

## Developing a Transportation Data Hub for Ghana: A Conceptual Framework

Ing. Dan Seedah

From: Emma

1. Where are all these data stored and how do startups get hold of this.

**Response from Dan:** The data is currently stored on a privately owned server and temporarily accessible at <https://gtdatahub.com/>

From: E K Debrah

2. Many traffic data has been collected by various agencies (DUR, GHA, MRH, etc.) for various purposes (projects and programmes). Can we try retrieving as much as practicable and digitizing them for consolidating into a database for the proposed data hub?

**Response from Dan:** This is possible and requires significant effort and investment. We can discuss it further.

From: Margaret Akofio-Sawah

3. Can you speak to your strategies for ensuring or managing data quality?

**Response from Dan:** Data quality in this case can be ensured through collaboration with Subject Matter Experts who will QC the data for anomalies and errors.

From: Abigail Osei-Asamoah

4. Can you talk about your data sources to create the data hubs and the level of effort to collate the data. Also any interests in developing "Big Data" for Ghana through your hub?

**Response from Dan:** There is a lot of desire to develop a big data hub for Ghana. However, this effort will require significant effort and investment. We can discuss it further.

From: Benjamin McApuseyine

5. Often, resources are used in gathering data. Pls, how do you intend to provide quality and affordable or free data for all?

**Response from Dan:** Depending on the use cases, free data should be made available for research purposes, and paid licensed data for consultancy work.

The **Ghana Infrastructure Conference (GIC 2020) Virtual Edition** was organized by the Ghana Transportation Professionals (GTPF - <http://gtpf.org/>), ACE -Regional Transport Research and Education Centre Kumasi (TRECK - <https://treck.knust.edu.gh/>) and the Ghana Institution of Engineering (GhIE - <https://ghie.org.gh/>) in partnership with the following ministries of the Republic of Ghana – Aviation, Transport, Roads & Highways, Railways Development



### Comments

- Abigail Osei-Asamoah- Very impressive stuff Dan. If we could build freight data like Transearch or FAF for Ghana or even West Africa, that will be amazing stuff
- Emma : This absolutely fantastic, this should be funded by the government
- Kwaku Boakye: Wow... so great! We need the data! Let's invest so we can improve the quality of life.
- Benjamin McApuseyine: Wonderful initiative @Daniel. Hope to see this in Ghana soon.
- Bertha Johnson: It's awesome how much data and information we have received on this platform from Tuesday. How do we consolidate all that and where else we can find more. Let's all collaborate by joining any of the technical committees. There's much we can achieve together.

**Response from Dan:** Thank you for your kind compliments!

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