The Elsevier Foundation 360 Park Avenue South New York, NY 10010-1710 United States of America

The Elsevier Foundation Green and Sustainable Chemistry Challenge

OFFICIAL RULES

No entry free or payment necessary to enter or win. Subject to all federal, state and local laws and regulations. **Void where prohibited or restricted.**

The Elsevier Foundation Green and Sustainable Chemistry Challenge (the "Challenge") is a skills-based competition in which participants are asked to submit proposals outlining innovative ideas that advance access to environmentally friendly and sustainable chemical processes that are suitable for use in developing countries ("Proposals"). All Proposals are to be submitted for consideration based on the criteria listed in Section 5 ("Judging Criteria") below.

Please read these rules (the "Official Challenge Rules") before entering the Challenge. By entering the Challenge, you agree to be bound by these Official Rules and represent that you satisfy all of the eligibility requirements set forth herein.

1. SPONSOR:

The Elsevier Foundation 360 Park Avenue South New York, NY 10010-1710, United States of America ("Sponsor")

2. ELIGIBILITY:

Applicants must be at least twenty-one (21) years of age or older at the time of entry to enter the Challenge. Applicants may participate as (i) individuals, (ii) teams of individuals, or (iii) individually or in teams on behalf of an organization, i.e. an educational or not-for-profit institution or a corporation (the latter category, collectively "Organizations"). Submission of an application ("Application") on behalf of a group of individuals or an Organization shall constitute a representation by the individual submitting the application that he/she is authorized to represent the team to submit the Application and distribute any prize money. Directors, officers and employees (and their immediate families and household members) of Sponsor and its affiliates and their respective advertising and promotion agencies are not eligible to enter the Challenge. The Elsevier Foundation Green and Sustainable Chemistry Challenge is subject to applicable laws of an applicant's jurisdiction. The Sponsor is not responsible for any other eligibility prohibitions, including, without limitation, any established by applicant's employer; applicants are encouraged to seek information on any such restrictions prior to submission of an application **Void** where prohibited or restricted.

3. WHEN & HOW TO ENTER:

Applications may be submitted between 12.00 CET on June 1, 2016 and 12.00 on the September 15, 2016 on 12.00 CET ("Challenge Period").

To access the application, participants must follow the instructions on the Elsevier Foundation Green and Sustainable Chemistry Challenge website at http://www.elsevierfoundation.org/the-elsevier-foundation-

The Elsevier Foundation 360 Park Avenue South New York, NY 10010-1710 United States of America

green-and-sustainable-chemistry-challenge/ ("Challenge Site") and then register on the application site (http://www.efchemistrychallenge.skild.com). Upon successful registration, participants will receive a link to the Application Form, which will need to be completed with all of the required information; it will also be available in PDF format on the Challenge Site.

Applications that are (i) submitted in any manner other than as specified; (ii) submitted before or after the Challenge Period; or (iii) incomplete, defective, forged, or irregular in any way or not in compliance with these Official Rules will be disqualified. The Sponsor's servers and clock shall serve as the official clock for the Challenge and participants' proof of submission does not constitute proof of receipt by Sponsor. Applications will be acknowledged as received but will not be returned.

4. PROPOSAL REQUIREMENTS:

Each Proposal must comply with the following requirements ("Proposal Requirements"):

- All Proposals must be in English;
- Proposals must be on any subject related to green and sustainable chemistry that can be directly
 applied to the developing world (the Proposal could be in, but is not limited to, the areas of waste
 reduction, use of safer chemicals, energy efficiency, solar energy, use of renewable feedstocks,
 biocatalysts, or any other suitable area);
- Proposals must be the original work of and created solely by the participant submitting such
 Proposal or, in the case of Proposals submitted by a team, by members of the team participating in the Challenge.
- Modifying, enhancing, or altering a third-party's pre-existing work does not constitute an original work;
- Proposals shall not: (i) violate the intellectual property rights (copyright, patent, trademark, etc.) of any third party; (ii) defame or invade the publicity or privacy rights of any person, living or deceased; or (iii) otherwise infringe upon any person's or entity's personal or proprietary rights;
- Each participant must have a non-restricted right to submit the Application and Proposal for consideration.
- Any participant whose Application and Proposal includes elements not owned by the participant (including, but not limited to, third-party trademarks and logos) must be able to provide legal releases for such use in a form satisfactory to the Sponsor; and
- Proposals must set a benchmark for innovation.
- Sponsor reserves the right to exclude or disqualify any Proposal which does not meet, or may not meet, these requirements, as determined in Sponsor's sole discretion.

5. JUDGING CRITERIA:

The Elsevier Foundation Green and Sustainable Chemistry Challenge is open to individuals or organizations operating in nonprofit sectors. Projects can be in any field of Green or Sustainable Chemistry so long as they are applicable for use in developing countries. Proposals will be assessed

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against the following Elsevier Foundation Green and Sustainable Chemistry Challenge Judging Criteria ("Judging Criteria"):

Projects will be reviewed against the following criteria:

- Be replicable, scalable, sustainable and set a benchmark for innovation new ideas or concepts in development will be given preference over more advanced projects.
- Have practical applicability; include an implementation plan. Please note that if the project
 has been developed in a high income country, contextually appropriate development
 knowledge will need to be demonstrated, for instance through a developing country
 implementation partner.
- Be suitable for use in developing countries. Have considered the project's social impact on local communities, including whether it has a possible gender dimension either in design or implementation.
- Have at least two of the following Green and Sustainable Chemistry objectives:
 - Reduce or eliminate the use or generation of one or more hazardous substance or material
 - Provide a more sustainable use of resources, materials, or products, or more sustainable manufacturing or application of a chemical product
 - Provide increased reuse, repair or recyclability
 - Present a new business model fitting into the criteria of green and sustainable chemistry.

Early stage projects are preferred. The winning project in the Elsevier Foundation Green and Sustainable Chemistry Challenge will receive a prize of € 50,000; the winner of the second prize will receive a € 25,000 award.

All applicants will be offered access to relevant Elsevier products, such as Science Direct, REAXSYS, MENDELEY (a reference manager that allows creation of a fully-searchable library in seconds, so that PDFs can be read and annotated on any device) and Scopus (the largest abstract and citation database of peer-reviewed literature), that can help in the preparation of their submissions.

6. SELECTION OF SEMI-FINALISTS:

Proposals will be reviewed against the Judging Criteria by the Elsevier Foundation Green and Sustainable Chemistry Challenge advisory group comprised of external specialists and relevant internal colleagues. The advisory group will reduce the Proposals received to a shortlist of semi-finalists which will then be reviewed by an expert panel of external judges.

The shortlist will be announced in October 2016 Shortlisted candidates will be given the opportunity to further develop their proposals. Five (5) candidates selected from this shortlist will be invited to the Second International Green and Sustainable Chemistry Conference in Berlin to make presentations to the panel of judges.

The Elsevier Foundation 360 Park Avenue South New York, NY 10010-1710 United States of America

7. SELECTION OF WINNERS AND NOTIFICATION:

Two (2) winners (comprised of one (1) first place prize winner and one (1) second place prize winner) will be selected from the five semi-finalists pursuant to the Judging Criteria. Decisions of the panel will be final and binding in all respects. This is a contest of skill. Your odds of winning depend on how well your Proposal compares with the others submitted in the Challenge pursuant to the Judging Criteria. Winners will be announced at the Second International Green and Sustainable Chemistry Conference in Berlin, Germany, 14-17 May 2017.

8. PRIZES:

Two (2) prizes will be awarded as follows: (i) a first place prize in the amount of EUR € 50,000 (fifty thousand euros) and (ii) a second place prize in the amount of EUR € 25,000 (twenty five thousand euros), each to be used to launch, sustain or effectuate the respective winning Proposal.

Each winner will be required to execute and return an Affidavit of Eligibility and/or a Release of Liability/Publicity Release within fourteen (14) days of notification in order to claim prize. If a notification is returned as undeliverable, or if a potential winner fails to return the signed documentation within the required time, is not eligible, or has otherwise not complied with these Official Rules, then that potential winner will be disqualified and an alternate winner will be selected and notified in accordance with these Official Rules.

9. RIGHT TO USE:

By entering the Challenge, participants grant the Sponsor and its affiliates, the rights, without limitation or further permission or compensation, to: (i) use and publish their name and likeness; and (ii) use, reproduce, publish, display and distribute the Applications and Proposals, including via a website. Winners' full names, institutions, and city and state/province/country of residence and their Proposals will be announced and, with their photograph, and may be featured on the Challenge Site and websites of the Sponsor and its affiliates. By accepting a prize, winners grant the Sponsor and its affiliates, the additional rights, without limitation or further permission or compensation, to use and publish their photograph in conjunction with their credited name. Rights granted by participants and winners are for advertising, publicity and promotional purposes and are in perpetuity and in any medium the Sponsor sees fit, including, but not limited to, website, television, radio, or printed materials.

By submitting an Application, each participant grants the Sponsor and the judges an unrestricted right to use, review, assess, test, and otherwise analyze their Proposal and all of their content in connection with the Challenge. Participants agree not to instigate, support, maintain or authorize any action, or lawsuit against the Sponsor on the ground that any use of the Application and Proposal materials infringes any of the participants' rights as creators of the Application and Proposal materials.

Participants acknowledge that the Sponsor may currently, or in the future, be developing internally, or receiving from a third-party, information or applications similar to those submitted by participants. Nothing contained in these Official Rules will be construed as a representation or agreement that the

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Sponsor will not develop or have developed products, concepts, systems, or techniques that are similar to or that compete with the products, concepts, systems, or techniques contemplated by or embodied in any of the entry materials. Further, the Sponsor shall be free to use for any purpose the residuals resulting from access to work with Applications and Proposals. The term "residuals" means information in intangible form, which is retained in memory by persons who have had access to the Applications, including ideas, concepts, know-how, or techniques contained therein. The Sponsor shall have no obligation to limit or restrict the assignment of such persons or to pay royalties for any work resulting from the use of residuals. Nothing in this paragraph shall be deemed to grant Sponsor a license under the participants' intellectual property rights.

10. USE OF INFORMATION:

None of the Application materials and information, including the Proposals, submitted by participants will be treated as confidential, so applicants are asked not to submit proprietary information. Participants further agree that personally identifiable information may be processed, stored, and otherwise used for the purposes of the Challenge, including, but not limited to, checking participant's identity, postal address, and telephone number, or to otherwise verify eligibility to participate.

11. RELEASE:

BY ENTERING THE CHALLENGE, PARTICIPANTS SHALL RELEASE AND HOLD HARMLESS SPONSOR, ITS PARENTS, SUBSIDIARIES, AFFILIATES, AGENTS, PROFESSIONAL ADVISORS, ADVERTISING AND PROMOTIONAL AGENCIES, ANDDIRECTORS, OFFICERS, AND EMPLOYEES THEREOF, FROM ANY AND ALL CLAIMS, INJURIES, LOSS, DAMAGE, EXPENSES, OR LIABILITIES OF ANY KIND ARISING OUT OF OR IN CONNECTION WITH THE CHALLENGE, PARTICIPANTS' PARTICIPATION IN THE CHALLENGE, ACTS OR OMISSIONS OF ANY THIRD PARTIES (INCLUDING BUT NOT LIMITED TO THIRD PARTIES WHICH PROVIDE HOSTING SERVICES FOR THE CHALLENGE), OR DELIVERY, MISDELIVERY, ACCEPTANCE, POSSESSION, AND USE OF, OR INABILITY TO USE, ANY PRIZE, TO THE EXTENT PERMITTED BY LAW. IN NO EVENT WILL THE SPONSOR BE LIABLE TO A PARTICIPANT FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR EXEMPLARY DAMAGES ARISING OUT OF, OR IN CONNECTION WITH THE CHALLENGE, WHETHER OR NOT SPONSOR HAS BEEN ADVISED, HAD REASON TO KNOW, OR IN FACT KNEW OF THE POSSIBILITY OF SUCH DAMAGE.

12. GOVERNING LAW AND VENUE: All issues and questions concerning the construction, validity, interpretation and enforceability of these Official Rules, or the rights and obligations of the entrant and Sponsor in connection with the Competition, shall be governed by, and construed in accordance with, the laws of the United States. Any dispute relating to their interpretation or execution that cannot be settled amicably must be brought before the competent courts in New York, New York, USA.

13. LIMITATION OF LIABILITY/RESERVATION OF RIGHTS:

Neither Sponsor, its parent, subsidiary or affiliated companies, nor its advertising or promotional agencies shall have any obligation, liability or responsibility for (1) telephone, electronic, hardware, software, network, Internet, or computer malfunctions, failures, or difficulties of any kind; (2) any

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condition caused by events beyond the control of Sponsor that may cause the Promotion to be disrupted; (3) any printing or typographical errors in these Official Rules or any other materials associated with the Promotion; (4) entries that contain incorrect or inaccurate information or do not comply with these Official Rules; or (5) entries, prize claims or notifications that are lost, late, incomplete, illegible, unintelligible, damaged or otherwise not received by the intended recipient, in whole or in part. If for any reason, the Challenge is not capable of being run as planned, the Sponsor and the judges reserves the right in its sole discretion to change these Official Rules and to modify, suspend, cancel or terminate the Challenge. If the Challenge is terminated early, the Sponsor may select winners based on the Applications received prior to the termination date.

14. RULES:

Participants agree to be bound by these Official Rules and the decisions of the Sponsor and judges in regards to the Challenge. Any participant found to be acting in violation of these Official Rules may be disqualified in the Sponsor's sole discretion.

15. SPECIAL ACCESS:

Applicants may be granted special access to Elsevier products and/or services for use solely in connection with their Proposal submissions. Applicants will receive specialized access information by email, which shall not be disclosed or shared with anyone else for any reason. Applicants, by submitting a Proposal, shall be deemed to be agreeing to abide by the applicable terms and use policies associated with any such Elsevier products and/or services and may be required to assent to such terms online prior to receiving access.

16. TAXES:

For US applicants, a 1099-MISC will be issued to each winner. Other jurisdictions may have similar requirements and each winner is solely responsible for taxes on the prize received and should consult a tax professional to determine his or her tax liability. The Sponsor is not allowed to give tax advice.

17. WINNERS' LIST:

Winners will be publicized at http://www.elsevierfoundation.org/the-elsevier-foundation-green-and-sustainable-chemistry-challenge/