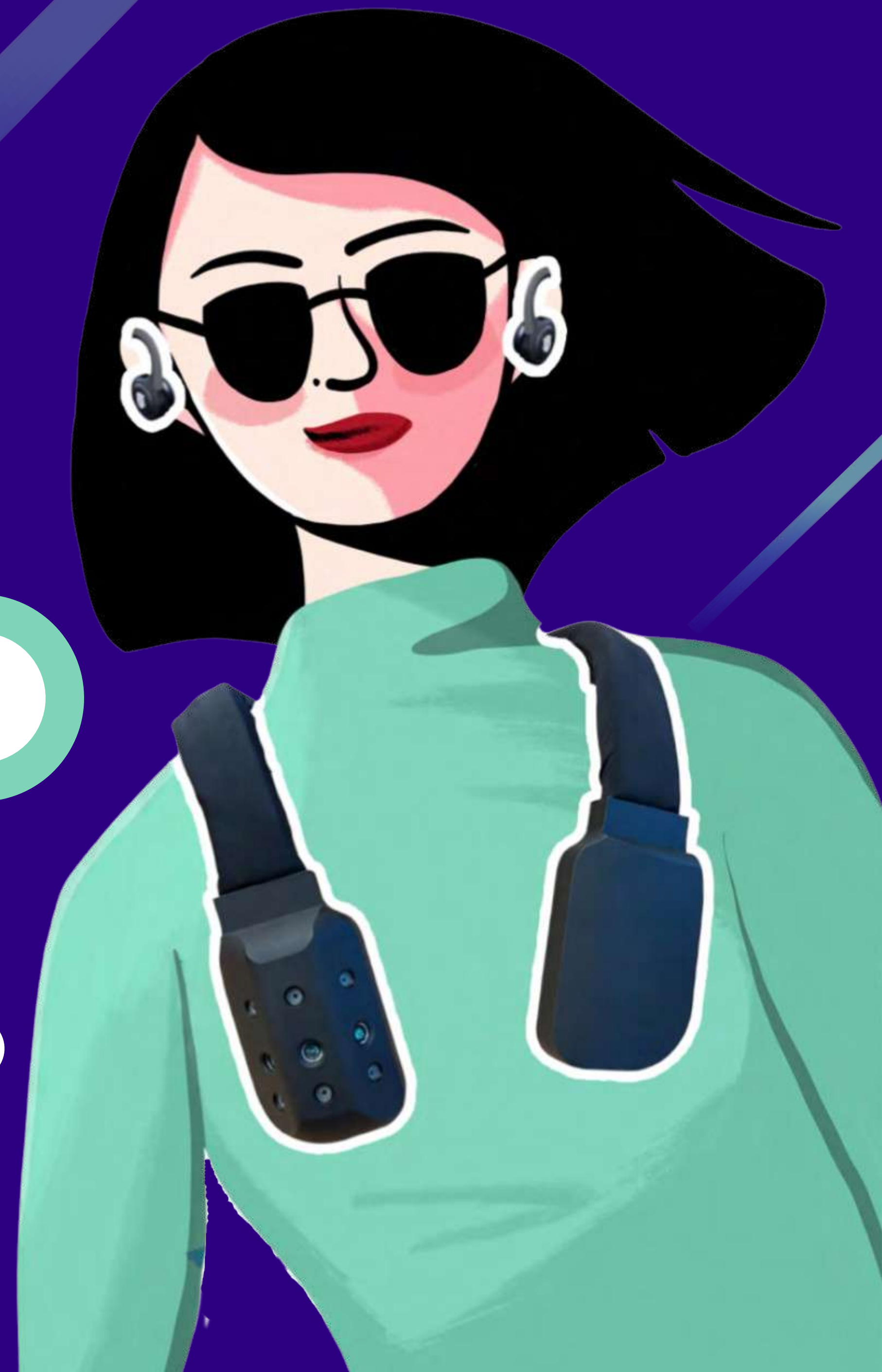




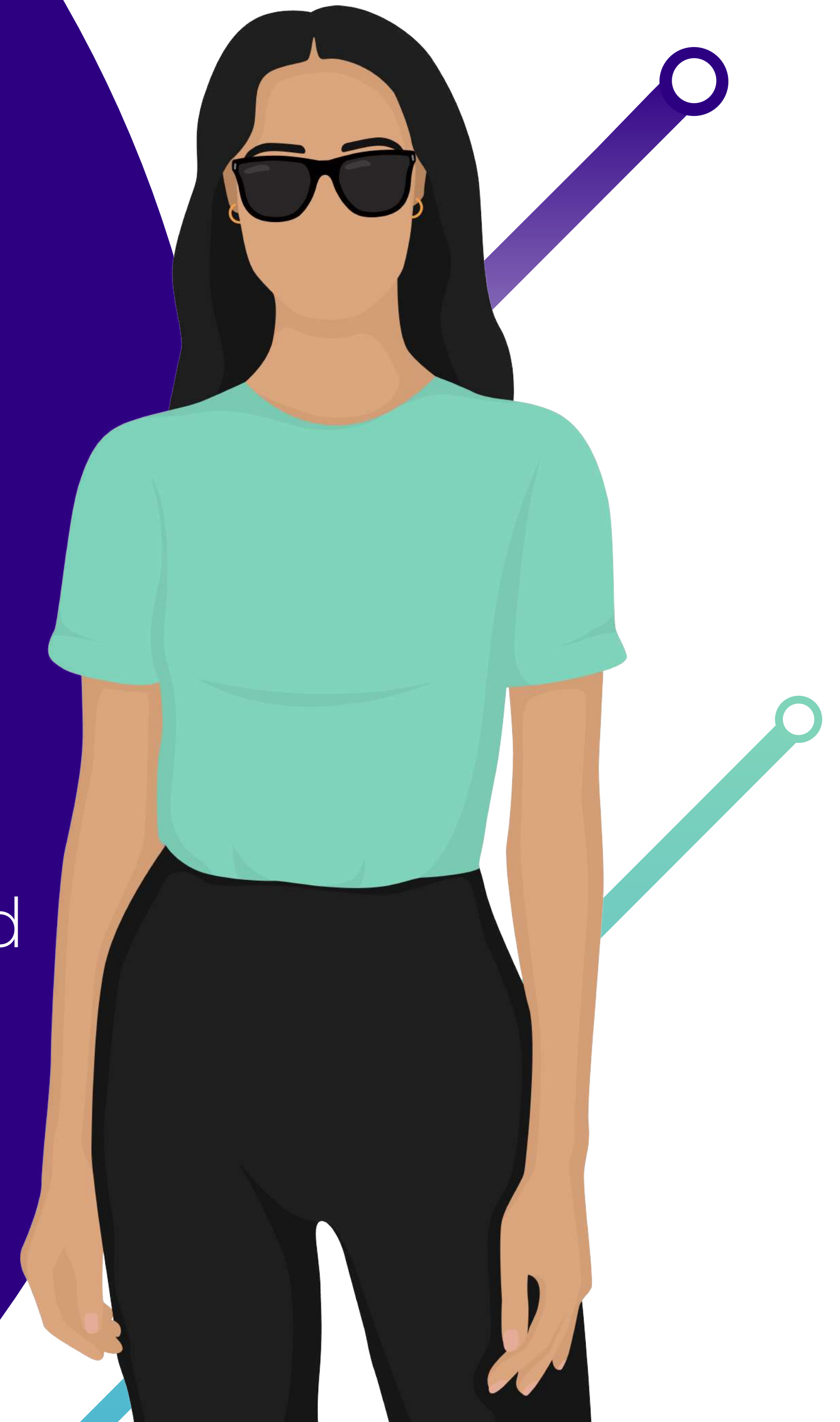
bipeed

vision with sounds



A life full of stress

- **2 million** blind people in 
- **3 million** in 
- **270 million** visually impaired



Obstacles



Scenes



Navigation



Daily struggles

Yet...

Autonomous vehicles in San Francisco



Introducing **biped**

Bone conduction
headphones

Computation unit

3D cameras

- avoid obstacles
- detect and predict trajectories
- follow navigation instructions

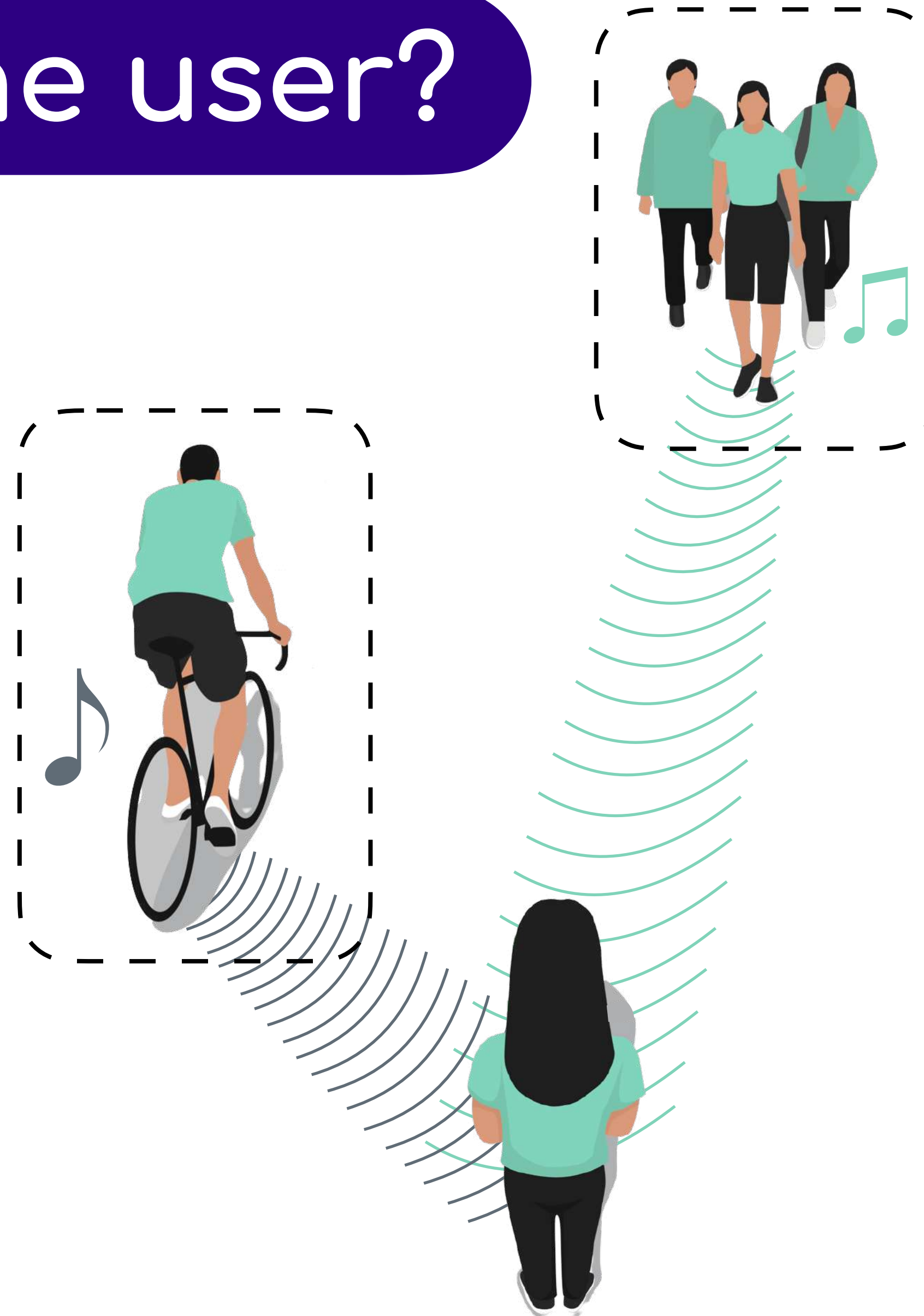
⚖️ < **950** grams

🔋 **3 days** of average use

👁️ > **170°** FoV

How to warn the user?

- Identify all **important** surrounding **objects**
- Play different **music notes** for each object type
- Apply **3D effect** to understand **position intuitively**



Filter what's important

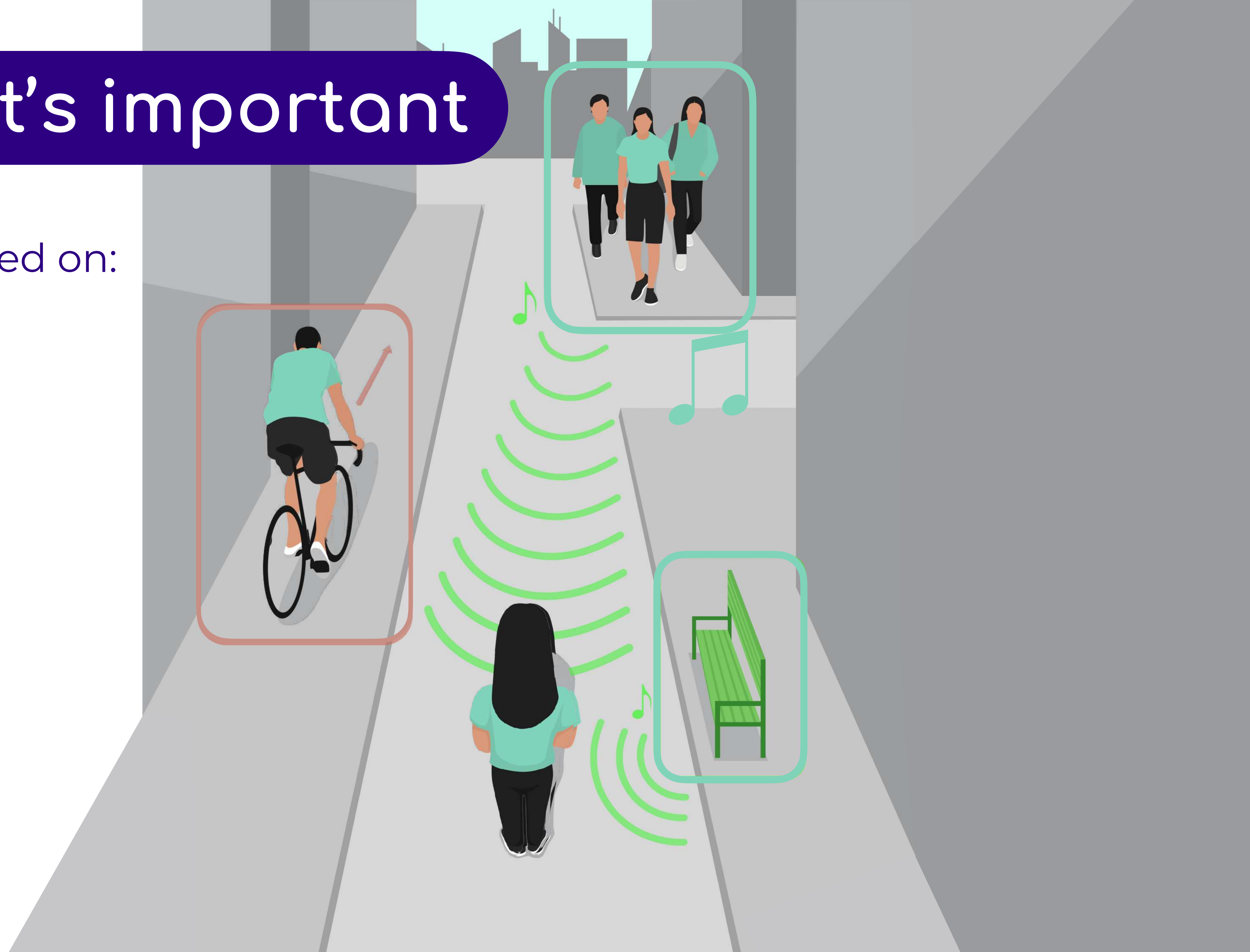
Filter elements based on:

- Trajectories
- Type of object

Notified user?

☐ Yes

☐ No



Demo time!





Partners & testers

“ It’s one of the most **ambitious** and **intuitive** devices I’ve tested. I could really use it **everyday**.

Lex Gillette

5 times Paralympic medalist in long jump

“ This feels **10x better** than anything I’ve tested to date.

Tester in Bordeaux

“ We’ve never had such excellent feedback after user tests. Biped can become **the all-in-one solution**



Fatima Anaflous

Head of Department, CHUV and Jules Gonin

Competitive advantage

	Obstacle	Scene	Navigation
Smart white canes	✓		
Smart Glasses		✓	
Vibrating belts			✓
biped	✓	✓	✓



WeWalk, TomPouce



OrCam



Navibelt, Google Maps



Affordable

Reimbursed

OR **129** \$/m



Market

13.7 % forecasted
annual growth ⁵

3X more blind people by
2050 (expected 115 M) ⁴

→ **6 Mio**

blind and VI customers in



¹

x **50 %**

below 75 years old ²

= **3 Mio**

Mio potential users in



+ **1.5 Mio**

customers in



³

= **4.5 Mio**

potential customers

x **\$ 1500**

(129 \$ x 12) per customer ARR

= **\$ 6.9 B**

opportunity

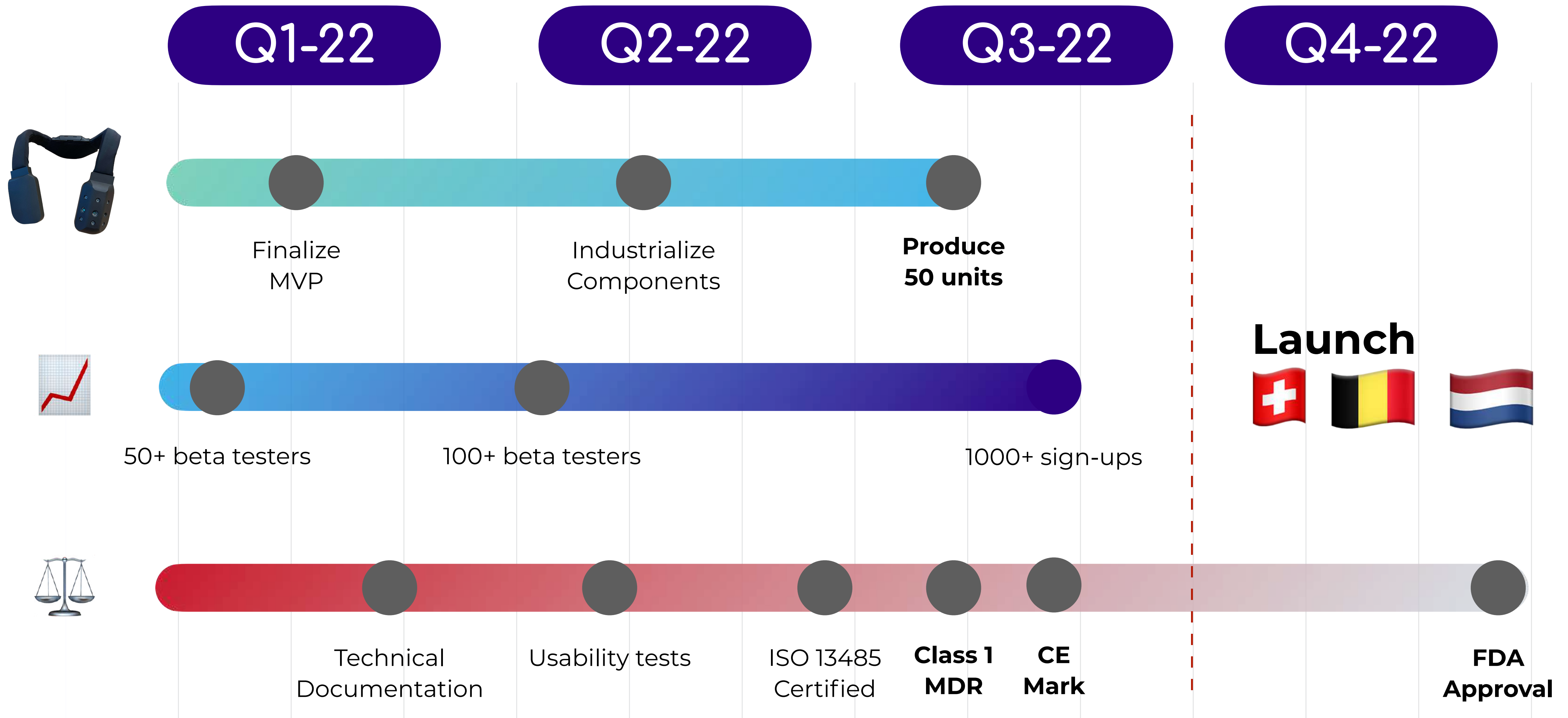
x **4 %**

expected market share

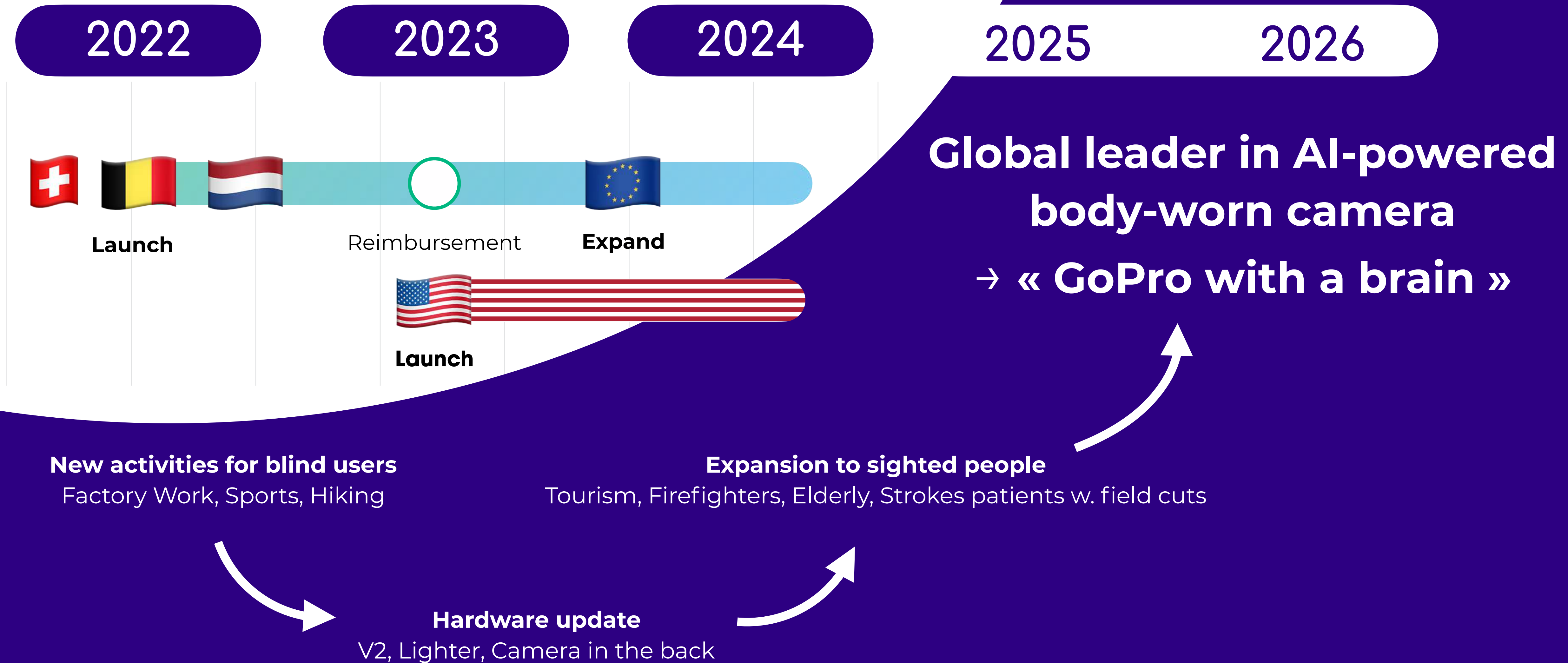
= **\$ 278 M**

ARR potential

5 months to market



Global expansion



Traction

- **100** testers to date
- **250** sign-ups to open-beta
- **6** partners in Europe
- **3** partners in the USA
- **3** distributors 🇨🇭 🇧🇪 🇮🇹
- **Swiss startup award** at CES22
- **110** press articles and TV shows



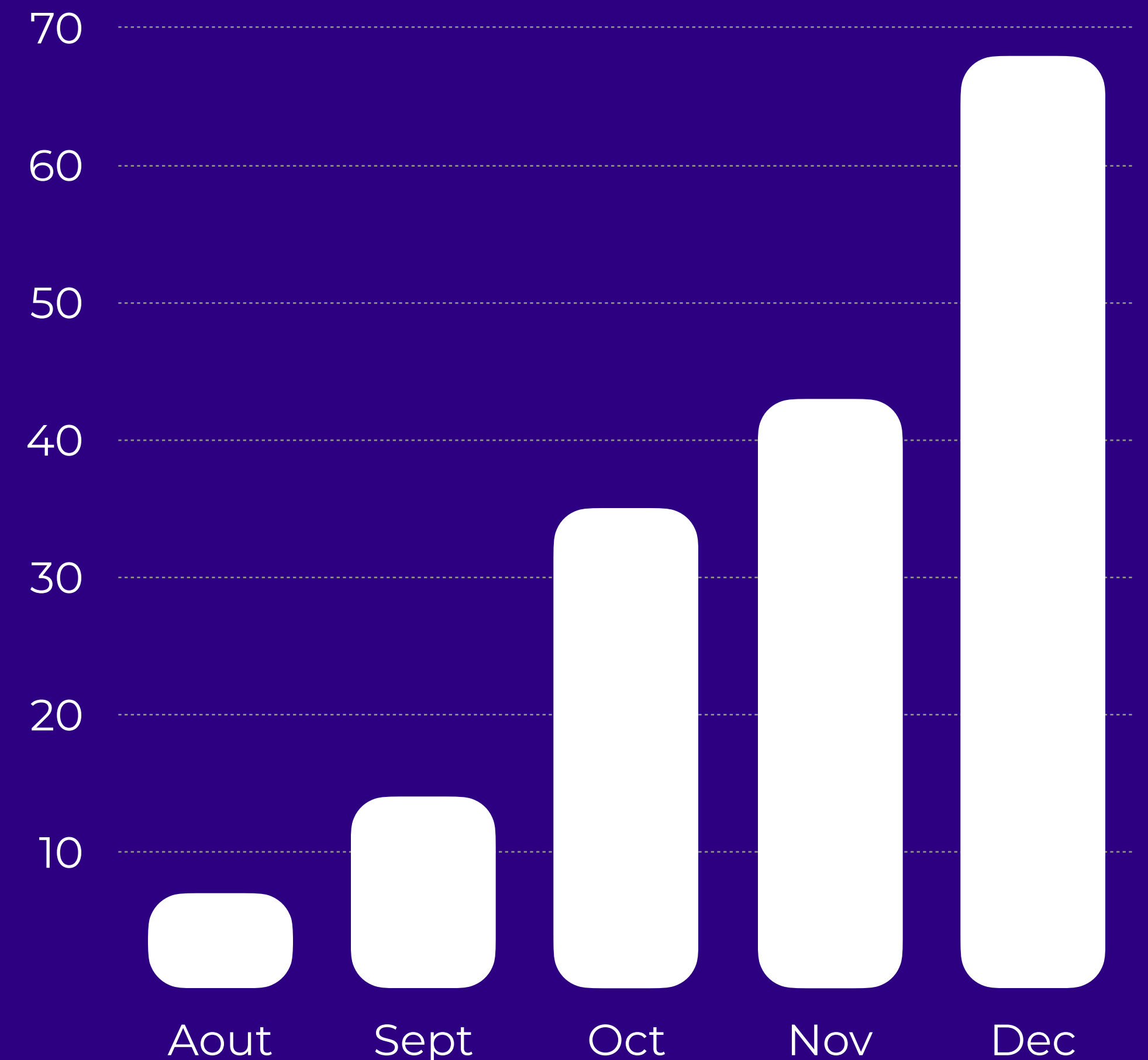
Le Télégramme

france•tv



Brut.

HUFFPOST



New subscribers to open-beta per month

Founders



Maël Fabien

CEO

Dropped out of Ph.D in AI,
background in Economics
EPFL & Telecom Paris

First startup at 18, Swiss volleyball
champion, worked in a YC-startup



CTO

M.Sc in Computer Science,
expert in Computer Vision
RWTH Aachen University

Computer vision expert, full stack, tech
podcast host, climbing trainer

Why us?

Met at a
hackathon

Driven by
impact

Experts in
AI software

Deep trust in
each other

biped

vision with sounds

Mael Fabien

mael@biped.ai

+41 78 909 14 25

biped.ai

