**APPLICATION FORM**

YORK CHAPTER 2021 ENGINEERING RESEARCH PROJECT OF THE YEAR AWARD

(Submit this form by email to awards@peoyork.com by 11:59 pm EST on February 22, 2022)

Notes:

1. **The project submission should be no more than 5 pages of text (within this form); up to 4 additional pages of illustrations and/or photographs may be attached (for a total of up to 9 pages).**

2. The project will be evaluated on the following criteria and compared with projects in the same category:

(A) Innovation, Technical Merit, and Distinction (35%)

(B) Environmental and Social Sustainability (25%)

(C) Commercial Viability (20%)

(D) Impact to York Region and/or Neighbouring Communities (20%)

3. York Chapter reserves the right to update/make modifications to this award; any changes will be communicated to the participants promptly.

4. For Phase III – Preparation of Final Submission, the presentation time slot selection will be provided to finalists in the order in which their applications forms were received (i.e. project whose application form was submitted earliest gets first pick of time slot).

5. The text highlighted in grey may be deleted in the final submission of the form to PEO York Chapter.

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| **Institution Name:**  |  |
| **Institution Address:**  |  |
| **Institution Website:**  |  |
| **Project Title:**  |  |
| **York Member Referral** (if applicable):  | Name:  | PEO #:  |

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| **Project Manager/Lead (Primary contact for correspondence related to this competition)**  |
| **Name:** |  |
| **Position/Title:**  |  |
| **Contact Phone#:**  |  |
| **Email:**  |  |
| **PEO #** (if applicable)**:**  |  |
| **Project Engineer (A licensed Professional Engineer in Ontario who can respond to the technical aspect of the project)** (If same as Project Manager/Lead, put “Same as Project Manager/Lead” in name box and “N/A” in the other 3 boxes) |
| **Name:** |  |
| **Position/Title:** |  |
| **Email:** |  |
| **PEO #** (required)**:** |  |

**About the Research Project Team**

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| **Your Research Project Team’s Main Industry/Sector:**(Automotive, Product Design, Information Technology, Software, Computer, Transportation, Infrastructure, Consulting, Energy, Utilities, International Business, Green Energy, Environmental, etc.):  |
| **Combined Number of People on Research Project Team** (Please provide the best available estimate to help with competition category classification.)**:** |

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| **Project Start Date:** *(mmm-dd-yyyy)* |  |
| **Completion Date (Expected Completion Date):** *(mmm-dd-yyyy) e.g. Nov-25-2020* |  |
| **Percentage of Completion:** |  |

**About the Project**

**The 80-Word Project Summary***(The 80-word summary of the project will be used for communications for the Engineering Research Project of the Year Awards. It is also used by PEO York Chapter to showcase engineering research projects to the public. Please use plain language and avoid technical jargon where possible. The summary should include: The client and the client’s objective, project complexity and/or use of innovation, and the project’s social, economic and/or environmental benefits.):*

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**Project Description***(Please describe your project in detail in relation to the 4 evaluation criteria. This section is the most crucial part of your submission. You may attach drawings, photographs, illustrations, etc., at the end of your application to supplement your input. Guiding questions for the criteria are as follows:*

1. *Innovation, Technical Merit and Distinction (35%)
How does your project demonstrate the innovative application of engineering principles, techniques, or technologies. How is it different from similar projects of its type?*
2. *Environmental and Social Sustainability (25%)*

*How does your project address environmental sustainability issues? What are the societal and/or social benefits of your project?*

1. *Commercial Viability (20%)
How does your project address a need? What is the completion status of your project phase or product phase? How cost-effective is your project throughout its life cycle (i.e. design phase, to production or construction phase, through to operation phase)? How profitable and reliable is the project and/or product?*
2. *Impact to York Region & Neighbouring Communities (20%)
What are the benefits that the project brings to the York Region and/or its Neighbouring Communities (GTA)? For instance, what are its economic impacts? How does it enhance the image of York Region/GTA?):*

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**Project Deliverables***(What final engineering output (e.g. report, design, and/or prototype) do your stakeholders expect to receive upon the completion of your engineering research project?):*

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**Challenges***(Describe any unexpected challenges or obstacles that your project team has had to overcome in order to ensure successful completion of the project objectives)***:**

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**Impact on York Region and/or its Neighbouring Communities (GTA)***(Describe the key impacts of your project on the community; for instance, increased economic growth and employment levels, enhanced the image of York Region/GTA, helping new immigrants to settle in the region, combat COVID etc.):*

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**Additional Information***(Please use this space to provide any additional details in support of your application):*

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