**Instructions:**

* Please prepare the Proposal in no more than 20 pages, excluding any appendices. The minimum font size is 12 with reasonable page margins.
* You are free to use this template or other templates, design layout as appropriate.

# Cover

(This section provides an easy reference to judges with an initial understanding of the contestants and the proposed application (“Application” or “Solution”). If included, it will count toward the page limit.)

|  |  |
| --- | --- |
| Name of the Application (if any) |  |
| Name of the Team (if any) |  |
| Names of Team Member(s) |   |
| Brief Description of the Institution or Company the Team Represents |  |
| Brief Description of the Application (in 2 sentences) |  |

# Team Profile

(In this section, please provide the name of each member along with a brief description, which may contain information such as that member’s role in the team, interests, skills, education, and work experience. You may also add supplementary photos, if deemed necessary.)

|  |  |
| --- | --- |
| Name of Team Member | Brief Description of the Team Member(e.g., his/her role in the team, interests, skills, education background, and work experience etc.) |
|  |  |
|  |  |
|  |  |

# Key Challenge(s) to be Addressed Under the Theme of ESG

(In this section, you are expected to explain the identified ESG challenge(s) in details with the support of spatial data. Data visualization is encouraged. Visualizations can be placed inline or in an appendix; either will count toward the page limit. Visualizations are encouraged to be self-explanatory and legible on A4 paper.)

|  |
| --- |
| Please provide a description of the ESG challenge(s) to be addressed by this Application and explain how by addressing the challenge(s) can propel Hong Kong’s development  |
|  |

# Expected Benefits of the Solution

(In this section, you should highlight the private and public benefits which the Application will generate. Descriptions of each benefit can be qualitative or contain results from quantitative estimations. You are required to clearly list out all the steps for any quantitative estimations made.)

|  |
| --- |
| Please provide a description of the benefit(s) the Application will generate |
|  |

# Proposed Solution

(In this section, you are expected to provide an introduction on the Application’s key features and explain detailly on each of the proposed features.)

|  |  |
| --- | --- |
| Brief Description of the Application |  |

|  |  |
| --- | --- |
| Feature / Function of the Application | Description of the Feature / Function(e.g., what it does; how it addresses the challenge(s) identified; how the feature makes the application stand out from existing options provided to the public/in the market) |
|  |  |
|  |  |
|  |  |

# Beneficiaries of the Solution

(In this section, you are expected to identify intended users that will be benefited from the Application. Examples of beneficiaries include demographic groups, specific industries, specific companies, users of existing products, users of certain public services, and certain geographical areas as a whole.)

|  |
| --- |
| Please provide a description of the beneficiaries (i.e. how would the intended user benefit from the Application) |
|  |

# Spatial Data Used/to Be Used

(In this section, you will have to highlight how spatial data is being used throughout the development of the Application and in the Application. You may apply any suitable spatial measures and analyses (e.g., buffer, clip and overlay analysis) and explain detailly in the description.)

|  |
| --- |
| Please specify which data set from CSDI Portal will be used and how the spatial data would be used to support the Application  |
|  |

# Key Technology/Tools to Be Adopted

(In this section, you should highlight how various technologies and/or tools, in particular that relating to the geospatial field, are being used in the Application.

Technologies and/or tools named can be a field or a broad class of products (e.g., GIS, Augmented Reality) or specific languages, packages, or application programming interfaces (e.g., Keras, Beautiful Soup, ggplot2, React.js, Swift). All concepts and terminology, if used, should be explained in a way that is intuitive and interesting.)

|  |
| --- |
| Please provide a description of technologies and/or tools to be adopted in the Application and how the technologies and/or tools could support the Application  |
|  |

# Appendices

(Possible relevant information, including financial projections, design mock-ups, provisional system architecture, data visualizations, market entry strategies, implementation plans, modelling of any financial or social impact etc., could be inserted here.)

# Reference

(Any third-party works referenced or used in the creation of this proposal or the Application it describes should be attributed. Plagiarism will result in a score penalty. Participants can use a common citation system of their choosing.)