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Developing a Citizen AI Street Design Assistant for Road Safety

MSc MADE

AMS
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Take Free AI
Road Safety Assistant
for a spin!

Project by YUNCHING WU

Why does Road Safety Matter?

Road Safety as a Global Challenge

1,190,000

Road traffic death/ year

Why does Road Safety Matter?

Road Safety as a Global Challenge

26.4 sec.

Per road traffic death



Why does Road Safety Matter?

For the benefit of future generations.

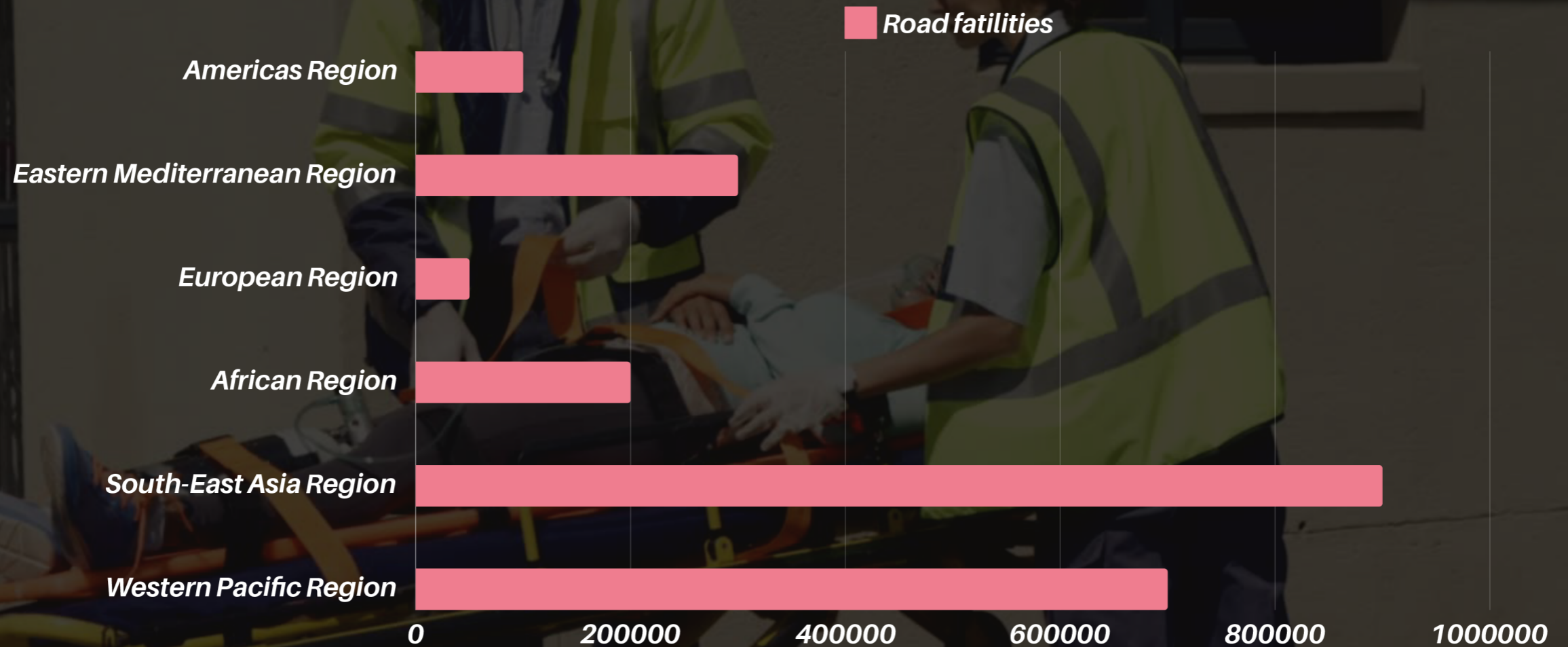
Road injury is a leading cause of death for all age groups, particularly those aged 5 to 29.

(WHO, 2019)

Rank	All Ages	Ages 5-29 Years
1	Ischaemic heart disease	Road Injury
2	Stroke	Tuberculosis
3	Chronic obstructive pulmonary disease	Diarrhoeal diseases
4	Lower respiratory infections	Interpersonal violence
5	Neonatal conditions	Self-harm
6	Trachea, bronchus, lung cancers	HIV/AIDS
7	Alzheimer's disease and other dementias	Lower respiratory infections
8	Diarrhoeal diseases	Maternal conditions
9	Diabetes mellitus	Drowning
10	Kidney diseases	Cirrhosis of the liver
11	Cirrhosis of the liver	Malaria
12	Road injury	Meningitis

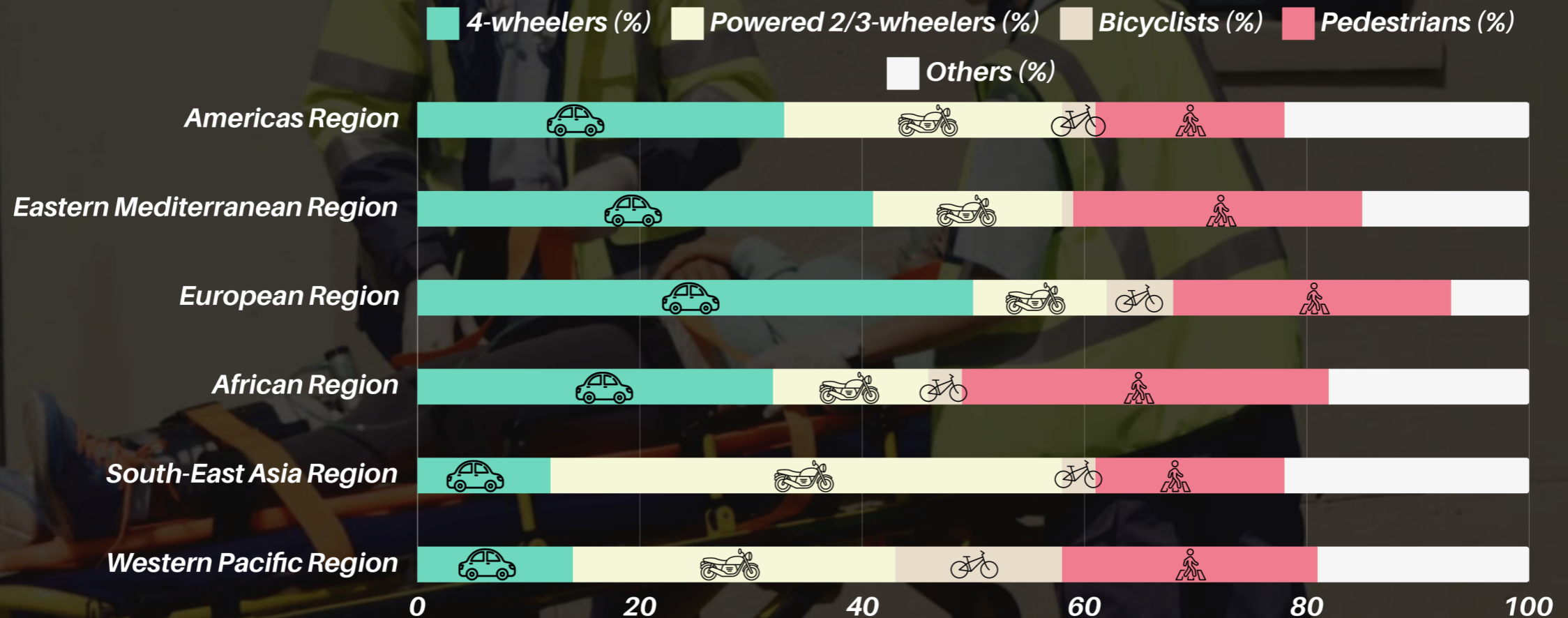
Who is experiencing distress?

Distribution of Road Fatalities by Regions



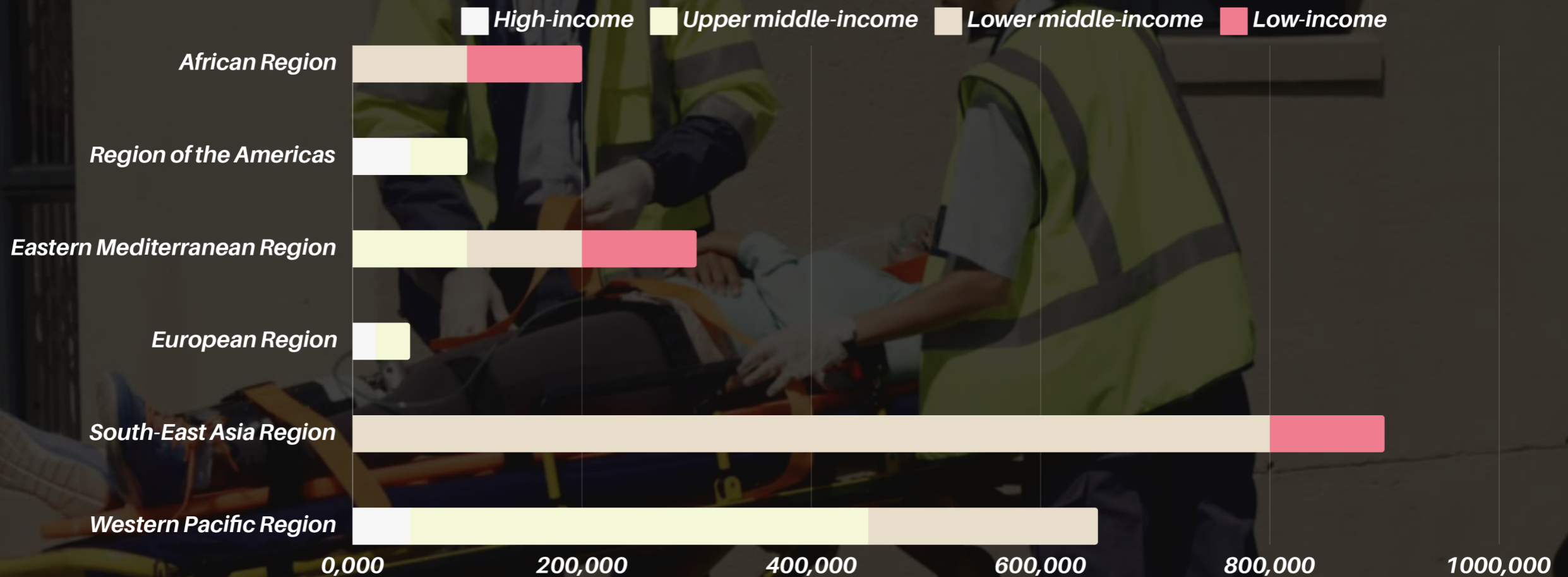
Who is experiencing distress?

Distribution of Road Facilities by User Groups



Who is experiencing distress?

Distribution of Road Fatalities by Income Level Across Regions



See also

Find your hometown's data from the World Health Organization's Road Safety Dashboard.

Global status report on road safety 2023



**World Health
Organization**

A red rose lies on a dark, textured surface, possibly sand or a coarse mat. The rose is in the lower-left quadrant of the image, with its stem and a few green leaves extending towards the upper right. The background is a dark, mottled grey with some lighter, brownish streaks, suggesting a natural or outdoor setting.

“We all come in contact with it. Almost daily.

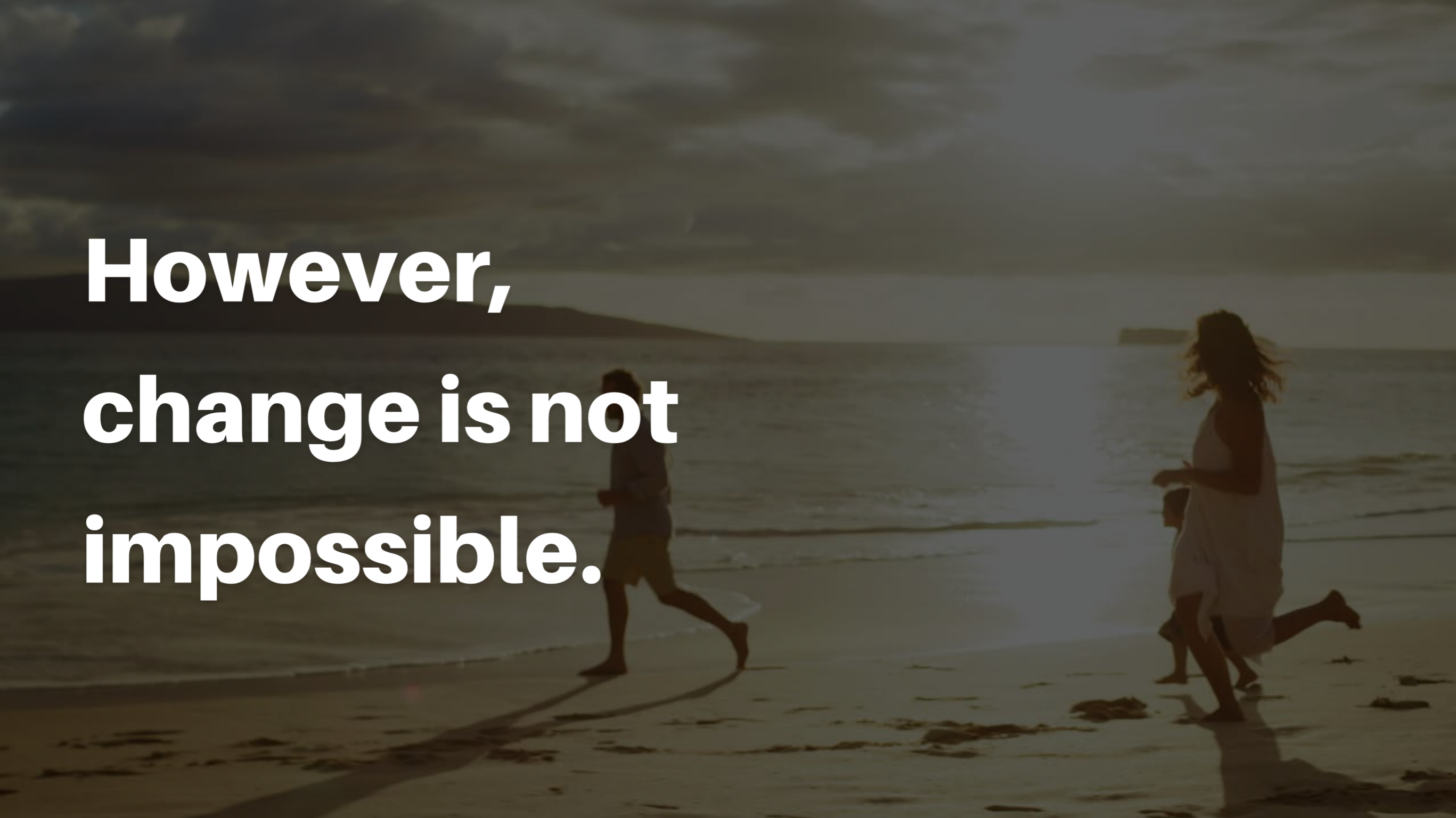
Through newspapers, television, and our environment.

And still, as long as you haven’t experienced it yourself, you will never know what really happens if *your life is changed dramatically by a traffic crash* from one moment to the other.”

*Much lost, but gained anyway;
Life after a road traffic crash*

(Teuny Slotboom, 1992)

**However,
change is not
impossible.**



Dive into the tales about **CHANGE.**



Amsterdam, Netherlands,



Bogotá, Colombia



How Amsterdam Became a Bicycle Paradise



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Gain deeper insights from institutions.



*Sustainable Safety
Principles*



*Urban Street
Design Guide*

Wanna make a difference in your neighborhood?

Take our fabulous [Free AI Road Safety Assistant](#) for a spin!



