

White Paper Series / Technical Committees

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Ghana Infrastructure Conference 2020





Infrastructure Advancements

Ghana continues to make strides in its transportation infrastructure development through significant investments in the road, rail, aviation, and marine sectors.

There still exists opportunities for continued investment in Ghana's transportation infrastructure for sustainable and long-term development.



Infrastructure Development Challenges

- Standardization of infrastructure design and construction codes
- Lack of continuous monitoring of investments
- Insufficient preventive maintenance activities
- Inadequate data for decision-making



Objective of the White Paper Series Technical Committees

To bring together professionals and expertise in 10 overarching subject areas:

- **Traffic Operations and Safety**
(engineering, enforcement, education, evaluation, pedestrian crossings, ITS)
- **Asset Management**
(pavement monitoring, signs, markings, work zones, human resource management)
- **Emerging Technologies**
(autonomous vehicles, vehicle-to-infrastructure communication, big data, smart work zones)
- **Trade and Economics**
(freight and commodity flows, marine ports, freight rail, air cargo)
- **Public Transportation, Bike and Pedestrian Facilities**
(alternative modes of transport, rideshare, BRT, passenger rail, passenger air)
- **Roadway and Pavement Design**
(highway standards, maintenance, materials, roadside safety, drainage design)
- **Bridge and Structures**
(structural planning, geotechnical, design, review, construction, inspection, tunneling)
- **Planning, Policy, and Right-of-Way**
(advanced planning, legislation, transport policy, right-of-way encroachment)
- **Environment and Energy**
(energy use, emissions, persons-with-disability, work zones)
- **Financing and Toll Operations**
(funding sources, funding allocation, alternative financing methods)



Objective of the White Paper Series Technical Committees (continued)

Committees will address the following questions:

1. What is the current state of practice of the subject area in Ghana?
2. How do we compare to the rest of the world?
3. Who or which entities are responsible for overseeing the subject area?
4. What resources (manuals, guidelines, data) currently exists for the subject area?
5. What are the existing needs and how do we go about fulfilling those needs?



Format

1. Committee membership sign up during GIC 2020 Virtual Edition
1. Committee leads selection during GIC 2020
1. Monthly 1-2 hour speed sessions via webinar until White Paper is completed by each committee



Getting Started

Sign-up form: <https://forms.gle/72ovXpLzA8CdA6zw9>