# Road sign detection for visually impaired people



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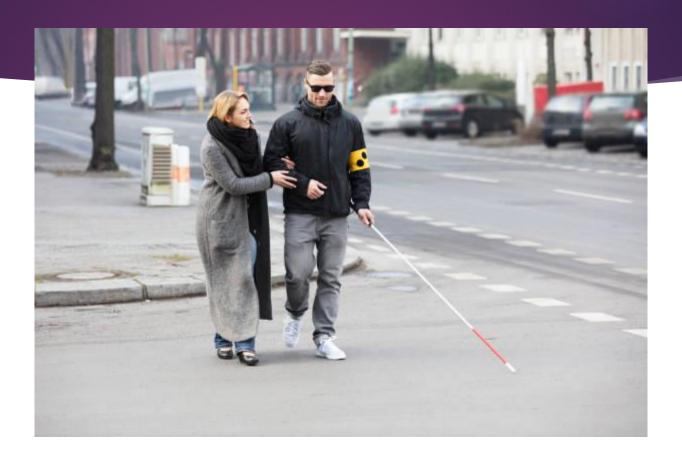
## Safety first



#### Road safety



## Visually impaired people

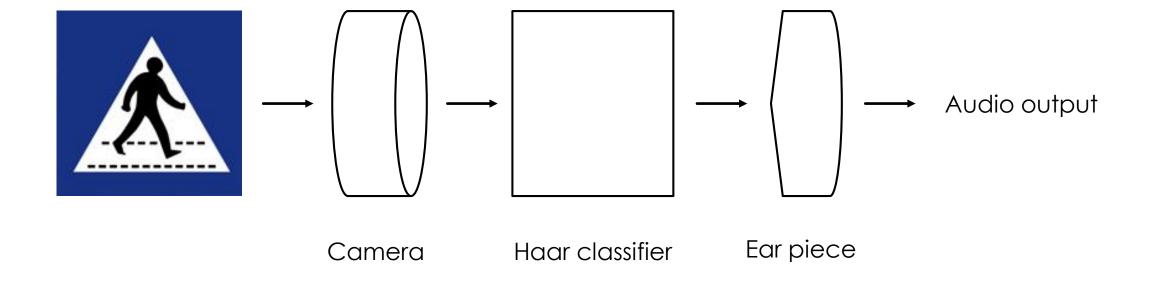


285 million of people by 2010 (WHO)

#### Our solution



#### How it works



#### Technical stack

- Python
- OpenCV
- Pyttsx





### Challenges

- ► Lack of data
- ► Lack of hardware

#### Implementation

- ▶ We generated 3216 positive images.
- ▶ We generated the vector file.
- ▶ We trained the classifier using 2500 positives and 1250 negatives.

## Result

