

Application form:

IOP Business Innovation Awards

The IOP Business Innovation Award is for small, medium and large companies that have excelled in innovation, delivering significant economic and/or societal impact through the application of physics.

Eligibility criteria:

1. The product or solution must be based on physics principles.
2. The company or the company unit must be based in the UK or Ireland.
3. A significant part of the innovation must have been developed in house.
4. The innovation must show considerable economical and/or societal impact.

You will need to provide a testimonial evidence of the impact of your innovation, either from a customer or a user of your solution. If you have any questions please email business.awards@iop.org and a member of our team will be in touch with you.

All questions marked with an * need to be answered.

DETAILS ABOUT THE COMPANY, APPLICANT AND INNOVATION

A. Company details

Provide details of the company and, if applicable the business unit making the entry.

Company name*

Company business unit

Team name

Company website*

Company address*

Short description of the company or the company business unit*

B. Details of main contact

Provide details of the person who is completing this form and will be the main point of contact for the Institute of Physics.

Title*

First name*

Surname*

Position within the company*

Telephone number *

E-mail*

C. Details of authorising representative

Provide details of the person who is authorising the entry. You should ensure that you have informed them that their details will be submitted to us for this purpose.

Is the main contact also the authorising representative?* (If yes, skip to next section: Citation and Images)

Yes

No

Title*

First name*

Surname*

Position within the company*

Telephone number *

E-mail*

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D. Citation and images

Provide a short citation for the innovation. This should be written for a business literate lay person. It may be used in IOP publications if successful. In addition, we ask for the company logo and a supporting picture of the product or of something that relates to the application. The logo and pictures may be used in IOP awards brochure on our websites and on banners and other promotional material at the awards ceremony if you are successful. You must ensure that you are permitted to provide the logo and images for us to use in this way. By providing them, you confirm that we have all the rights needed to use them for these purposes.

For typical contents please refer to the **2017 IOP Business Innovation Awards brochure**.

Title of innovation* (*max. 12 words*)

Details of the innovation including what it is, its significance to industry or a sector and key achievements, and the link to physics.* (*max. 170 words*)

Provide company logo, image of product and image relating to the application, which may be used for marketing of winning entries. This should be a hi-res image of your company logo – if possible, please provide a transparent version of the logo as well (it would be helpful for us to receive this in both JPG or PNG format for the booklet as well as EPS format for use on promotional banners). Images ready to submit

EVIDENCE

Provide a non-confidential summary of your physics-based innovation, addressing each of the following five sections E – I. Please be aware that the evidence provided might be quoted in publications if successful. Additional materials can be submitted in support of the entry. These should help to explain or clarify points raised in the evidence section. Examples of suitable materials would include scientific diagrams, graphs, tables and/or product images. You may submit a PDF file containing the additional information. Alternatively, you may include a web address to web content (e.g., to product page or videos) as additional materials. The file should be submitted with the application form or via a file hosting service such as Dropbox.

E. How was the innovation developed?

Developed in-house from early stage (e.g., from basic principles, identification of potential applications or proof of concept)

Developed in collaboration with external partners (e.g., current or new supply-chain partners, research organisations, universities, funding bodies)

Developed externally
(*you will not be eligible for the award*)

Please provide a brief summary of which organisations were involved and their contributions.* (*max. 75 words*)

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F. Evidence of the need for the innovation

We want to know which problem or challenge the innovation intended to address. This could be for example a market need, a societal challenge or a need from an internal customer.

Where did the need or challenge come from? *

From an internal business challenge or need?

From an external/sector challenge or need?

Please provide details of the challenge that was addressed and the consequences of not addressing this challenge.* (max 300 words)

G. Physics evidence and implementation

This award is about physics based innovation, so physics has to play an important role in your innovation. Please state and describe the physics principles that underlie the innovation in a way that a physicist who is not an expert in your field will understand. This is not necessary to answer but could be helpful: did you have to overcome challenges in implementing your solution and how did you overcome them? You can attach drawings and diagrams to make the explanation easier.

What is the underlying physics and how did it contribute to the innovation?* *Please remember to provide a non-confidential summary. (max 300 words)*

I am providing a supporting PDF file.

Please attach the pdf file alongside your application to your e-mail or via file hosting service.

Relevant web address

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H. Evidence of competitiveness of the innovation

Please provide information on the competitive landscape for your innovation which explains why your innovation is successful. How does your solution outperform other solutions and makes it more attractive to customers? This may be for example technical: allowing to do things that were not possible before, or related to cost or time saving for your customer, or address the regulations or needs of a particular geographical market etc.

Why does your approach surpass more conventional approaches?* *(max 300 words)*

I. Evidence about impact of the innovation

To turn an idea into an innovation it needs to deliver value to someone. In this section, we are looking for the impact the innovation has made. Impact can come in many forms such as financial return, products sold, company growth, cost savings, improved efficiency, risk reduction, new markets entered, new discoveries made possible and others. Please provide evidence about the impact of your innovation, on the company, on society or other areas. Sometimes it may not be possible to obtain financial information, especially in a large organisation. In those circumstances find other means to highlight the significance of your innovation to your company. Be as specific as possible and provide numbers where you can. Please also provide a testimonial from your customer (external or internal) or user of your product.

What is the impact of the innovation?* *(max 300 words)*

In one sentence, what is the most significant impact?*

For example: doubled turnover, 20% waste reduction, enabled new scientific discovery, new market opened.

Testimony from customer/user* *Please attach the PDF file alongside the application to your e-mail or via a file hosting service.*

Supporting file attached.

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DATA PROTECTION

The details submitted on this form will be held by the Institute of Physics (IOP) and used for the purposes of administering the IOP Business Innovation Awards. In order to evaluate your application, this form will be shared with our Business Awards Judging Panel, who are informed that they may only use this data for the evaluation. If you are successful you, and your authorising representative, will be invited to attend our Awards ceremony and related Parliamentary Reception.

Your details may be included in our Awards Brochure and on our websites and social media channels in relation to our Awards programme.

We would also like to contact you about events and other opportunities which may be of interest to you. Please tick below if you are happy to be contacted.

I consent to the Institute of Physics contacting me by email and/or post about other events, products and services of theirs which they believe may be relevant to me.

IOP will never sell or rent your details to third parties. You may withdraw your consent at any time. For further information please refer to our privacy policy <http://www.iop.org/privacy/index.html>.

How to submit and next steps

Thank you for completing your application.

Please send:

- the completed application form
- the picture
- a customer/user testimony
- and optionally a PDF file supporting physics evidence

To **business.awards@iop.org** by 18 May. If the files are too large, we suggest to use a file hosting service such as Dropbox.

Your application will be reviewed and judged after which you will be informed of the outcome in June 2018.