

22 August 2018

**Subject: Mervyn Porter - Energy Loss Sensor**

My name is Professor John French and I am the Chair of Enterprise and Sustainability at University of East Anglia. I have been responsible for leading a number of significant EU funded projects including the InCrops Enterprise Hub, The Low Carbon Innovation Fund and the multiple award winning Exemplary Low Carbon Building project, the £17m Enterprise Centre.

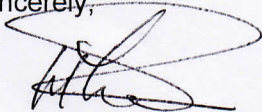
I have spent time with Mervyn Porter discussing his Energy Loss Sensor, and reviewing a prototype, and am excited by the potential this low cost, low carbon impact device has for reducing wasted energy in homes and small businesses. It works by making people aware when energy is being wasted and encouraging them to change their habits to prevent this.

The ELS device is both simple and unique. When the ambient temperature changes rapidly, a discreet alert sounds that indicates energy is being lost. This usually happens when an external door is left open longer than is necessary. So if you are in a cold climate, heat will rapidly be lost, or if you are in warmer climes then very hot air can enter the building – this all means the boiler or air conditioning units are working flat out to compensate, racking up energy costs. This sensor encourages people to take swift and obvious remedial action – closing the external door. It can also be connected to central monitoring or incorporated into any alert systems.

Mr Porter holds three patents, drafted and filed by IP21 Ltd, to protect this idea and is looking to license the manufacture and marketing to a third party, preferably one that has the means to make the adaptation of this technology widespread. This is an opportunity to both help reduce carbon emissions and the unnecessary wasting of our finite resources, so making an important contribution towards ensuring they are still abundant for future generations.

I am unreservedly in favour of this innovation and wish him all success.

Yours sincerely,



**Professor John French BSc PhD MIOD**  
Chair in Enterprise and Sustainability,  
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**Adapt Low Carbon Group**

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