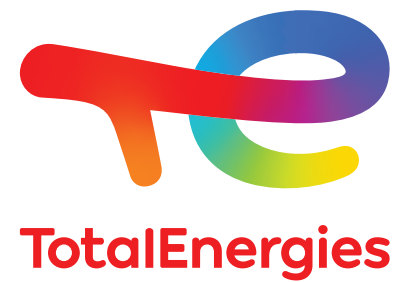


Let's Talk!

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ROAD SAFETY IN UGANDA

Let's Talk! provides information to Civil Society Organisations (CSOs) and Non-Government Organisations (NGOs) on thematic topics relating to the Oil & Gas industry. In this latest edition, we will focus on Road Safety for the Tilenga Project and beyond.

Safety is a core value for TotalEnergies EP Uganda, one that is embedded in all our processes, helping to ensure a long-term sustainable business. Globally, TotalEnergies trucks cover in excess of 700 million kilometers every year, with the group supplying fuel to approximately 4 million road users every day. With close proximity to vehicles and road transport, TotalEnergies EP Uganda has put in place rigorous processes aimed at providing guidance and standards for improving and sustaining road safety. We aim to be a benchmark for road safety standards and expectations within Uganda.

We would love to hear from you. Share your feedback, comments and questions with us at:

ep-ngo-human-rights-ugep@totalenergies.com

**Stay safe
Stay alive!**

TotalEnergies EP Road Safety Initiative

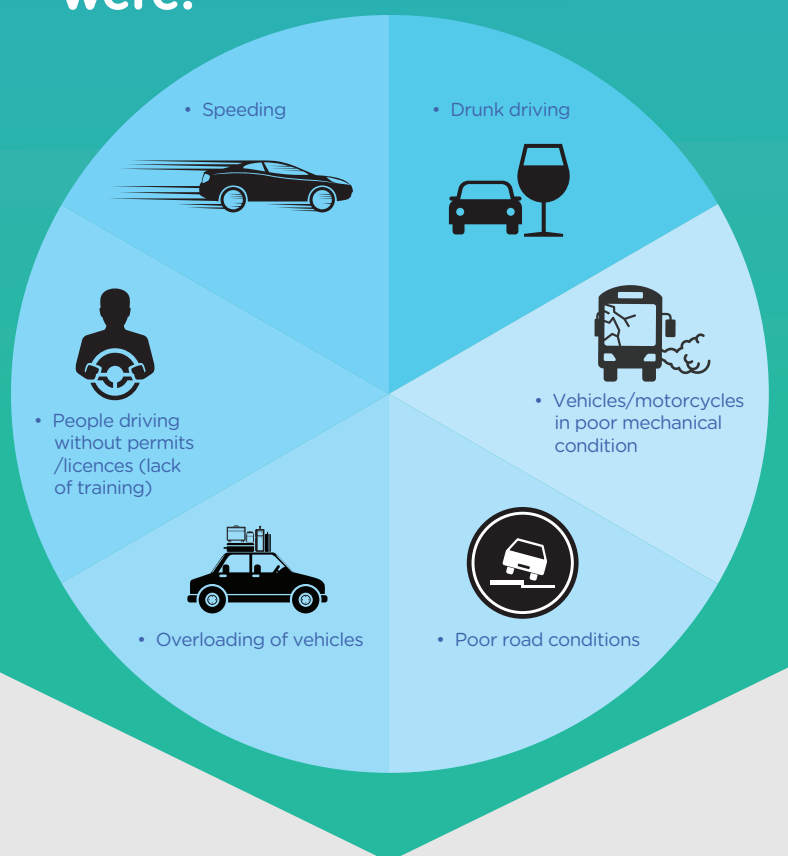
Why TotalEnergies, Tilenga & Road Safety?

While road safety could be regarded by some as lower priority than other industrial safety issues, road accidents are the greatest cause globally of fatalities for workers and community members, particularly for children and young adults.

Uganda is no exception, surveys have shown that road safety and driving standards in Uganda and especially in the outskirts of the cities are poor, and enforcement of road and vehicle safety laws is weak.



A 2016 baseline survey of the area impacted by the Tilenga Project showed the main causes of accidents were:



With the mix of road types in the Albertine area, it has been shown that there is a higher accident rate on tarmacked roads, mainly due to over speeding.

!! Children and young people are especially vulnerable due to lower road safety awareness and the greater amount of time they spend on local roads!!

The construction phase of the Tilenga Project is accompanied by improvements in the road infrastructure of the area. There is therefore expected to be a consequent significant increase in road traffic in local communities. Stakeholders have raised concerns that this increased level of road traffic may lead to more accidents.

UNICEF and other UN agencies have done work to raise awareness regarding road safety as an important children's rights issue. TotalEnergies EP Uganda is committed to building on these efforts to support effective and sustainable solutions for safer roads.

Procedures & Vehicle Requirements

TotalEnergies has implemented a series of rules and plans, cascading from HQ Company level, through country level to specific Tilenga Project rules. At national Ugandan level, two plans are key:

- Tilenga Project Transport Management Plan
- TEPU Community Road Safety Management Plan

Together, these make up our “Road Safety Management System”.

Community Road Safety Management Plan	Transport Management Plan
<p>Vehicles</p> <ul style="list-style-type: none"> • Setting the minimum standard for company vehicles (cars, light vehicles & Heavy Goods Vehicle's) • Includes mandatory additional safety features required for all company vehicles e.g. In-Vehicle Monitoring System) to ensure adherence to journey plans and speed limits • Vehicle pre-mobilisation inspection to ensure vehicles remain fit-for-service. 	<p>National driver training</p> <ul style="list-style-type: none"> • Provision of driver training through the TotalEnergies Foundation • Advanced training for company drivers • Additional training for Ugandan Heavy Goods Vehicle drivers
<p>Journey Management</p> <ul style="list-style-type: none"> • Development of journey plans for all travel including relevant risk assessments • Vehicle compliance inspections • Maximum speed enforcement • Management and control of driving periods and frequency 	<p>Road Safety Awareness</p> <ul style="list-style-type: none"> • Road safety awareness sessions in schools, through “train-the-teacher” initiatives • Roll-out of “direct-to-pupils” road safety awareness in schools in the Buliisa district
<p>Driver Qualifications & Management</p> <ul style="list-style-type: none"> • Driver licence verification • Mandatory additional driver training for both light vehicles and heavy goods vehicles • Ongoing personnel medical checks • Suitable dynamic risk assessment awareness training 	<p>Emergency Response</p> <ul style="list-style-type: none"> • Development of emergency response and management capabilities <p>Continuous Learning</p> <ul style="list-style-type: none"> • Instigate a full “Return of Experience” programme to ensure lessons learned are incorporated and plans updated to reflect learnings

Road Surveys

Road surveys are regularly carried by TotalEnergies EP Uganda out to ascertain road conditions including road markings and signage. Engagements with the Ugandan National Road Authority (UNRA) also take place to ensure the road infrastructure mitigates the associated risks identified on the roads serving the project area.

Compliant vehicles are identified with a unique sticker below;



Community Sensitisation



Interview with John-Titus Othieno, Community Liaison Officer.

“Since April we have been carrying out road safety sensitisation in the community, including about 10 villages in the North and 60 in the South Nile. This is in addition to the campaign we have carried out in local secondary and primary schools. Road safety awareness is a priority in the Buliisa area at the moment.

UNRA has done a lot of work tarmacking roads which were previously murrum. As a result, cyclists and motorists tend to over-speed. Children can be found playing in the middle of roads and animals sitting, especially on cold mornings when the roads are warm. Cattle keepers also cross the roads with their herd. With more and more traffic coming into the area including heavy vehicles the risks of accidents are potentially high.

We remind communities of the tragedy of road fatalities. An injury on the road to a community member is costly in terms of medical bills, time to pursue economic activities is lost during hospital admission. For a fatal accident, the bread winner in the family is lost forever, leaving the family with devastating psychological trauma.

We explain the need to cross roads at less risky points, to use Zebra Crossings and when on boda-bodas (motorcycles), not to overspeed and to observe good road discipline. We insist that boda-boda riders must make sure they have valid driving permits and road licenses for their vehicles/cycles. We also remind bicycle owners to maintain their bikes, especially brakes, since stopping on tarmac roads can be difficult for those accustomed to using the sand on murrum roads as a sort of braking system! At the moment UNRA is still working on the roads and therefore, in some areas, there is a lack of road signage and road markings, so we inform communities to be particularly vigilant at this time.”

Ugandan schools officially re-opened on 17 January resulting in increased human traffic on all roads around the Tilenga Project area. TotalEnergies decided to carry out a series of road safety awareness initiatives in schools in Buliisa district. 21 schools were visited in March and April 2022 with 14 000 students engaged in joint training given by TEPU’s Land, Transport and Safety Supervisor along with a Community Liaison Officer.



In addition, Road Safety advertisements have been conducted on local radio and recent Community Drives have also focused on Road Safety

TotalEnergies also works with other Stakeholders and the authorities on Road Safety Initiatives. For instance on 10th March 2022, TEPU participated in a Road Safety workshop with PAU, Traffic Police, Ministry of Works and Transport, UNRA and CNOOC. Actions included:

- i. Constitute a Technical Working Group/Team involving technical representatives
- ii. Establish a coordinating office for road safety
- iii. Organise a consultative meeting on the review of traffic and road safety legal framework
- iv. Revise National Roads Action Plan to prioritize road safety in districts hosting Oil and Gas operations



A Driver's View!

Drivers engaged on TotalEnergies business, whether directly for the company or through contract companies, are expected to adhere to strict driver behaviour, exemplify safe driving practices and acting as role models for other drivers.

All TotalEnergies EP Uganda and respective contractor drivers shall:

- Pass specific medical examination tailored for drivers
- Consent to routine alcohol and drug tests
- Pass an additional defensive driving course, over and above their normal driving licence
- Drivers of Heavier Goods Vehicles e.g. trucks, shall also be required to attend and pass the "Safe Way Right Way" professional driving course, set-up in conjunction with several NGOs to train and license HGV to the East African Community standard
- Adhere to all company mandated speed limits, monitored by the IVMS system.

In order to reduce the potential severity of an accident, or avoid it altogether, all TotalEnergies EP Uganda vehicles are installed with In-Vehicle Monitoring systems to track the driving performance with keen monitoring on the respect for speed limits. Maximum speeds are equal to or lower than the national legal maximum, depending on the road type and location, as shown opposite.



DRIVING GOLDEN RULES

1. ONLY authorized drivers are allowed to drive Vehicles
2. Alcohol and drug use is strictly forbidden
3. Seat belts must be worn by all vehicle occupants
4. Smoking inside the vehicle is prohibited
5. Use of telephones and hands-free devices while driving is forbidden
6. Speed limits must be strictly observed with respect to speed limits posted on Public Roads
 - 100km/h – Tarmac Roads and Highways
 - 60km/h – Marram roads outside blocks with no settlements along the road
 - 50km/h – In town centers and Kampala town
 - 40km/h – In Murchison National park and game park reserves
 - 30km/h – within village trading center's
 - 10km/h – Inside enclosed sites (camps, drilling pads, office parking areas)
7. Pre-trip vehicle inspections are mandatory
8. Reverse parking is mandatory for all Vehicles
9. All incidents and accidents must be reported immediately
10. Exemplary driving behavior for all authorized drivers is a MUST

Failure to comply with these rules will lead to disciplinary action

Emergency Contacts

Uganda Police 999/112
TILENGA SITE RSES 0760 888 181
TEPU ODO 0760 888 080 / 0772 790 410
TEPU CONTROL ROOM 0760 888 133

What is IVMS?

IVMS is a system used to monitor vehicles and driving performance. It is used for tracking speed, hours driven, real time location, unique driver identification, on-board cameras etc. In case of an accident IVMS can be used to examine behaviour, verify compliance with rules and to establish lessons learned.

CSR Initiatives

VIA: Road Safety at Heart

TotalEnergies has partnered with Global Road Safety Partnership (GRSP) and Safe Way Right Way (SWRW) to implement VIA – a road safety and mobility program in primary and secondary schools in Uganda.

Since March 2022, this programme is being rolled out in the Albertine region (Buliisa, Nwoya, Hoima, Kikuube) and Kampala under the theme; “Road Safety at Heart”. “Train the Teacher” sessions have begun, involving training school teachers to present awareness and road safety sensitisation sessions to their students. The classroom sessions consist of discovery of road safety in a simple way and practical sessions to demonstrate the acquired knowledge. The target in 2022 is to cover 100 schools and around 38,000 students.



“Safe Way Right Way” driver education and training programme

A first in Uganda, developed in consultation with the country’s authorities, to help underpin our campaign to set minimum standards for driver education and vehicle technical requirements. The programme includes:

- Heavy Goods Vehicle Driver training aimed at ensuring HGV drivers are trained and licensed according to the East African Community standards
- Significant co-operation with the Ugandan Police on various initiatives, including speed management and enforcement, where TEPU have donated “speed guns” to support speed enforcement along the Southern Corridor

Future initiatives include launching pilot schemes for emergency response hotlines and ambulance stations, in collaboration with the Ugandan Ministry of Health, working with various government agencies to promote the improvement and maintenance of the conditions of the road networks, and raising awareness of road safety with other user groups e.g. boda boda riders

Other Examples of Road Safety initiatives by TotalEnergies

Speed Limit Instructions South Nile Operation Area

Following the observations of school going children walking in the middle of the roads, speed limits have been restricted to 40kph on specific roads.

Object / Subject: Speed limits instructions South Nile operational area

1. INTRODUCTION

On the roads used for our operations South Nile, we can see a significant increase of:

- Pedestrians (even walking on the middle of the roads) especially since the re-opening of schools.
- Over speeding "boda boda" which are also overloaded (prax & cargo)
- Domestic animals (cows & goats).
- Community members staying on the roads from evening to morning.

2. SPEED LIMIT IMPLEMENTATION

Without waiting the effect of the road safety campaigns, especially in communities & schools, and **until further notice**.

The Tilenga project users are instructed to limit the vehicles speed as per below

Road	UNRA	TILENGA project
R1 (Wanseko - Buliisa - Hoima)	90 km/h	40 km/h between Wanseko & Kisyabi
L1 (Buliisa Bugungu)	TBD	40 km/h
L2 (Wanseko - IA - L1)	70 km/h However, as per last 11th Feb 2022, on the 21.5km L2 road, only 13km are completed & marked 70km/h. The remaining 8.5km are still under construction.	40 km/h

Contractor Initiatives on Road Safety

MOTAENGIL was awarded a contract in 2021 to undertake enabling infrastructure at the Tilenga Industrial Area. As part of their contractual social commitments, they undertook and implemented road safety measures with their internal teams through inductions and regular toolbox talks with the staff and drivers.

In addition, they had embarked on a road safety campaign targeting school children in Q4. This was undertaken when children had not returned to school as a result of the COVID-19 closure.

The key messages were don't play on roads, walk against traffic, don't throw stones at moving vehicles, don't chase vehicles, don't try and touch vehicles.

The key tools utilized included illustrated posters to pass on the messages, selfie frames, and the kids were taken to a road not in use to demonstrate good road usage behaviors.

Road Safety Apps

Smart technology is also being used as a tool to improve road safety. A Vehicles and Driver inspection app has been deployed and used to assist in the inspection of vehicles being used for the project.



Click on the links
below to find out more



Or Visit our Let's Talk Resource Centre at:

<https://corporate.totalenergies.ug/ngos-lets-talk-0>

TotalEnergies Foundation :

<https://foundation.totalenergies.com/en/our-actions/road-safety/all-road-safety>

VIA Road Safety: <https://www.viaroadsafety.com/en>

African Road Safety Observatory:

<https://www.ssatp.org/topics/african-road-safety-observatory>

Automobile Association of Uganda:

<https://www.aau.co.ug/>

Global Road Safety Partnership:

<https://www.grsproadsafety.org/>

World Health Organization:

<https://www.who.int/publications/i/item/9789241565684>

UN Road Safety Fund:

<https://roadsafetyfund.un.org/en>

International Oil & Gas Producers (IOGP):

<https://www.iogp.org/bookstore/product-category/safety/land-transportation/>

Association for Safe International Road Travel:

<https://www.asirt.org/safe-travel/road-safety-facts/>

International Road Federation:

<https://www.irf.global/>

International Automobile Federation:

<https://www.fia.com/3500lives>

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