

Open Innovation Call

Smarter Logistics for a Smart City

Competition Manual

How can smarter logistics balance the demands of growing e-commerce with the environmental ambitions of a Smart City?

Many cities all over the world are struggling with high increase in transport, resulting in congestion and bad air quality. This is a result in an overall increase in transport demand – both personal and freight. The freight transport has seen an increase because of the large uptake of e-commerce and global trade. This brings huge benefits for the customers, who now can buy their products from a range of global companies and get the goods delivered right to their door. But this also poses big challenges for cities and logistics providers alike.

Global transportation company [FedEx](#), [EIT Climate-KIC](#), [Nordic Edge](#) and [Design and Architecture Norway \(DOGA\)](#) are now launching an open innovation call to determine how urban logistics can better support the sustainability goals of a smart city.

Competition question

Contestants are invited to contribute with solutions that address the following:

To balance the increasing demand for urban deliveries while ensuring that our cities continue to benefit from a flourishing e-commerce market, how can urban logistics become smarter and contribute positively towards reaching environmental targets?

It is acceptable that some or all the components of the proposed solution require further development to be made fully applicable in the context of the competition.



It is likely that some aspects of a proposed idea or solution have been developed elsewhere for other purposes. Contestants are moreover welcome to come up with partial solutions with functions that support one of the main purposes of this urban challenge.

Competition format

Proposals can be submitted until 3 September 2018. Three finalists will be invited to pitch their solutions at the Nordic Edge Expo.

Launch of open innovation call	09 July, 2018
Re-launch (Universities and students)	13 August, 2018
Deadline for submission	3 September, 2018
Announcement of the 3 finalists	10 September, 2018
Final at Nordic Edge Expo	25-27 September, 2018

Economic compensation

The three finalists will be invited to final pitch in Stavanger at the Nordic Edge Expo 25-27 September 2018. The finalists (up to four team members per accepted proposal) will be reimbursed for travelling and accommodation expenses in accordance with EIT Climate-KIC's terms and conditions. All receipts must be presented for expenses to be reimbursed.

Terms and Conditions

This competition called *How Smarter Logistics Can Help The City*, is being run by FedEx Express, EIT Climate-KIC, Nordic Edge and DOGA Norway ("Organizer") in accordance with these terms and conditions ("Terms and Conditions").

By entering the Competition, you expressly agree to be bound by these Terms and Conditions. Entry on behalf of a team shall constitute express agreement by each member of the team to be bound by these Terms and Conditions. Each entrant, and each member of a team is referred to as 'you'.

Deadline for submission of entries is 3 September 2018. The Organizer shall not be liable for failure to submit all or part of your entry whosoever caused or arising.

Digital submissions must be made via the web form linked to from this page. Supporting physical materials can be shipped to the expo for display if selected. Finalists will be selected and notified by 10 September 2018.

Territory

Participation in the Competition is limited to the territory of Europe ("Territory")

Eligible participants

To qualify for entry into the Competition all entrants must be at the time of participation: (i) over 18 years of age, (ii) residents and/or domiciled in the Territory and (iii) [*any other requirements*]. ("**Eligible Participants**").

Non-eligible participants

Employees of FedEx Corporation or any of its affiliates Climate-KIC, Nordic Edge or DOGA Norway are not eligible for participation in the Competition ("**Non Eligible Participants**").

Communications

By entering the Competition, you agree that FedEx Express, EIT Climate-KIC, Nordic Edge and DOGA Norway may make use of your entry materials in communications on their owned channels and in promoted posts on social media.

You hereby grant to FedEx Express, EIT Climate-KIC, Nordic Edge and DOGA Norway a non-exclusive, worldwide, non-terminable right and license to use and exploit all or part of your entry and any intellectual property rights contained therein solely for the production, exhibition, broadcast, exploitation and promotion of their marketing and promotional communications on their owned channels and social media.



Intellectual Property

You represent and warrant (i) that except for those formulae, processes, machines, compositions of matter (or improvements thereof), computer programs, know-how, discoveries, techniques, drawings, specifications, renderings and all other documents, data and materials ("**Materials**") for which the you have obtained a valid license or permission to use, the Materials forming part of your entry are wholly and exclusively developed or owned by you; (ii) that you have the full right and power to enter into this Competition; (iii) that there exists no adverse claim to the Materials or any rights therein; and (iv) that the Materials and use thereof do not infringe upon any intellectual property rights of any person, firm or corporation.

The Intellectual Property Rights (IPR) of the idea and related materials are owned by the contestant. The contestants will decide what kind of sensitive business information they would like, or need, to share in the competition. Individually confidentiality agreements to protect sensitive business information will be accepted to protect the business idea. It is the contestants' responsibility to point out the sensitive information and deliver the confidentiality agreement. All submissions will be published on the competition's website as written documentation associated with the competition, on websites of the organizing partners and network or under other circumstances in which the organizing partners and network may want to inform others about the competition and its results. When contestants submit for the competition, they accept that their proposal can be published.

Implementation

The goal of the competition is to develop solutions that supports the demands of the organising partners looking to secure the future of sustainable urban freight logistics. These demands concern various aspects such as technique, production, economy, safety, efficiency, community benefits, etc of the project.

The organising partners do not take responsibility for the potential implementation of the solutions. The responsibility of the organising partners ends at the Nordic Edge Expo 2018 when the winners are announced. However, the winning proposals will receive professional advice in the form of one follow-up meeting each with the organising partners on how best to bring their idea to reality.

Publishing

All – or at least some – of the proposals submitted to the competition will be published in a solution catalogue associated with the competition. This catalogue, as a whole or partly, will be used for promotional purposes, shared on the official competition website and on the websites of the organising partners. It may moreover be shared with other external parties to inform others about the competition and/or its results.

By taking part of this competition, contestants accept that their proposals can be published. If this is not acceptable, notice must be submitted when the proposal is registered.

Competition documents

This Competition Manual contains the program of the competition. Facts and other relevant information about Resilient and Sustainable Urban Freight Transport are available at the official competition website. The purpose of these documents is to give participants a greater and more tangible idea of the objective associated with this competition. Full or partial solutions submitted to the competition by no means need to be “ready to roll-out” according to the site description documents. This is neither required nor expected at this stage.

The competition will run without close interaction between the contestants and the organising partners. Questions to the competition can be raised by contacting the competition secretariat at anders.vestergaard-jensen@climate-kic.org no later than 27 August 2018. Answers to the competition questions will be made public on the competition website in batches. The last batch no later than 30 August 2018.

Who can enter?

Anyone. Individuals or interdisciplinary teams of up to four persons, comprising but not limited to professionals, start-up enterprises and university students in areas of tech, engineering, design, architecture and urban planning, and transport and logistics management. Entries will be considered regardless of qualifications, experience, or how far developed the idea. Submissions are welcome from interdisciplinary teams that represent the perspectives of multiple parties.



Proposals

All proposals submitted must contain a detailed description of the solution including a short description of the sustainability of the proposal. Please note that:

- Your response must utilise a real Nordic city as the basis for your solution
- Proposals must be written in English
- Proposals shall contain a written description of the solution in maximum four A4-pages with text 12-point Times New Roman or similar and submitted in PDF-format
- We encourage contestants to make use of a variety of multi-media to convey the end result of your idea. Any combination of audio-visual, physical models, illustrations, text will be accepted but must showcase why the solution promises to be commercially viable, favourable to all, and most of all, functional in the chosen city.
- Proposals shall be submitted digitally through the official competition website latest at 23:00 CET on 3 September.

The scope and content of proposal presentations at the final will be decided by the organising partners and informed as part of the invitation to the finalists.

Evaluation

The evaluation of the proposals will be carried out by a group of representatives from the organising partners. The jury will be joined by experts from other institutions in order to cover opinions on different aspects of the proposals.

The jury will select four finalists in September (see Competition format). The finalists are then invited to pitch their solutions in front of the jury appointed by the organising partners at the Nordic Edge Expo.

Criteria

The proposals will be evaluated and scored by the criteria below.

1. The socio-economic consequences of your solution, so that communities continue to benefit from growth of ecommerce and international trade
2. How your solution maximizes safety and efficiency as well as sustainability

3. How viable your solution is for implementation by the smart city, how favourable it is to citizens, and whether it suits the business models of global logistics providers

GENERAL

All private data disclosed in relationship with the Competition will be handled in accordance with the applicable data protection legislation.

None of FedEx Express, Climate-KIC, Nordic Edge or DOGA Norway shall be liable for any loss, injury, claim, liability, or damage of any kind resulting in any way from the attendance or non-attendance of any aspect of the prize set out above.

By entering the competition, participants agree to be bound by these Terms and Conditions.

Any complaints regarding the competition can be addressed to Anders Vestergaard Jensen (Anders.Vestergaard-Jensen@Climate-KIC.org).

This Competition, and any dispute or claim arising out of or in connection with it, shall be governed by and construed in accordance with Danish law. You irrevocably agree that the courts of Denmark shall have exclusive jurisdiction to settle any dispute or claim that arises out of or in connection with this Competition.

Organising partners

[FedEx](#), [EIT Climate-KIC](#), [Nordic Edge](#) and [Design and Architecture Norway \(DOGA\)](#) are the organizing partners behind this open innovation call.



