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| **Company / Organisation Name:** | NOKIA Bell Labs |
| **Team / Department**: | Responsible AI Team, AI Research Lab |
| **Address:** | 21 JJ Thomson Avenue, CB3 0FA, Cambridge UK |

**Provisional title for project:**

Mapping the Global Impact of Corporate Environmental Externalities

**Short description of the problem that would be addressed by the project:**

Corporate headquarters often concentrate financial gains while outsourcing production and resource extraction to other regions, resulting in environmental externalities like pollution, deforestation, or water depletion. While CDP reports offer granular data on these externalities and their origins, this information has yet to be systematically analysed to reveal disparities across regions, sectors, and nations. This work aims to uncover these patterns and present them visually for actionable insights.

**Short description of the data sources that would be used in the project, and how they would be used**

Via Nokia; to be discussed.

**Would any work by the student need to be carried out on site at the Company (with the exception of supervisory**

**Meetings)?**

Not necessary

**Any issues of data confidentiality and IPR that would need to be resolved**

To be discussed at the beginning of the project.

**Essential skills**

**Desirable skills**

Data analysis, geospatial mapping, and data visualization.

**Preferred degree programmes (if any)**

No particular preference

**Preferred selection method**

Interviews

**Support and training offered by the company**

Support will be provided by Nokia staff

**Financial assistance offered by the company**

£500 stipend on successful completion of the project.

**Any other comments**

If there are any questions about the 2025 programme, please contact Richard Arnold at [richard.arnold@ucl.ac.uk](mailto:richard.arnold@ucl.ac.uk). s