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**R18 Ingenious Final Report Form**

The Royal Academy of Engineering’s *Ingenious* Public Engagement Awards support projects that:

* inspire creative public engagement with engineering projects
* motivate engineers to share their stories, passion and expertise with wider audiences and develop their communication and engagement skills
* raise awareness of the diversity, nature and impact of engineering among people of all ages and backgrounds
* provide opportunities for engineers to engage with members of the public from groups currently underrepresented in engineering.

Additional information is available from www.raeng.org.uk/ingenious

All enquiries should be directed to:

Manager, Public Engagement

The Royal Academy of Engineering

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London

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( 020 7766 0683

engagement@raeng.org.uk

1. **Grant details**

**a) Lead applicant/ grant holder details:**

Lead applicant name

Organisation:

Telephone:

**b) Grant reference** ING

**c) Funding:**

Total *Ingenious* grant awarded: £

Total *Ingenious* grant amount spent[[1]](#footnote-2): £

Total partnership funding received: £

Source of partnership funding:

Total in-kind support received: £

Nature of any in-kind support:

1. **Project details**

**a) Project**:

Title:

Start date:

End date:

**b)** Please provide a short **project summary** for sharing with the wider engineering and public engagement communities. This should be a stand-alone overview of what your project delivered and what you learned. This should include the project’s main aims; type of events; key outcomes and impacts; the engineers involved; key lessons learned about working with engineers and reaching under-served audiences (up to 400 words).

*Please write using the third person as this will be shared on our website.*

**c)** Is this the first time your organisation has completed an engineering-themed public engagement project?

Yes / No

The following sections (3, 4, 5 and 6) ask you to report against the *Ingenious* **key outcomes** defined at the start of your project in your project planning template. For key outcomes that do not apply to your project, write n/a.

The *Ingenious* evaluation guide contains further information about reporting key outcomes: <https://raeng.org.uk/programmes-and-prizes/programmes/uk-grants-and-prizes/ingenious-public-engagement-awards/evaluation>

1. **Key outcomes – reach**

In column A in the table below restate your key outcomes for the number of activities, participating engineers, training, target audience and under-served audiences as set-out in your project planning template. In column B describe what you actually achieved. In column C you can provide a brief explanation of why any targets were exceeded or were not reached.

|  |  |  |  |
| --- | --- | --- | --- |
|  | A: Original outcomes  (Taken from project planning template) | B: Outcomes achieved | Reason for discrepancies |
| Target number of engineers;  Proportion of female engineers | total       % female or non-binary | total       % female or non-binary |  |
| Training you will / have provided for the engineers | hrs per engineer  online/in-person *(delete as appropriate)* | hrs per engineer  online/in-person *(delete as appropriate)* |  |
| Number and type of activities that you aim to / delivered |  |  |  |
| Target numbers and type of audience you aim to /have reached **in person** |  |  |  |
| Target numbers and type of audience you aim to /have reached **online** | Interactive online workshops       Online views/listens | Interactive online workshops       Online views/listens |  |
| Under-served audiences: Socio-economic data  *Please select most appropriate measure of deprivation* | **Schools:**       % Pupil Premium *(England only)*  or       % Free school meals  or       % of people in highest three deciles (30%) of deprivation using postcode IMD/WIMD/SIMD data  **Family and community groups**       % of people in highest three deciles (30%) of deprivation using postcode IMD/WIMD/SIMD data | **Schools:**       % Pupil Premium *(England only)*  or       % Free school meals  or       % of people in highest three deciles (30%) of deprivation using postcode IMD/WIMD/SIMD data  **Family and community groups**       % of people in highest three deciles (30%) of deprivation using postcode IMD/WIMD/SIMD data |  |
| Under-served audiences: who you aim to reach   *(e.g. female/BAME/SEN/disabled/LGBT+/other underserved audience)* |  |  |  |
| Under-served audiences:  How you will achieve this/have achieved this. |  |  |  |

1. **Key outcomes – impact**

**a) Engineers**

Please comment on the feedback your engineers provided about their experience of your project, specifically: the proportion/ percentage who found the project enjoyable; how they felt about the training they received and the activities they helped develop and deliver (up to 400 words):

**b) Public & school audiences**

Please complete the following tables providing the impact metrics gathered using the standardised question for children and/or the standardised questions for teenagers and adult audiences. Show the percentage of your audience who enjoyed your activities, learnt something new about engineering etc.

**Impact metric questions for children**

|  | **Yes** | **Not sure** | **No** |
| --- | --- | --- | --- |
| Enjoy the [activity]? |  |  |  |
| Find out more about what engineers do? |  |  |  |
| Find out how engineering improves our lives? |  |  |  |
|  |  |  |  |
| Interested in finding out more about engineering? |  |  |  |

**Impact metric question for teenagers and adult audiences**

|  | **Yes** | **No** | **Not sure** |
| --- | --- | --- | --- |
| I enjoyed the [activity] |  |  |  |
| I gained a deeper understanding of what engineers do |  |  |  |
| I have a better understanding of how engineering improves our lives |  |  |  |
| It inspired me to find out more about engineering |  |  |  |
| I would like to pursue career in engineering |  |  |  |

1. **Key outcomes – learning**

**a) Engineers**

In this section please provide evidence from your evaluation about the learning outcomes for the participating engineers.

Please provide a brief summary of how you collected this data e.g. via interviews, questionnaires, focus groups, observation (up to 150 words)

Please provide any evidence for increased knowledge and understanding among the engineers (e.g. of public engagement, public attitudes, ethical and societal implications of their work etc) (up to 100 words):

Increased interest in public engagement / changed attitudes towards public engagement (up to 100 words):

     

Developed skills (e.g. public engagement skills, specific technical skills, project management) (up to 100 words):

Other learning outcomes

If you specified any additional learning objectives in your Project Planning Form please comment on the extent to which you were able to achieve these below (up to 100 words for each experience)

**b) Public audiences**

Learning outcomes for your public and school audiences.

Please provide a brief summary of how you collected this data e.g. via interviews, questionnaires, focus groups, observation (up to 150 words)

Evidence of increased knowledge and understanding of engineering and its impact upon society (up to 100 words):

Evidence of changed attitudes towards engineering and engineers (up to 100 words):

Other learning outcomes

If you specified any additional learning objectives in your evaluation planning please comment on the extent to which you achieved these below (up to 100 words for each experience)

1. **Project objectives**
2. Please restate your project objectives, as set out in your Project Planning Template. Addressing each objective, in turn please describe what you have found out through your evaluation – both what went to plan and what did not (up to 500 words)

1. What have you learnt about reaching and engaging under-served audiences? (up to 500 words)

1. **Media coverage**
   1. Please link to examples of any social media coverage:
   2. Please link to any coverage in the media for the project if applicable:
2. **This is Engineering**

*This is Engineering* is a campaign to rebrand engineering for young people from all backgrounds, to encourage them to take up engineering careers.

Did you use any of the following This is Engineering content during your project? Please tick all that apply.

films

images from the Flickr library

Web content e.g. career profiles

None of the above

Did you use the This is Engineering content with:

engineers

teachers

parents

young people

other general public

Approximately how many people saw the content?

      12 yrs old and below

      13 – 18 yr olds

      18 – 25 yr olds

      25 yrs old and above

1. Did you share *This is Engineering* content on social media?

Yes No

1. **Summary of lessons learnt**

Reflecting on what you have written in the rest of this document

a) What do you feel were the most successful elements of the project and what in particular were the reasons for this? (up to 100 words):

b) What were the main lessons you learnt from the project? What would you do differently if you ran the project again? What advice would you give to others attempting similar projects in future? (up to 300 words):

1. **Sustained benefits and on-going work**

**a) Dissemination**

Please describe how you raised awareness of the project within your organisation, among the wider engineering and public engagement communities, and the general public (e.g. staff training, newsletters, conferences, social media). How many people do you estimate you reached (up to 200 words):

**b) Further work**

Will any parts of your project continue after the funding period? For example, extended funding, aspects of the project that have been embedded in your working practice or that of your partners/collaborators; plans to seek new funding.

Yes / No

If yes please describe any part of your project that will continue after the funding period. (up to 200 words):

**c) Collaborations and partnerships**

Who were your partners? Please comment on any collaborations, what benefits they brought to your project, benefits they gained in turn. What challenges did you experience and what lessons did you learn? (up to 200 words):

Are the contacts with the engineers, collaborations or partnerships developed during the project likely to continue? If so, in what way? (up to 200 words):

**d)** If you have conducted an additional evaluation of your project, please make a note of it here and send a copy of the report to the Academy.

**Many thanks for completing your Final Project Report.**

**We would like to help share the fantastic work of Ingenious projects by updating our Academy Ingenious project webpages with links and resources.**

If you would like the Academy to help promote your resources, please include links for the relevant sections below:

Please note this sectional is optional.

**Photos:**

*Please ensure you have the correct permissions for these to be shown on the Academy website.*

**YouTube videos:**

*This could be a highlight reels or educational resources (e.g webinars, talks, animations).*

**Downloadable Resources:**

*Links to websites where people can download freely available project resources.*

**Website:**

*Links to any website(s) that will remain in use that you would like to direct people to for more information about the project.*

**Contact:**

*Emails to shared or personal email addresses if you would like to provide people with a point of contact for further information.*

1. For any significant under-spend, please provide further details in the sections below. [↑](#footnote-ref-2)