island and the Principality of Monaco.

3 strategic actions:
- Energy saving,
- Smart management of energy,
- Low-carbon energy production.

3 categories of territories:
- Cities and metropoles,
- Rural and mountain areas,
- Island and isolated sites.

Since 2005, 630 innovative projects have been labelled, from which 329 have been funded representing 475 billion euros of assistance.

www.capenergies.fr

The media specialized on the energy transition markets
GreenUnivers is an online French media specialized in economic information on the energy transition markets: renewable energy, energy efficiency, storage, mobility... Founded in 2008, GreenUnivers is now a leading information services provider with daily articles, market research, studies and events.

Our annual studies provide up-to-date indicators on the main trends of the energy transition markets such as the Panorama des cleantech en France, in partnership with EY, and the European Cleantech start-up Observatory, with InnoEnergy. A fund-raising barometer, in cooperation with France Invest, is also published. GreenUnivers also holds business-to-business events throughout the year that inform on key issues for the sector and allow players in the clean energy market to connect.

www.greenunivers.com
The “Palais du Pharo” is equipped with a public WiFi network intended for the participants and covering all the rooms accessible.

In order to access this free service, connect your smartphone or PC, complete your first name, name and email, then accept general terms of use.
## DAY 1 / 15 FEB 2018

### 9:00 am - 9:30 am / LA MAJOR
**Helmut MORSI**, Advisor to DG MOVE Director European Commission

**Bernard Kleynhoff**, Provence Alpes Côte d’Azur Région, President of Industry, Innovation, New Technology and Digital Commission

**Maxime PASQUIER**, Deputy Head of Mobility and Transport Service, ADEME

**NEW TECHNOLOGY AND DIGITAL COMMISSION**

**Provence Alpes Côte d’Azur Région**

**President of Industry, Innovation, Advisor to DG MOVE Director European Commission**

**Helmut MORSI**

### 9:30 am - 11:00 am / LA MAJOR
**Stéphane DUPREE LA TOUR**, Delegate for R&D Standardisation Head of Standardisation Coordination and Steering Committee (CCPN) Vice president of the Technical Union of Electricity (UTE), EDF.

**Christian BUCHIEL**, Chairman of EDSO for Smart Grids (European Distribution System Operators). Deputy CEO, Chief Digital & International Officer of Enedis,

**Eric FEUINTEIN**, Electric Vehicle Program Director Renault Group, EV Program and new business

**Graham SMITH**, Director Sustainable Finance Unit, Global Banking, HSBC.

**Bert KLERK**, Chairman of Dutch Formula E-team, FET.

**Caroline CHAPUIS**, Business Manager & Manager for electric mobility infrastructures Umeacom

**Alexis GAZZO, Partner | Cleantech & Sustainability EY**

### 11:00 am - 12:00 pm / SAINT-JEAN
**Bernard GIOAN**, President of the Ecomobility Commission Club

**Magali PIERRE**, Engineer - Researcher - Sociologist EDF

**Mathieu BERNASCONI**, Business Development Manager, CAR2GO

**Magali PIERRE, Engineer - Researcher - Sociologist EDF**

**Mathieu BERNASCONI, Business Development Manager, CAR2GO**

### 12:00 pm - 1:00 pm / GRAND LARGE
**Danielle WALSH**, Directrice Mondes des Relations Clients numériques, HSBC, André JOFFRE (to be confirmed) CEO - President of the Cluster Derbi TECSOL, Vincent SCHACHTER, President of Industry, Innovation, Digital Commission

**Eric FEUINTEIN**, Electric Vehicle Program Director Renault Group, EV Program and new business

**Graham SMITH**, Director Sustainable Finance Unit, Global Banking, HSBC.

**Bert KLERK**, Chairman of Dutch Formula E-team, FET.

**Caroline CHAPUIS**, Business Manager & Manager for electric mobility infrastructures Umeacom

**Alexis GAZZO, Partner | Cleantech & Sustainability EY**

### 1:00 PM - 2:30 PM / EUGÉNIE
**NETWORKING LUNCH**

### 2:30 pm - 4:00 pm / LA MAJOR
**Isabel MONTELESCAUT**, Head of Electric Mobility Department, EDF

**Philippe DETOURS, General Partner, Demeter,**

**Peter BACH ANDERSEN**, Senior Researcher and project manager Parker

**Project Technical University of Denmark (DTU), Didier LAFAILLE**, Head of technical department Regulatory Commission of Energy

**RODY EL CHAMMAS, Manager New Mobility Division Toyota, Alexis GAZZO, Partner | Cleantech & Sustainability, EY**

### 4:00 PM - 5:00 PM / GRAND LARGE
**Nicolas BARDOU, EasyCharge Director VINCI Autoroutes**

**Pierre-Alain HORTENELLE, Director EasyCharge, VINCI Energies, Director at Île-de-France**

**Alessandro DE SUGLIELMO, Senior Project Manager Business Development Allego**

**Hervé BORGOLTZ, PDG DBT Group**

**François FIOLET, Project Manager, Vedeocom Institute**

**Hervé RANNOU, President, ITEMS International**

### 5:00 pm - 6:00 pm / SAINT-JEAN
**Hervé BORGOLTZ, PDG DBT Group**

**François FIOLET, Project Manager, Vedeocom Institute**

**Pierre-Alain HORTOYENNE, Director EasyCharge, VINCI Energies, Director at Île-de-France**

**Alexis GAZZO, Partner | Cleantech & Sustainability EY**

### 6:00 pm - 7:00 pm / GRAND LARGE
**Eric DEUETZ, Deputy Director, IMREEO**

**XOXOXO**

**XOXOXO**

### 7:30 pm - 10:30 pm / EUGÉNIE
**PRESTIGIOUS DINNER & AWARD CEREMONY FOR STARTUP PROJECTS**
DAY 2 / 16 FEB 2018

OPENING BY EUROPEAN, NATIONAL AND LOCAL AUTHORITIES

9:00 am - 9:30 am / LA MAJOR
Joseph BERETTA, Vice-President of AVERE Europe AVERE association for battery hybrid and fuel cell electric vehicles
Florence LAMBERT, CEO LITEN - CEATECH French Alternative Energies and Atomic Energy Commission (CEA)
Jean-Pierre Serrus, Vice President of French Transport Regulation Authorities Association

9:30 am - 10:30 am / GRAND LARGE
Jean-Marc RIVES, CTO GIREVE
Mourad TIGERCHA, Manager of the unit electric vehicles Trialog
Quentin DUCEUX LEREOUBS, Business Development Manager Plugsurfing

COUNTRY WORKSHOP
Germany

11:00 am - 12:00 pm / LA MAJOR
Gregory POILASNE, Co-Founder & CEO NUVVE Corp
Peter BACH ANDERSEN, Senior Researcher and project manager Parker Technical University of Denmark (DTU)
Marc CHEVREAU, CEO Xyt,
Baerte DE BREY, Chief International Officer XytNL - The knowledge and innovation centre in the field of (smart) charging infrastructure

COUNTRY WORKSHOP
Germany

12:00 pm - 1:00 pm / LA MAJOR
Bernard TARDIEU, President of the energy and climate change commission French Academy of Technologies
Jean-Claude GAUDIN, President - Mayor Metropolis Aix-Marseille-Provence - City of Marseille

CLOSING SESSION:
NEXT MAJOR CHALLENGES

1:00 PM - 2:00 PM / EUGÉNIE

NETWORKING LUNCH

1:30 pm - 6:30 pm
Option 1: Interflex French Demonstrator Show Room in Nice
(transit Marseille-Nice and return included. Expected hour of arrival back in Marseille at 9:30 pm)
NICE SMART VALLEY showroom : Under the coordination of ENEDIS and 5 industrial partners (GRDF, EDF, ENGIÈNE, E and Socomec). NICE SMART VALLEY is the French smart grid demonstrator of the European project Interflex that tests large-scale Smart Grid systems in different cities in Europe.
interflex-h2020.com

2:00 pm - 6:00 pm
Option 2: Visit of the charging infrastructures of Marseille Transport Agency
With the launch of the first 100% electric line in France, Marseille aimed to prepare the future of public transport and initiated the potential renewal of its fleet of buses otherwise than «all combustion-powered» in the future. The Line 82 of the Marseille’s network, from Canetieres Bourse to Euromed Arenc, is the first line in France to be fully operated by all-electric buses with an operating range of 250 kilometers.
www.rtm.fr/guide-voyageur/se-deplacer/infos-trafic-et-travaux/le-bus-100-electrique

2:00 pm - 6:00 pm / LA MAJOR
Option 3: Waves@thecamp :
Tomorrow’s means of mobility (on site)
This workshop, built by TheCamp in partnership with Anima.ai, a radical innovation laboratory founded by Alexandre Cadain who previously worked in Hyperloop, X-Prize (the organization administered by the world’s leading disruptors) and the FabMob (Fabrique des Mobilités en French), aims to explore a dimension that is rarely addressed in the mobility sector : the imagination.
thecamp.fr/fr/waves
Sponsored by HSBC, the STARTUP AWARDS organized by the European Forum for Smart Mobility aim to showcase French and international startups in the field of energy solutions for tomorrow's mobility.

On Thursday 15th of February, around 16 up-and-coming startups will have the opportunity to pitch their technologies, services and innovative products in front of a large audience of professionals.

A jury of 10 European experts, presided by M. Bernard Tardieu, President of the Energy commission of the French Academy of Technologies, will choose the most innovative technologies and solutions in four categories:

- Electric Vehicles & battery technologies
- Infrastructures and energy smart solutions
- Vehicle to Grid
- Services and digital tools for e-mobility

With a current average of 53% RES* in the Danish grid, Denmark is a frontrunner within the design and implementation of a smart grid.

The vast amount of RES in the grid is possible due to the interconnectivity of the electrical system, gas system and district heating system. New technologies for measuring, remotely controlling, automatic responses and communication equipment are being introduced to optimize and run the energy system.

The Danish smart grid developments are linked to the green transportation agenda. As a country being the playing ground for many new technologies, we have a nation-wide fueling infrastructure for hydrogen cars, EVs and natural gas cars. Further, the maritime sector is moving into green fuels at an increasing pace bringing forth opportunities for using liquid green fuels or green gasses to fuel the ferries and larger vessels.

*Renewable Energy Sources
**Germany**

Germany set the goal of becoming the lead market and provider for electric mobility by 2020.

**Key Data:**
The German Federal Government would like to achieve one million electric cars on German roads by 2020 as part of its “National Electromobility Development Plan. No other automotive nation can boast a comparable range and diversity of vehicle including BEV, PHEV and REEV models.

The passing of ‘Electro-mobility Law’ in 2014 has given electric vehicle owners an advantaged and provided further impetus to the country’s electric mobility revolution.

**The Netherlands**

Electric transport has developed rapidly in the Netherlands. As a result, the Netherlands is currently the international frontrunner as regards electric vehicles, including buses and heavier means of transport, and the infrastructure for them.

**Key data:**
In 2015, the Netherlands occupied 2nd place in the global EV fleet (BEV and PHEV) rankings for market share.
A large number of municipalities, urban and metropolitan regions and provinces have invested substantially in the development of electric transport in recent years.
The Energy For Smart Mobility Forum takes place under the framework of the FLEXGRID, the industrialization programme for Smart Grids. This initiative, which is led by Provence-Alpes-Côte d’Azur and driven by Capenergies, aims at the large-scale deployment of technological solutions in the smart grids sector. This makes PACA Region a smart grid pioneer territory, addressing the challenges of energy transition.

www.flexgrid.fr

The French Alternative and Atomic Energies Commission (CEA) is a key player in research, development and innovation in four main areas: defense and security, nuclear and renewable energies, technological research for industry, fundamental research in physical and life sciences. The CEA participates in collaborative projects with a large number of academic and industrial partners at national and EU levels.

CEA Tech, the CEA’s technology research unit, develops a broad portfolio of technologies for ICTs, energy, and healthcare, bridging the gap between research and business. One of its major research areas is the electric vehicle: improved batteries and BMS to extend vehicle range, energy recovery, vehicle-network and vehicle-home charging, with the goal of zero emissions in urban areas.

www.cea.com

The EDF Group demonstrates its role as an innovative energy company committed to the energy transition, through its commitment to electric mobility and its expertise in designing efficient and environmentally friendly mobility solutions. The emergence of electric mobility requires the development of more and more efficient batteries as well as the deployment of a network of adapted charging infrastructures.

EDF has a solid commercial experience: energy supply adapted to the use; installation, operation and maintenance of charging stations and associated services (roaming, pilotage, etc.) as well as recognized technical and scientific expertise, both in batteries and in infrastructures, and low-carbon energy production capacity unique in Western Europe.

www.edf.fr
Enedis manages the public electricity distribution network for 95% of continental France. As an industry leader, Enedis supports the development of renewable energies by facilitating their connection to the network. In order to support the growing renewable energies and new electric usages, the distribution power grid has to evolve towards a “smarter grid”. Enedis is preparing this mutation through different demonstrator projects such as:

- The French project BienVEEnu which experiment new solutions to optimize electric vehicles recharging in residential housing,
- The InterFlex project initiated by Enedis in response to a call for projects from the European Commission’s Horizon 2020 program. It brings together 5 European distribution system operators to improve the performance and the reliability of a local electric system by testing new uses of local flexibilities and new solutions of system automation.

www.enedis.fr

HSBC Group pursues a strategy that helps economies to prosper, businesses to thrive and people to achieve their ambitions. Fully in keeping with HSBC Group’s global strategy, HSBC France provides all its customers with the benefit of global capability combined with local service through the Group’s 251,000 employees worldwide, including almost 9,800 in France. It has more than 385 branches across France serving almost 800,000 personal customers and 70,000 business customers.

HSBC France aims to be a partner of choice to help businesses thrive in both France and abroad through a network that covers 54 countries and territories. Among its recent awards, HSBC was named “World’s Best Bank” in Euromoney magazine’s Awards for Excellence 2017, a benchmark in the financial services world. HSBC was also named Best Global Trade Finance Bank in the latest Euromoney 2018 survey conducted among more than 7,000 companies.

www.hsbc.com

With today’s global energy sector undergoing constant change, Omexom brings clients step-by step support in delivering on the promises of the energy transition. Its full range of solutions cover everything from engineering to the maintenance of electricity production and transmission facilities, right up to urban lighting and e-mobility equipment. For local and national territories, Omexom brings its expertise in storage, self-consumption and energy-management systems to the table in designing tomorrow’s most innovative smart grid solutions.

A Systems Integrator, Omexom always and only selects the options best suited for each need, remaining totally independent when it comes to integrating technological options. Omexom is a VINCI Energies brand. In a world undergoing constant change, VINCI Energies focuses on connections, performance, energy efficiency and data to fast-track the rollout of new technologies and support two major changes: the digital transformation and the energy transition. With their strong regional roots and agile organisational structure, VINCI Energies’ business units boost the reliability, safety and efficiency of energy, transport and communication infrastructure, factories and buildings.

www.omexom.com
ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 125 years, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions.

As title and technology partner of Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 136,000 employees.

Demeter Partners is a private equity management company dedicated to the equity financing of environmental and energy transition companies. It covers the stages of innovation, growth and infrastructure. The recent merger of Demeter Partners and Emertec Gestion has given rise to the leading European private equity firm dedicated to energy transition, environment and innovative materials sectors. The two management companies represent €800 million under management, 120 companies financed for 10 years and teams comprising 31 professionals with complementary profiles.

With almost 500 layers and 14 offices around the world, Watson Farley & Williams’ legal team is a leading sector focused finance and corporate practice which provides specific expertise in the maritime, transport (including aviation and rail), energy (including renewable energy), natural resources, infrastructure and PPP, real estate, private equity and TMT/ICT sectors. The firm advises French and foreign industrial and service groups, institutional investors, investment funds, banks, export credit agencies (ECAs), entrepreneurs, family offices, public bodies and governments.

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www.demeter-partners.com

ABB

www.abb.com/

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Watson Farley & Williams’ French legal team provides specific expertise in the energy sector (renewable – onshore and offshore wind energy, solar, biomass, hydro – and conventional electricity generation – gas, coal, cogeneration, heat networks, gas and electricity transmission and distribution networks) and natural resources.

The specialist energy lawyers have the domestic and international experience and skills to complete complex energy projects successfully and advise on all facets of both conventional and renewable energy but also of energy related infrastructure, from early stage development to acquisitions, commercial contracts and project financing.

www.wfw.com
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