

Decarbonathon jury named most promising innovations for lowering CO₂ emissions

26th January 2016 – Four technology-based innovative projects have been declared winners of the Decarbonathon, a competition created via a Young Global Leaders initiative of the World Economic Forum to find the most promising solutions aimed at reducing CO₂ emissions in cities, and that can be activated directly and easily by citizens. The competition was supported by ENGIE, the Centre for Carbon Measurement from the British National Physical Laboratory, Climate-KIC and the National Institute of Industrial Property (INPI) in France.

Nearly 600 participants and 175 teams, coming from 67 different countries, joined this worldwide competition which had been launched in October 2015 around four themes: sustainable mobility, energy efficient buildings, production and sustainable energy consumption.

The winners are:

1st price: Mobiliteam

An air booster that reduces the energy consumption of electric vehicles by improving the energy efficiency of air conditioning systems; having no effect on the passenger's comfort.

2nd price: Bynd

A mobile app to share daily rides as easily and fast as possible, combining public and private transport means.

3rd price: TEBS (Traffic Energy Bar System)

A mechanical system producing distributed energy by harvesting energy from cars on tolls or roadways where vehicles need to reduce their speed.

4th price: Mutum

A gamification and collaborative platform to mutualize different objects and tools (occasionally used on an individual basis) to avoid over consumption.

RAIDERS team has been rewarded by the public through a special prize, with a project to optimize collectively the last mile part of every journey when arriving at the airport or at the train station.

For the record, out of the 175 teams who responded to the call for projects, and following a screening involving close to 100 international low carbon economy experts, 16 finalists were chosen and announced during COP21 innovation night, on 4 December 2015.



These teams were then further mentored to mature their ideas and they competed in a two days 'hackathon' in Paris, which ended on 15th January in short presentations in front of an international jury in Paris. The projects have been then evaluated on criteria such as the CO₂ impact, feasibility, potential acceptance by the citizens or the quality of the project presentation to pick the 4 winners.

The jury was made up of policy, energy and climate experts, including Edmond Alphandéry, Former French Minister of Economy, Jacqueline Lecourtier, Former Chairwoman of the French National Research Agency, John Dutton, Director and Head of the Forum of Young Global Leaders, World Economic Forum, Philippe Cadre, Industrial Property Director at French National Institute of Industrial Property, Jane Burston, Head of Climate & Environment Department at the UK's National Physical Laboratory, and Raphael Schoentgen, Research & Technologies Director at ENGIE.

Gérard Mestrallet, Chairman and CEO of ENGIE, said: *"I want to thank all the participants of this hackathon for their involvement and the quality of the work they provided during the four months of competition. With our partners, we are very proud and honoured to support the development of all these new ideas to fight global warming; it is the beginning of a challenging story together with the winning teams."*

Now that the competition is over, the winners will benefit from publicity around their project and direct contact with potential investors. They will also be eligible for further mentoring and an acceleration programme with the partners to help get their project to market more quickly, in addition to over 20,000 Euros worth of prizes including electric bikes and eco-friendly trips.

About ENGIE

ENGIE develops its businesses (power, natural gas, energy services) around a model based on responsible growth to take on the major challenges of energy's transition to a low-carbon economy: access to sustainable energy, climate-change mitigation and adaptation and the rational use of resources. The Group provides individuals, cities and businesses with highly efficient and innovative solutions largely based on its expertise in four key sectors: renewable energy, energy efficiency, liquefied natural gas and digital technology. ENGIE employs 152,900 people worldwide and achieved revenues of €74.7 billion in 2014. The Group is listed on the Paris and Brussels stock exchanges (ENGI) and is represented in the main international indices: CAC 40, BEL 20, DJ Euro Stoxx 50, Euronext 100, FTSE Eurotop 100, MSCI Europe and Euronext Vigeo (World 120, Eurozone 120, Europe 120 and France 20).

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About Climate-KIC

Climate-KIC is the major EU initiative for climate innovation. It is the largest European public-private innovation partnership dedicated to mitigating and adapting to climate change. Climate-KIC is composed of businesses, academic institutions and the public sector. The organization has its headquarters in London in the United Kingdom, and operates national and regional centers across Europe to train students and professionals, support new companies and bring partners together on innovative projects to promote creative transformation of ideas and knowledge into products and services to mitigate and adapt to climate change. Climate-KIC is supported by the European Institute of Innovation and Technology (EIT), a European Union structure.

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About the National Physical Laboratory (NPL) and the Centre for Carbon Measurement

The National Physical Laboratory (NPL) is the UK's National Measurement Institute and a world-leading centre of excellence in developing and applying the most accurate measurement standards, science and technology available. NPL delivers world-leading measurement solutions that are critical to commercial research and development, and support business success across the UK and the globe.

<http://www.npl.co.uk/>

The Centre for Carbon Measurement at NPL reduces uncertainties in climate data, provides the robust measurement that is required to account for, price and trade carbon emissions and helps develop and accelerate the take up of low carbon technologies.

<http://www.npl.co.uk/carbon-measurement/>

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About the INPI (National Institute of Industrial Property)

The INPI is the patents and trademarks office in France. It is a fully self-funded public institution under the supervision of the Ministry of Economy, Industry and Digital Technologies. It grants patents, trademarks, designs and models and provides access to all information about industrial property and businesses.

It actively participates in the development and implementation of public policies in the field of industrial property and anti-counterfeiting.

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