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Subject: InnoDC



Who are InnoDC researchers?

PhD researchers from China, Sri Lanka, Italy, Brazil, Iran, Bolivia, Portugal, Britain, Serbia, India, Canada and Palestine – an international team! [Read their profiles.](#)

Where are they?

Their research takes them to universities and industries in Spain, Wales, Portugal, Denmark, Belgium, China and more.

What do they research?

Their work is divided into [3 x areas](#):

1. Components of DC grids & wind-farms
2. Connection of offshore wind-farms
3. Hybrid AC/DC grid.

Why?

To be international researchers of the future, specialising in offshore wind-power and DC grids.

Do they talk to non-scientists?

Yes! They went back to school in May to visit Alexandre Deulofeu School, Figueres. The teenagers learnt about wind-farms through a mix of Catalan, Spanish, English and demonstrations. A pupil vigorously waved a Japanese fan, which spun mini-turbines made from paper-cups, plates and poles; a pair of socks acted as a weight.

Not being shy, [Peng Yang](#) and [Davide Pinzan](#) practised their Welsh language skills ("bore da pawb!") at the Eisteddfod (Welsh-language festival) in August 2018. They enjoyed explaining wind-energy and electricity to passers-by who then voted for their favourite electric pylon.

The Cardiff-based researchers travelled across the Bristol Channel on 28 September 2018 to join the European Commission [Researchers' Night](#). This science-awareness day takes place every year across numerous European countries. [Davide](#) discussed wind-energy with school pupils at Bristol science museum, We the Curious, while [Gayan Abeynayake](#), [Wei Liu](#) and [Peng](#) linked wind-energy with art at Bristol arts complex, The Island.

What else do they do?

In between researching, writing, presenting and enthusing about wind-energy, they attend [courses and events](#), such as [HVDC colloquium in Barcelona](#) and [HVDC technology course](#) in Belgium.

We shall update you on their work over the next few years.