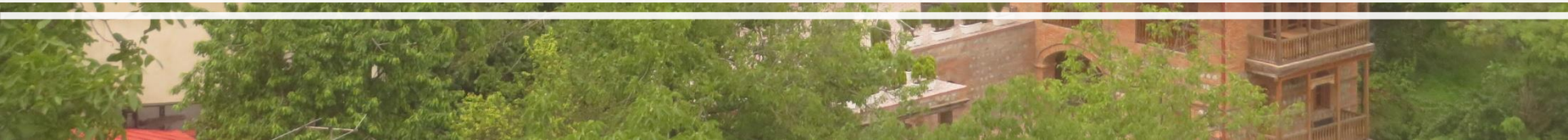




**Summary of the “Elements of Road Safety Engineering” Workshop  
Tbilisi, 15<sup>th</sup> – 18<sup>th</sup> April, 2019**

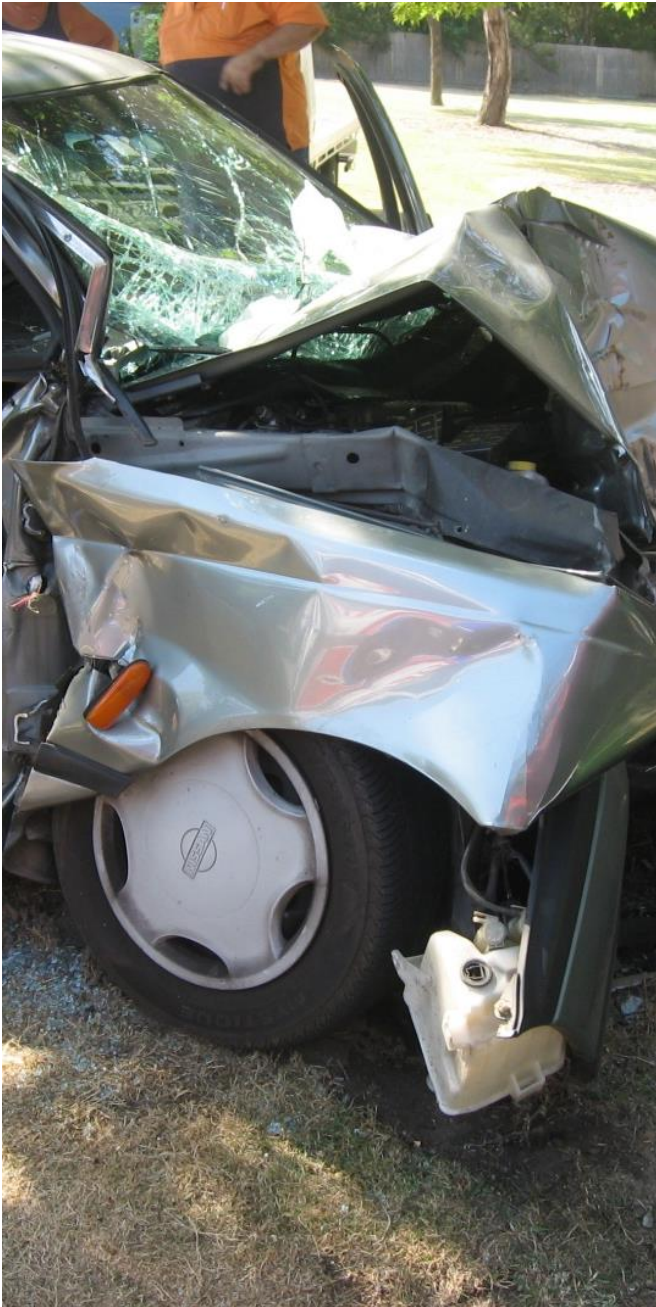






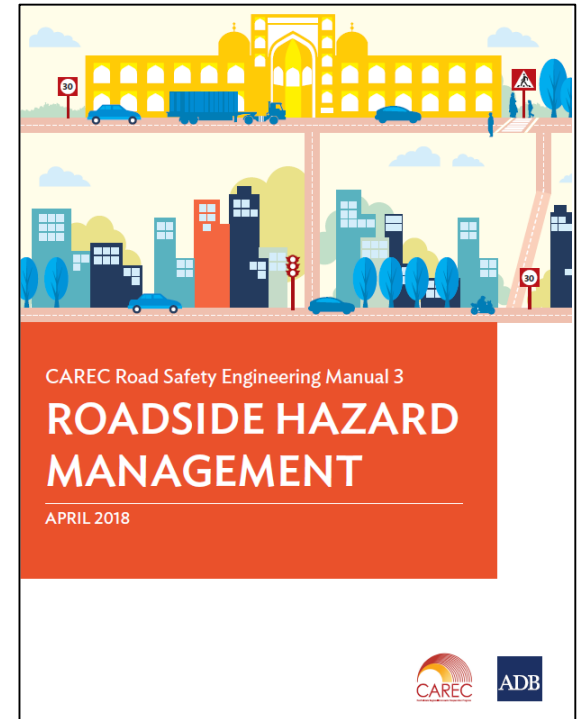
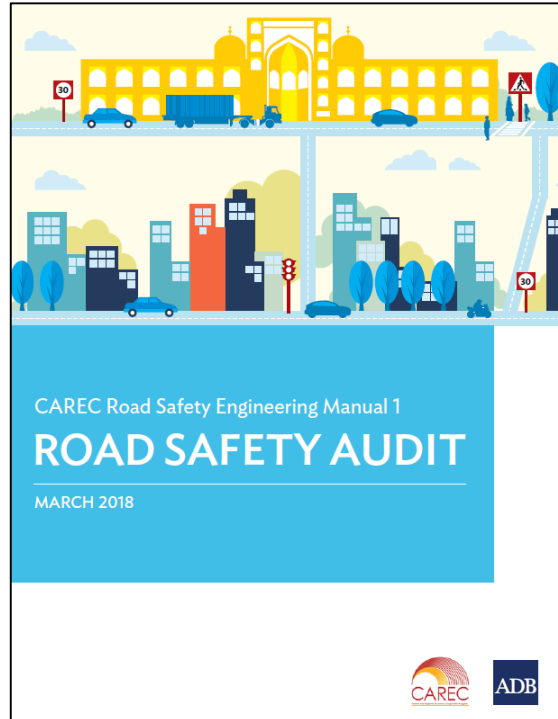
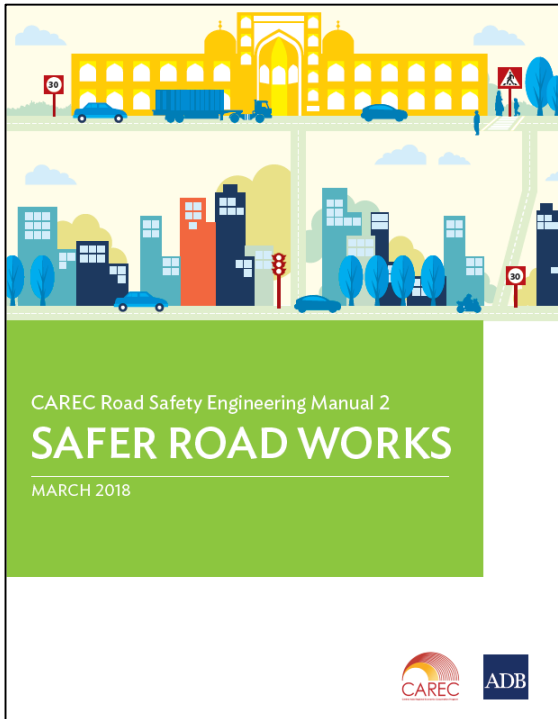
15 participants.  
Great to have you here



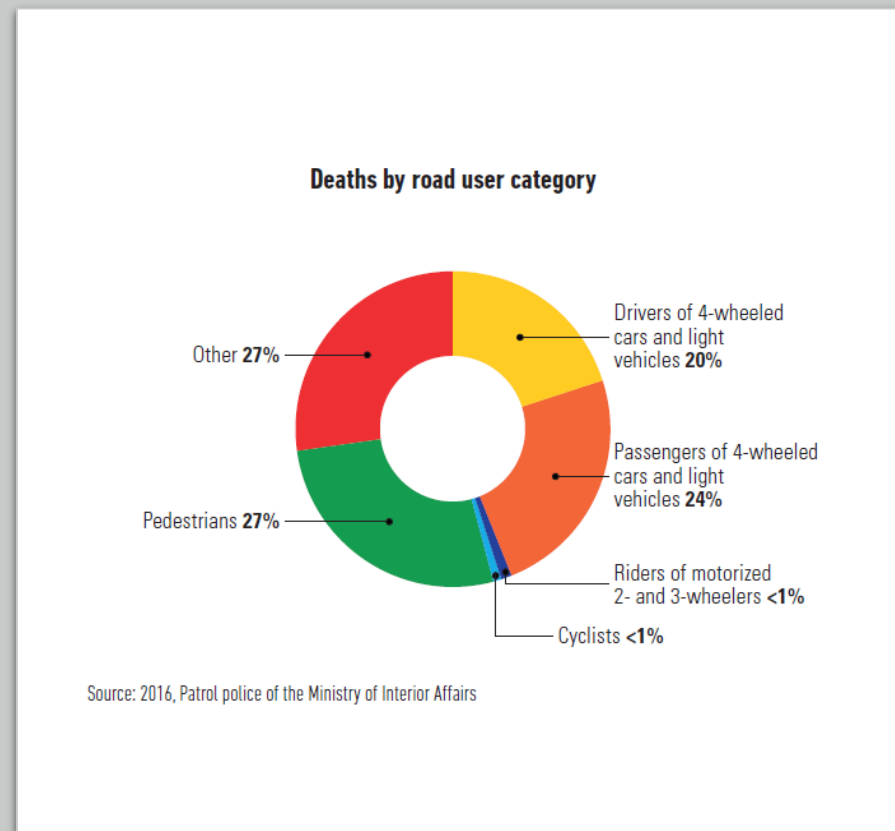


This workshop has focused  
on road safety engineering

---







# GEORGIA



Blackspot investigations are worthwhile. Spend \$1 – save \$4  
The case studies were well done – each team can be pleased with their work.

**Always - put yourselves  
into the shoes of your  
customers!**



## Themes from the workshop

- Roadside hazards kill many people
- A “roadside hazard” is anything bigger than 100mm diameter and fixed
- Clear zone – a useful “starting point”



# A 6-step strategy for Roadside Hazard Management

- 1. Keep vehicles on the road**
- 2. Provide a forgiving roadside**

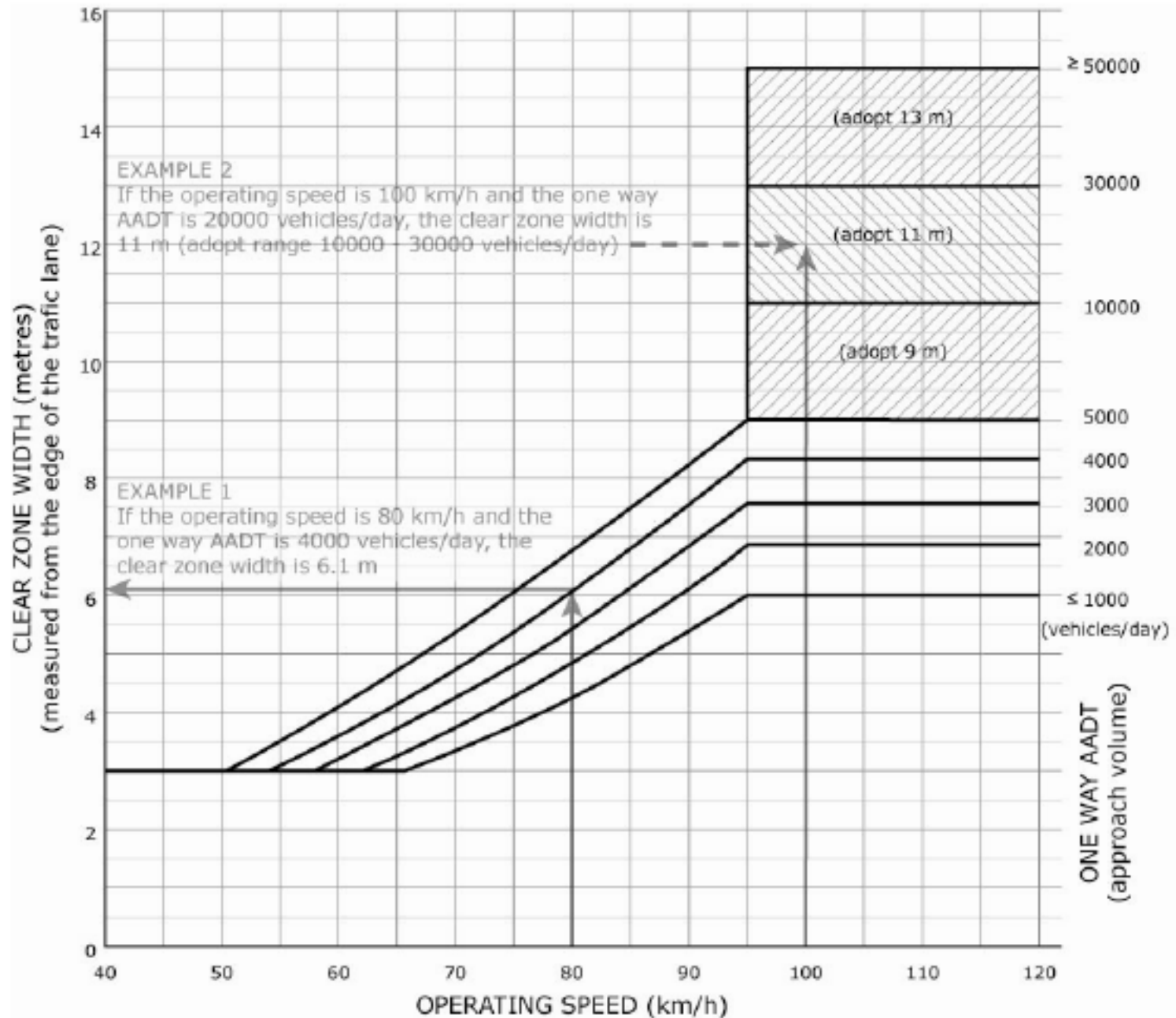


- 2 i. remove the hazard**
- 2 ii. relocate the hazard**
- 2 iii. alter the hazard to reduce severity**
- 2 iv. protect the people with barriers**



# Clear Zone Chart

Figure V4.1: Basic Clear Zone Widths on Straights – All Roads





Pedestrians  
need your  
assistance.  
Don't forget  
them!

Themes from the  
workshop



# Signing Principles – 8 C's

- **Conspicuous** - easily seen
- **Clear** - legible, able to be read in ample time
- **Concise** - as few words as possible
- **Comprehensible** – understood
- **Credible** – believed
- **Consistent** - same placements across the network
- **Compliant** - with standards
- **Correct** – the sign must be correct





# Road Safety Audit

Prevention is  
better than cure





THANKS

Many people have been involved in this workshop – thanks to all.

ADB

CAREC

Ministry of Interior (Traffic Police), all other local Ministries and Departments

Ekaterine

Interpreters ( many!)

Hotel staff

Bus drivers....and others

And special thanks to all of you – you are a great group







When you return to your workplace, think about how road safety engineering may be put to best use for your customers, and how it may add value to your work.

Why?





**BECAUSE..... the world  
needs more road safety  
engineers**

---

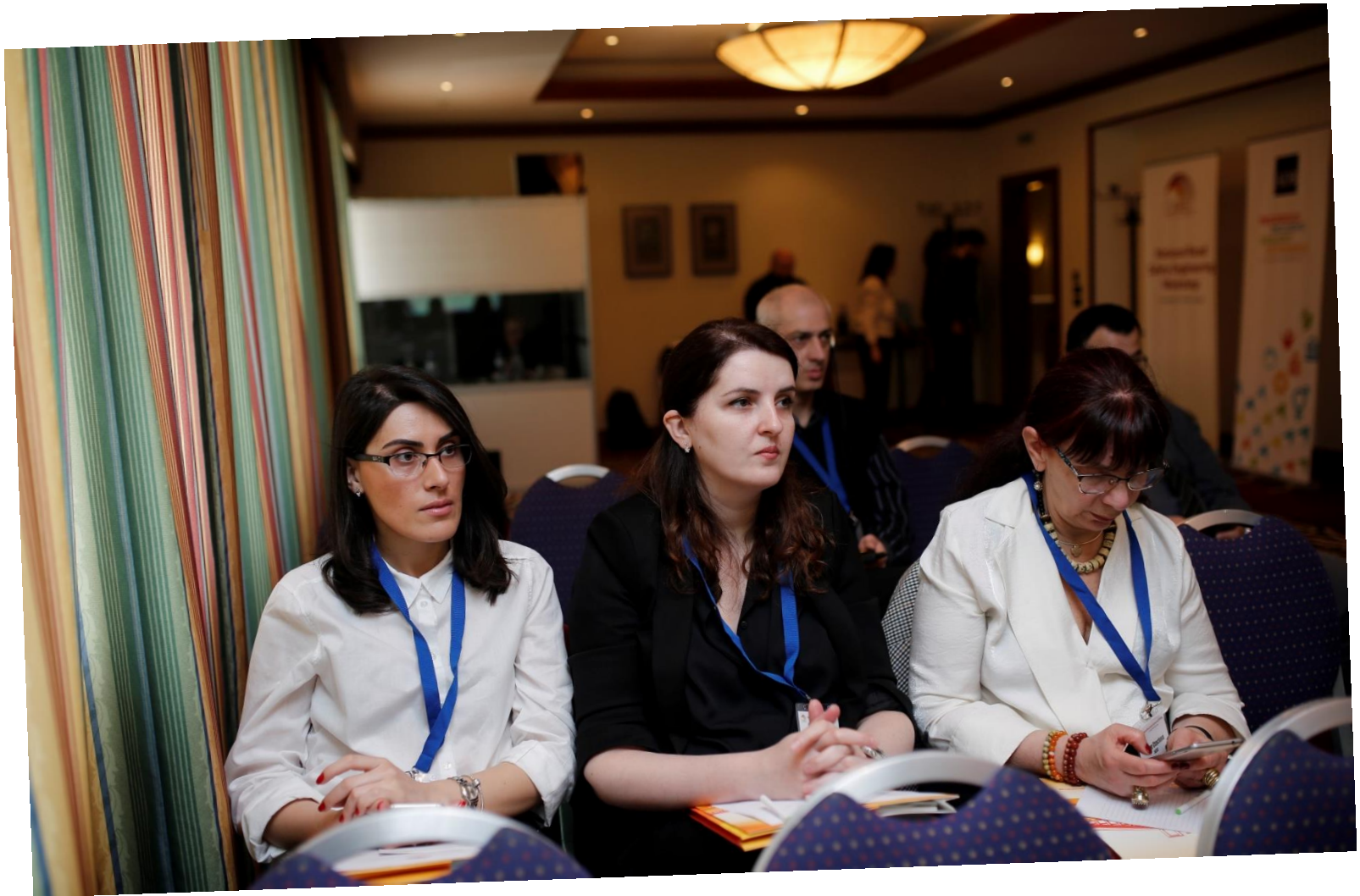




YOU IA







**YOU**



**YOU**





**YOU**



**YOU**







YOU





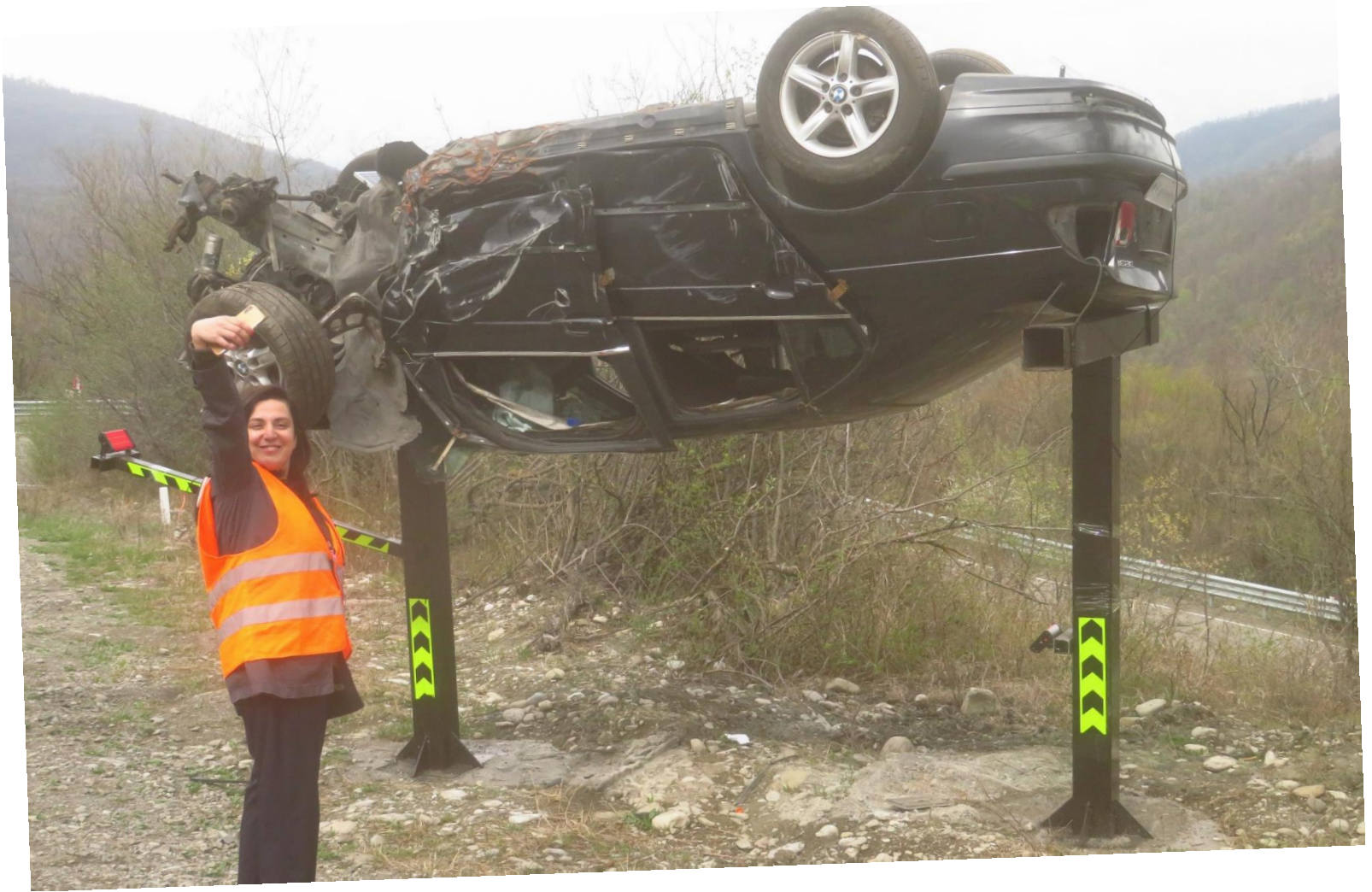
YOU






**YOU**





**YOU**

A man with a beard, wearing a black jacket and a bright orange safety vest with reflective stripes, stands on a paved road. He has a confused expression and is scratching his head with his left hand. A thought bubble above him contains the text "What am I doing here?". To his left, another person in a yellow safety vest is partially visible. The background shows a road curving through a wooded area with bare trees. A red and white striped warning sign is visible on the left side of the road. The entire image is framed with a white, torn-paper-like border.

What am I doing  
here?

**YOU**






**YOU**





**YOU**



A photograph of two men standing on a road, both wearing bright yellow high-visibility safety vests with reflective silver stripes. The vests feature a circular logo on the left chest. The man on the left has a beard and is looking towards the camera. The man on the right is also looking towards the camera. In the background, there is a paved road curving to the right, a line of trees, and a red and white striped sign. A grey thought bubble is positioned in the upper right corner of the image, containing the text "What are we doing here?". The entire image is framed with a white, torn-paper-like border.

What are we  
doing here?

YOU





**YOU**





**YOU JABA**



**YOU**





YOU



**YOU**







**YOU**





**YOU**



**YOU**





**YOU**



**YOU**





**YOU**





**YOU**

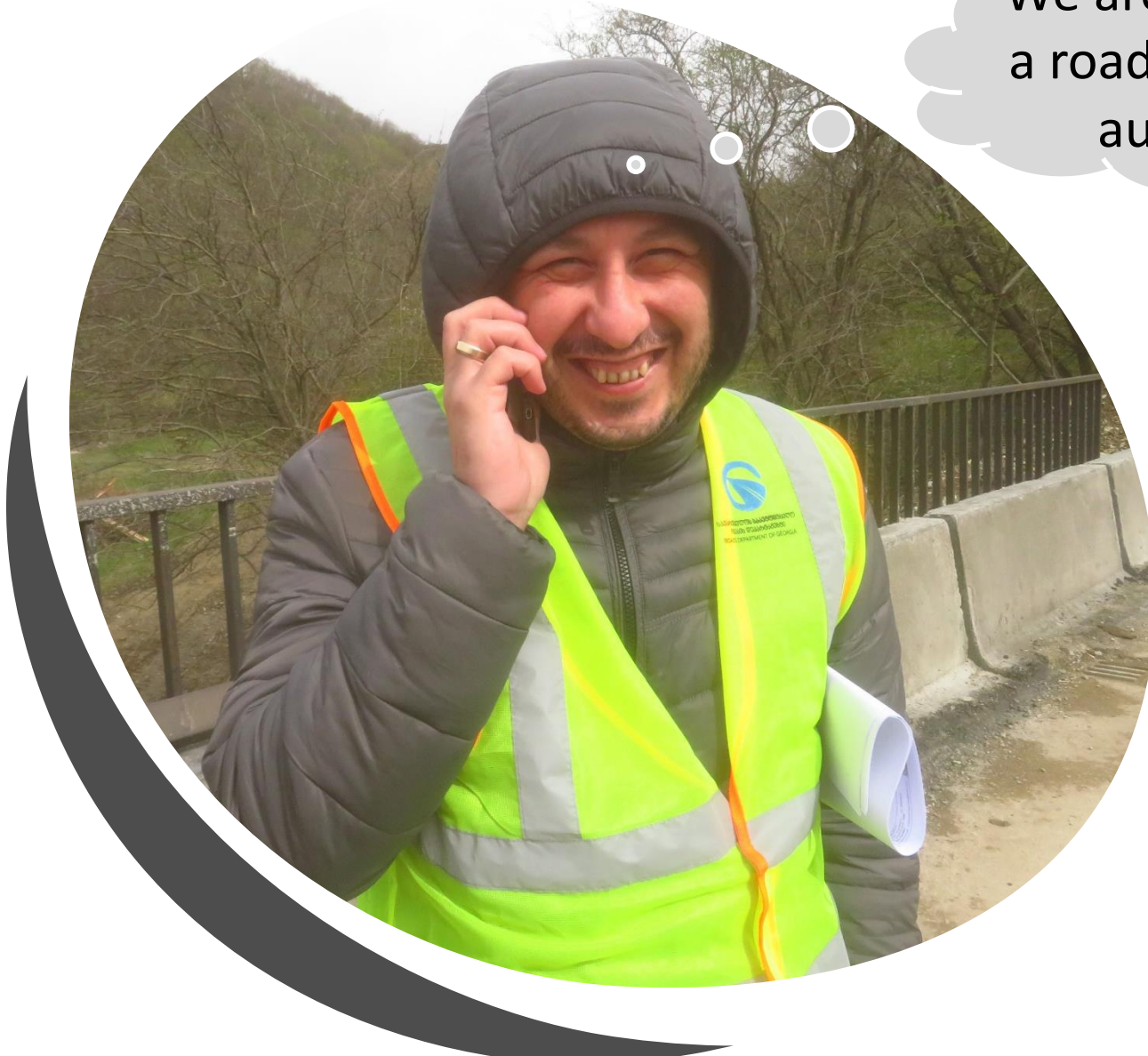


Hello. What are we doing here?



YOU

We are doing  
a road safety  
audit



**YOU**



A road safety audit. Mmmm



**YOU**





YOU





YOU



**YOU**











All of you..... can make a difference to road safety in Georgia, and maybe in other countries



## National Road Safety Engineering Workshop

15–18 April 2019 | Tbilisi, Georgia





**REMEMBER..... the  
world needs more road  
safety engineers**

---

You can save lives on the roads of Georgia







It has been a great pleasure working with you in Tbilisi this week - good luck and best wishes for your future “road safety engineering” work.