



Transport Developments in Ghana

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Overview

Highlights from:

◀ Roads



◀ Rail



◀ Maritime



◀ Aviation



Development in Road Transportation

- ◀ Total road length under the jurisdiction of the three main road agencies: 66,200km
- ◀ GHA Trunk Roads: 11,628 km
- ◀ DFR Feeder Roads: 42,192 km
- ◀ DUR Urban Roads: 12,400 km

Source: Ministry of Finance and Economic Planning Consultative Group Meeting, 19 June 2012.



BURKINA FASO



- LEGEND
- International Boundary
 - Regional Boundary
 - Road
 - Water
 - Port
 - Sea port
 - Water port
 - National Road
 - Inter-regional Road
 - Regional Road
 - Line Road - National Rd
 - Line Road - Inter-regional Rd
 - Line Road - Regional Rd
 - Blue & Red Lines of Lake Volta
 - Yellow Lines of Lake Volta
 - Green & Red Lines of Lake Volta
 - Green & Red Lines of Lake Volta

Roads

← Highway Network Master Plan 2001-2020

- ← Socio-economic framework and Environmental Considerations
- ← Current Road Network and Transport System
- ← Traffic Demand Forecast and Highway Network Development Planning
- ← Organization and Human Resources Development Planning

← Urban Transport Plans

- ← Metropolitan and Municipal District Assemblies
 - ← Kumasi , Accra, Tema, Sekondi-Takoradi, Tamale and Koforidua
 - ← Bus Rapid Transit (BRT)
- ← Accra and Kumasi



Results of the Accra Traffic Study

- ← Population growth and increasing rates of car ownership
 - expected to increase the nr. of cars in GAMA,
 - from 181,000 cars in 2004 to over 1 million in 2023.
- ← 84% of passenger trips are made by public transport.
- ← Over half (56%) of daily passengers carried by trotros
- ← 15% of daily passengers carried by taxi.
- ← Approx. 1 million passenger-trips daily in/out of Central Accra use trotros and taxis.
- ← Vehicle occupancy in Accra:
 - Trotros: 13 people
 - Taxis - 2.3



Safety of Road Transport



- ← **Nearly 2,000 fatalities**
- ← **Over 10,000 injuries**
- ← **Over USD 230million cost to nation**
- ← **Urgently needed:**
 - Serious data interrogation system
 - Crash mitigation plan
 - Enforcement and education
- ← **NRSC has developed operational and road safety guidelines for:**
 - road transport commercial passenger service providers,
 - political parties
 - religious bodies.



Registrations and Inspections

← **The Driver & Vehicle Licensing Authority (DVLA)**

- Has embarked upon a massive automation of its operations
- Launched the Computer- Based Driving Theory Test System (March 2012)

← **Privatizing inspections**

← **Great initiatives! But we need more than these !!!**



Vehicle Registration Trends

SUMMARY OF VEHICLES REGISTERED BY REGION AND DISTRICT

REGION/ DISTRICT	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	AUG. 2012	TOTAL
ACCRA	17662	130331	19773	18144	24713	23021	18092	20884	19136	21458	24884	31269	41593	48410	41364	41442	48930	34543	625649
TEMA	7200	22048	9601	13646	17002	13400	9001	9353	13654	15639	15338	13161	16924	17166	14834	16827	23849	20484	269127
KUMASI	5969	41278	8686	9391	11324	7762	6425	5936	5739	7845	8960	11481	11537	12119	11569	11553	15373	14854	207801
T'DI	3516	8791	1738	1896	2923	2301	1344	1551	1544	1641	2161	2180	2534	2706	2706	2870	3971	4449	50822
S'YI	1218	9300	1275	1674	1875	1143	774	1150	826	1566	1757	3673	2233	2063	2131	2245	3511	1895	40309
K'DUA	2654	12427	2015	1613	2016	1704	1317	1286	624	827	821	1267	1522	1544	1315	1356	2155	2551	39014
C/COAST	1876	4601	1102	1790	1083	806	783	739	408	801	790	956	1259	1539	1350	1223	1968	1915	24989
HO	560	2773	933	520	612	353	292	166	224	366	685	880	1256	1683	2084	2650	3703	3963	23703
TAMALE	430	7505	3036	1278	1294	881	1037	904	2484	3879	3209	2824	2510	4536	5456	7280	9559	7003	65105
BOLGA	507	1532	608	553	404	469	404	461	916	1645	2489	3060	4416	4812	3637	4996	8953	8324	48186
WA	385	2765	679	247	239	171	82	96	746	1949	1685	2384	2924	3236	4222	5141	8538	8086	43575
OBUASI	999	4272	2447	879	1266	870	463	731	1773	1932	1640	1112	1620	1684	1490	1597	4094	4065	32934
WEIJA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2840	3150	6625	8366	20981
T'MAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	590	1434	2024
TOTAL	42976	247623	51893	51631	64751	52881	40014	43257	48074	59548	64419	74247	90328	101498	94998	102330	141819	121932	1494219

Anticipated investments in the road sector

Planned budget for 2013-2015 by MRH:

- Ghs2billion



Developments in Rail Transportation

← Railway network = 1,300km.

Source: Ministry of Finance & Economic Planning Consultative Group Meeting, 19 June 2012.

← Development of a Railway Master Plan for Ghana

- *Team Engineering Spa* of Italy procured for this

← Ghana Railway Company Ltd

- Procurement of new high-capacity mineral wagons
- Training of staff to improve operations



Rail (2)

- ← Continuing rehabilitation of the Accra-Tema line
- ← Reconstruction of railway lines
 - Takoradi-Kumasi
 - Sekondi-Takoradi
- ← Study for Safety Operations and Management of Railways in Ghana
 - JICA sponsored study
 - Dated March 2012



Development in Maritime Transportation

- ← Development of coastal landing sites (with China Harbour Engineering Company (CHEC))
- ← Takoradi Harbour retrofitting (with Jan De Nul/KBC Bank)
- ← Acquisition of facilities
 - Tug Boat,
 - Security and Rescue Patrol Boat, and
 - Pilot launch to assist in security surveillance of vessels.
- ← CCTV systems installed Tema Port control room.



Maritime (2)

- ← Vessel Traffic Management & Information System (VTMIS)
 - Implemented by Ghana Navy & Ghana Maritime Authority
- ← Legislation in support of oil and gas exploitation include:
 - ← Ghana Maritime Security (Amendment) Act, 2011 (Act 824)
 - ← Ghana Shipping (Protection of Offshore operations and Assets) Regulations, 2012, LI 2010.
- ← A Marine Pollution Bill currently being considered by Parliament for enactment.



Maritime (3)

- ← Eastern Corridor Multi-Modal Transport Project (ECMMTP)
- ← Shipper Complaint and Support Units (SCSU)
 - Established at various entry points by Ghana Shippers' Authority.
- ← National Maritime Search and Rescue (SAR) Coordinating Centre; established at Tema



Developments in the Air Transportation Mode

- ← Implementation of the “liberalized skies” policy.
- ← Increase in passenger throughput
 - January to July (2012)
 - Increased by 11.6% (international)
 - Increased by 195.4% (domestic).
- ← Kotoka International Airport and Takoradi Airport:
 - Upgrade of facilities and infrastructure
- ← Tamale Airport: Upgrade to international status
- ← Developing airport masterplans



Aviation (2)

- ← Facilitating travel to mining areas:
 - Upgrade of aerodromes at Obuasi (Ashanti Region) and Chirone (Western Region)
 - Construction of helipads at Newmont (Brong Ahafo Region) and Perseus (Western Region)
- ← Installation of various pieces of communications equipment
- ← A new **Airport Authority Bill** is being processed to Parliament



Aviation (3)

- ← A number of awards, including: “Best Airport in Africa” for the second time at the Routes Africa Airport Marketing Awards
- ← Plans for rebirth of Ghana Civil Aviation Training Academy
- ← Airport Master Plan



Sector Challenges

- ← Financing for infrastructure development and services.
- ← Facilities require modernization and expansion.
- ← Inadequate regulations
- ← Lack of titles to lands
- ← Encroachments



Challenges (continued)

- ◀ Inadequate human resources
- ◀ No critical mass in terms of transportation professionals
- ◀ The big question is:
 - How can we harness your skills and knowledge to generate a massive transformation?
- ◀ “Nobody will pamper you but you have to be nationalistic”
- ◀ The South Korean model. Is it the way to go?



Starting in small ways to make massive impacts

- ← Ghana Transportation Professionals Forum: A welcome start
- ← Starting a "Ghana TRB" in Ghana. Platform for you to keep the R&D spirit and to channel your skills and knowledge.
- ← Recognize that nobody will spoon feed us.
- ← We need an INTENTIONAL DECISION TO GO AGAINST THE ODDS TO transform our country.
- ← Next, a serious engagement with the president of the republic on an intentional national infrastructure plan and a consequential massive recruitment of Ghanaian professionals overseas.
- ← No spoon feeding? My testimony.





The End

