

Mobility Unlimited Challenge - Finalist Development Grant Entry Form

This is a PDF version of the entry form for the **Mobility Unlimited Challenge**.

[You must complete this form online.](#)

By completing this form, you are competing for a \$500,000 Finalist Development Grant to create a prototype capable of user demonstrations and an accompanying business plan. Your entry will be assessed against the **[judging criteria](#)**.

Before you submit an entry, **[ensure that you meet the eligibility criteria](#)**. Also read the **[Innovator Handbook](#)**, **[Frequently Asked Questions \(FAQs\)](#)** and the **[terms and conditions](#)**. When filling out the form, read the questions and the associated guidance.

If you have any further questions beyond the FAQs and Terms and Conditions, email **mobilityunlimited@challenges.org**.

The deadline for entries is 15 August 2018, at 23.59 BST.

Entries will be assessed based on their potential against the judging criteria. The entry form provides us with an overview of your idea and how you would create your prototype with the support of a Finalist Development Grant.

Please respond directly to the questions. Use concrete examples and/or evidence to backup your statements, wherever possible.

There are 4 sections in the entry form

1. **Your Details** - These details will be used for our records and to contact the team.
2. **Your Entry** - This summarizes the idea behind your proposed device. You will be assessed on your entry.
3. **Your Development Proposal** - This outlines the action plan for how will you use the Finalist Development Grant. You will be assessed on your development proposal.
4. **Program Evaluation Questions** - These questions will be used for internal evaluation of the Challenge. You will NOT be assessed on these questions.

*The Discovery Awards will support teams with great ideas and talent that might have little to no funding right now. If you require funding to help you develop and submit your entry form for a Finalist Development Grant, apply for a Discovery Award. Ten teams will be awarded a \$50,000 Discovery Award. Find out more information about the Discovery Awards in the **[Innovator Handbook](#)**. To apply for a Discovery Award you will need to complete a separate **[Discovery Award Application Form](#)**.*

If your team is ready to enter the Mobility Unlimited Challenge, complete the Finalist Development Grant form below. Applying for a Discovery Award is optional and NOT a prerequisite.

SECTION 1 - Your Details

These details will be used to contact you or your team.

1a. Contact Details*

Full name *	
Job Title (if applicable)*	
Email address *	
Address line 1 *	
Address line 2	
City	
Postcode/Zipcode*	
Phone number*	
Country*	

1b. Are you applying as an individual/group/organization? *

- Individual Group Organization

1c. Name of organization or group (if applicable)*

If not applicable, insert N/A

1d. Type of organization (if applicable) e.g.(Charity, Higher Education/Research Institution, Commercial Enterprise, Start-up...)*

If not applicable, insert N/A

1e. Size of organization? (members of staff)*

- 0-10 11-50 51-200 200+ N/A

1f. Organization website URL (if applicable)*

If not applicable, insert N/A

1g. Company/Charity/Non-Profit Registration Number (if applicable) *

If not applicable, insert N/A

SECTION 2 - Your Innovative Entry

The following questions will form the basis of your entry on which you will be assessed in line with the judging criteria. Please make use of the word count available to provide as many details as possible.

2a. Title of your entry*

2b. SUMMARY: Please provide a summary of your entry and the problem(s) it is addressing in no more than 150 words*

2c. How does your entry incorporate intelligent(s) systems in a new or innovative way to support and deliver radical improvement in the personal mobility and independence to the users with lower-limb paralysis?*

2d. How will your entry potentially respond to the wants and needs of people with lower-limb paralysis in relation to their mobility and independence? What has been the role of co-creation in developing these insights?*

2e. What improvements in mobility and independence for users with lower-limb paralysis will your entry potentially deliver and how will this compare with products and devices currently on the market?*

2f. Submission Video: Please provide a URL link for a 2-minute (max) video in English with closed captions addressing each of the following points:

- What your entry is
- The importance of the problem(s) that your entry is addressing
- Why your entry is innovative
- What is its current state of design
- How are end users being engaged (E.G. team leadership, team members, participatory action design/engineering?)

Please provide URL for your submission video:*

2g. Demonstration Video: Please provide a 2-minute (max) video in English with closed captions demonstrating your working model (this may be a scale model prototype) addressing each of the following:

- Concept of operation
- State of design
- Demonstrate current capabilities of design
- Importance of capabilities

- User interface and operation plans or implementation

Please provide the URL for your demonstration video:*

2h. Explain who the potential users of your entry will be and how your entry's functionality will potentially deliver measureable, radical improvements in their mobility and independence.*

2i. What are the safety measures, standards and ethical consideration relevant to your entry and its development? How will you ensure that your entry is compliant with these measures, standards and considerations?*

2j. What are the measures that you will use to demonstrate that the intelligent systems incorporated into your entry are secure and resistant to malfunction?*

2k. Explain the potential market for your entry, provide justifications.*

2l. Please outline the current development status of your entry and how you anticipate you will progress it to market.*

Answer should include plans for manufacture, customer assessment, payment models.

2m. Provide a list of no more than 15 published articles or items from academic literature that support your entry, its feasibility, design, potential impact, and, its innovative nature.*

SECTION 3 - Your Development Proposal

The answers in this section will be assessed and used to understand how entries that scored highly in section 2 plan to use the Finalist Development Grant to develop their entry into a prototype capable of user demonstrations with a demonstrable route to market. If you are successful, this information will contribute to the creation of the grant agreement between you and Toyota Mobility Foundation. Please make use of the word count available to provide as many details as possible.

3a. What is your design and development plan for the Finalist Stage?*

Your answer can include diagrams such as solid models, flow diagrams, and/or block diagrams.

3b. Upload a PDF version of your Gantt chart for activity to be conducted during the Finalist Stage.*

3c. Upload your budget setting out how you will use the Finalist Development Grant during the Finalist Stage. Include other sources of funding, budget justifications and accounting practices. If relevant, the in-direct rate should not exceed 25%.*

3d. What resources will you require during the Finalist Stage and how will you secure them?*

For example space, equipment, software etc

3e. What is your testing and evaluation plan for the Finalist Stage? *

Please include your risk management plan with key risks outlined.

3f. What is the IP (intellectual property) status of your entry?*

3g. Team make up - please provide up to 5 biographies for members of your team. Each biography should be no more 150 words.*

If more than 5 biographies are included, the additional biographies will not be reviewed or considered when scoring.

SECTION 4 - Program Evaluation Questions

These questions will be used for program evaluation and will not impact assessment of the entries. Answers to below questions will be anonymised.

4a. How many people in the team that developed this entry self-identify as being disabled or as having an impairment?*

- 0 1-5 6-10 10-15 16+

4b. How did you hear about the Challenge? (Please choose one of the following and insert the SPECIFIC NAME of your source: Mailing List, Social Media, Advertising, Events, News Media, Web, Personal Outreach)*

Eg.

Source: Mailing list

Name: Nesta Newsletter

4c. Why are you taking part in the Challenge? (Please select MAX 3 responses)*

If other, please use the space below to specify

- The Challenge inspired me to create something new
- The Challenge can show me how to transfer my knowledge/ability for new purposes
- The Challenge is a great opportunity to partner with more experienced people and organizations
- I am interested in winning the Challenge
- I am interested in increasing my reputation
- I am interested in doing something that can help people
- I would like to develop more partnerships
- Other

If other, please specify:

4d. Before entering the Challenge, were you already working in the assistive technology and developing mobility devices?*

- No
- Yes, I work in the assistive technology field and I develop mobility devices
- Yes, I work in the assistive technology field but I DID NOT previously develop mobility devices

4e. Were you already developing the idea or device that you have entered before you heard of the Challenge?*

- No
- Yes
- Yes, but I was developing the technology or ideas involved for another purpose

4f. Have you ever participated in a challenge or prize competition before?

- No
- Yes

If yes, which one(s)?

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DECLARATION

D1. Please indicate that you have read and are accepting our Terms and Conditions.*

- Yes
- No

D2. Can you confirm that, to the best of your knowledge, you comply with all the eligibility criteria (link) for the Challenge?*

- Yes
- No

D3. Can you confirm that, to the best of your knowledge, the information given in this application is correct?*

- Yes
- No

D4. Can you confirm that if you are entering the Challenge as an individual or group, you are willing to incorporate before you receive any funds for the Challenge?*

- Yes
- No