Call for Expression of Interest:
Data analyst to assist with updating WHO household energy database to support SDG 7 reporting

BACKGROUND AND OBJECTIVES

WHO’s Air Quality and Health team in the Environment, Climate Change Health Department of WHO Headquarters (Geneva, Switzerland) is leading the global monitoring of energy access and its health impacts, particularly for households energy use. As part of its role as custodial agency of the Sustainable Development Goal (SDG) indicators on energy access, as well as its commitment under the Sustainable Energy for All Initiative, WHO must annually update these databases with new survey data and provide a set of related descriptive statistics for reporting and technical briefings. The objective of the current agreement for performance of work is to identify and extract survey data related to energy access and health, support the preparation of annual estimates for access to clean fuels and technologies and related reports.

CONCISE OUTPUTS

1. In accordance with the survey search protocol established by WHO, identify surveys reporting nationally representative statistics on household energy use. Extract this data and add to WHO Household energy database.
2. Support the preparation of the WHO Household energy database for statistical modelling needed for SDG 7 reporting.
3. Support the dissemination of the WHO Household energy database in response to formal requests.

DELIVERABLES

1. Follow search protocol developed by WHO, search for new survey data on cooking, heating, lighting, and fuel collection, prioritizing national census and survey data.
2. Using WHO protocol, extract relevant data for inclusion within the WHO Household energy database, and enter this data into the database. Share database with WHO Technical Officer regularly to track progress. Also add information on search results into supplementary database to record search attempts and data location.
3. Assist with contacting National Statistical Offices if needed to obtain data for countries for which WHO is missing data on household energy access), to see if data points related to household energy use are available for use by WHO and any related clearance of SDG 7 annual estimates of clean cooking.
4. Prepare WHO Household energy database into format for sharing with external partners and for SDG 7 reporting. This includes verifying outliers and responding to queries of the modelling team.
5. Participate in the SDG 7 Custodial Agency coordination calls about the SDG Tracking Progress report partner calls, occurring typically once a month.
6. Support related data needs, and coordination for household energy and health issues, e.g. reviewing burden of disease estimates

EDUCATIONAL QUALIFICATIONS, PROFESSIONAL EXPERTISE AND KEY SKILLS REQUIRED

A minimum of three years’ experience working with data management of large datasets, ideally with nationally representative survey data. Working knowledge of data analysis programs such as STATA or R, including with writing code for extracting and processing data. Proficiency in Microsoft Excel.

Background in public health, and/or biostatistics/statistics.

Solid understanding of the health impacts of household energy use is an asset.

Language: expert knowledge of English. Knowledge of other UN languages is a plus.

TIMELINE

Seeking a candidate for a 2.5 months (50 days) full time position expected to start 15 October 2021 and end by 31 December 2021, with possibility of extension. This position will be conducted remotely. The position will be filled using the following contract type: Agreement for a Performance of Work (APW) and remuneration will be based on experience.

Interested candidates are requested to send their CV and a brief expression of interest to sdg7@who.int as soon as possible and no later than 29 September, 2021. Please include in subject line: Data Analyst EOI