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Respondent

4

Anonymous

20:12

Time to complete

PROJECT INFORMATION

1. What is your name? *

2. What is the full name of your unit? *

e.g., LAC Transportation or Energy Global Practice

3. What is the name and P-code for your project? *

4. Are you the TTL / Project Lead? If not, please enter their name and email here: *

5. Please list other team members involved in the project: *

CHALLENGE

6. **Where** is your challenge? *

i.e., which county, city, country, and/or region

Africa

7. **What** is the challenge you are trying to solve? *

The Transport Global Knowledge Unit is building a freight transport model to inform its investment prioritization and planning decision and respond to growing global challenges such as decarbonization, food transportation and logistics. The modeling work aims to provide a fresh, independent, and comprehensive view of connectivity needs of client countries in these regions and their decision-making processes. It draws upon and seeks to integrate existing work that the World Bank and other stakeholders have carried out on infrastructure and logistics connectivity and propose a purely technical approach to support the coordination and prioritization of projects.

The objective of the assignment is to update and continue further development of the transport model (FLOWMAX) and lay the ground for the detailed modelling that needs to be carried out to identify and prioritize investments in trade and transport corridors linking parts of the MENA, SAR, North/East Africa and ECA to their main trade partners. It is also aims to apply FLOWMAX to assess the nexus of transport and food and fertilizer systems in Sub-Saharan Africa by defining a transport connectivity and logistics infrastructure improvement program to strengthen the resilience of food and fertilizer systems in Sub-Saharan Africa (SSA).

8. **Who** would be the beneficiaries of the solution? *

Bank staff, policy makers in client countries and their citizens.

STATUS AND TIMELINE

9. What is the status of your project/challenge? *

e.g., early ideation; concept note; supervision; etc.

Implementation n

10. Are there milestones or hard deadlines we should be aware of? If so, please describe: *

project ending in FY24, but with possibility of extension

11. Does the team have a technical lead who could regularly meet with the students? *

☒ Yes☐ No☐ Other**DATA**

12. What is the approximate size of your dataset to be analyzed by the students? *

e.g., 100 GB

100 GB

13. Is the data? *

☒ Text

☒ Image

☒ Time series/Panel data

☒ Tabular

☐ Other

14. Could you please provide more details regarding the nature of the data? *

transport flows between regions, border crossing points

15. **It is important that students can begin their project work as soon as their course commences, to ensure completion before the close of their semester.**

Could the students immediately access the data upon project commencement? If your data requires additional World Bank credentials to gain access, could you commit to helping the student gain the necessary credentials within 10-days of the start of the project? Are there other uncertainties around data access that the program should be aware of?

*

e.g., If the project requires student access to data not owned by the World Bank, students may need to be hired as non-fee STCs.

not at the movement.

16. Would the team be able to provide a sample of data if the project is preselected? *

☒ Yes

☐ No

☐ Other

17. What is the ultimate goal of this project? Is it more about finding interesting insights from the data, or is it more about making accurate predictions, or something else? Does the data have the essential information (important features and/or labels) to accomplish this goal? *

building a well functioning transport model

18. Any additional comments or links to further information? *

NA