

Team P.T.S.D.

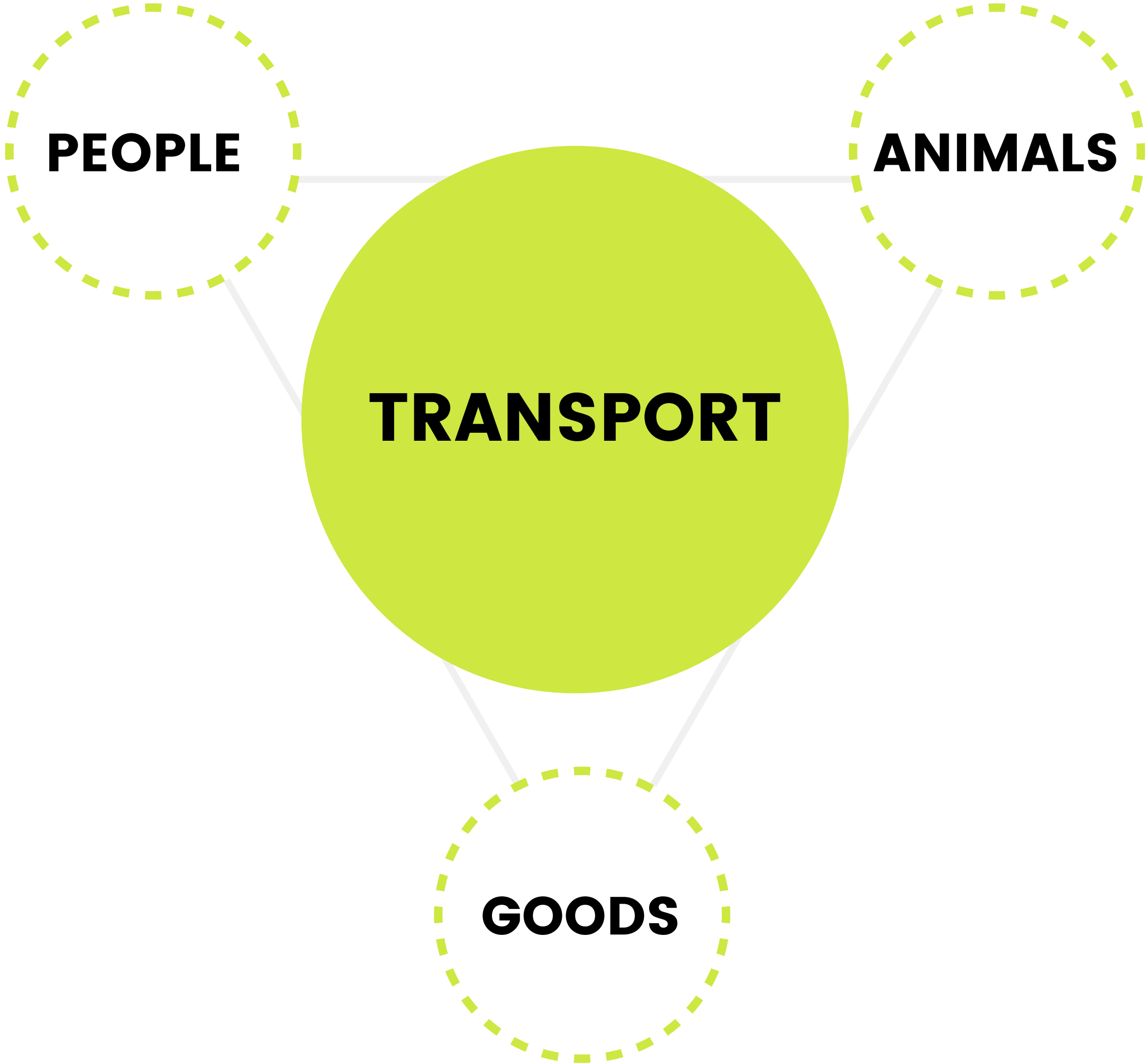
Pioneering **T**ransport & **S**ustainable **D**evelopment



Baptista **Mikey**, Checker **Shrishti**, de Weyer **Aurélien**, Fiorito **Davide**, Labattut **Pierre**, Turgis **Léna**



MOBILITY & TRANSPORT



Sharing economy

Car sharing: is now the time to give up owning a vehicle?

More people are saving money and helping the environment by using shared or hired vehicles

Gen Z Awareness

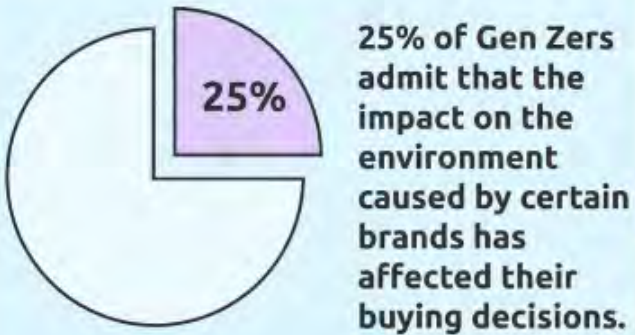
Gen Z Is Emerging As The Sustainability Generation

Greg Petro Contributor

Apr 30, 2021, 6:22pm EDT

Transportation & Mobility

When it Comes to Transportation, Gen Z Wants Options



Transport Infra-structure

What are play streets?

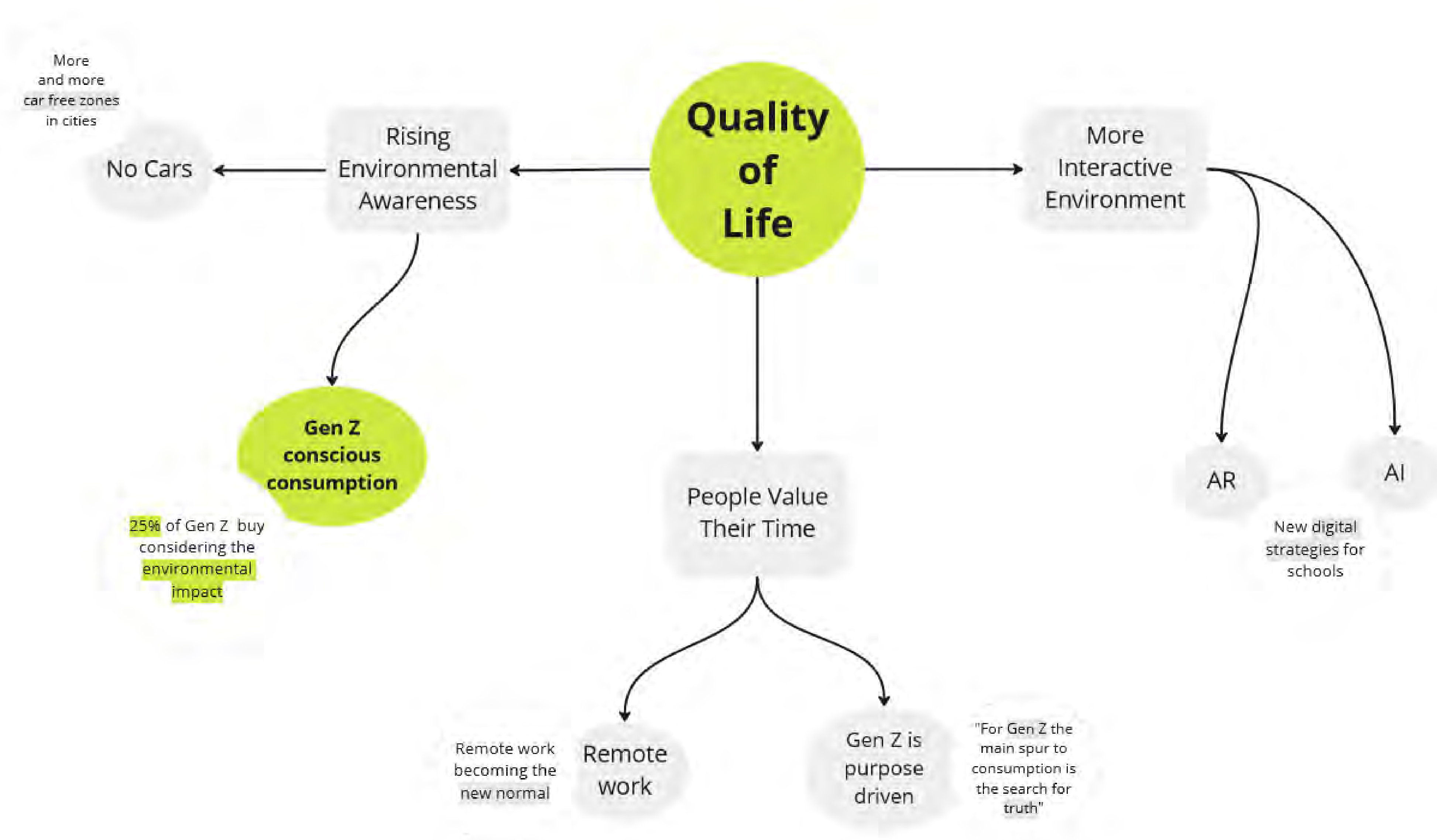
Play streets (or 'playing out' sessions) are neighbour-led short road closures, creating a safe space for children to play freely together on their doorstep. On high-rise estates, you may not even need to close the road!

Human-Centered City Design For A Post-Pandemic World

Forbes Andy Cohen Forbes Councils Member Forbes Biz Council COUNCIL POST | Membership (Fee-based)

Car-free zones in cities are a step towards realizing the 'People-First' principle of urban development

ENC News 31 May 2021



NEW GENERATION'S SUSTAINABLE BEHAVIOURS

In **2035**

We will **use sustainable** transport systems

For **creating new consumption behaviours**

Because **of an increasing necessity for individual and planetary wellbeing**

Ecotopia

*a sustainable
vision for a
better future*



#green technologies



High Tech

Solarpunk

*forced
ecological
practices*



#strict policies



#only renewable



Education



*a step back
in technology
a step forward
in sustainability*



#ancient methods



Low Tech

Control



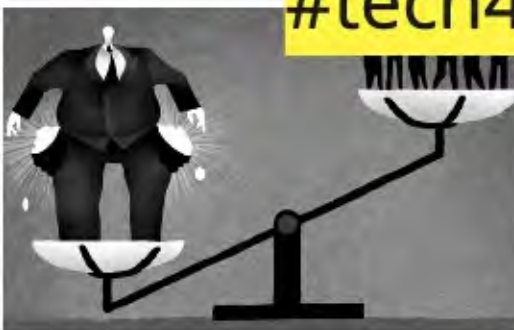
#only renewable



2030 Priced From **4999⁰⁰**
256K 1-Disk
Commercial Lease Available for Only \$175 Per Month
(Plus Applicable Use/Sales Tax)
• 256,000 Characters of Internal Memory—Expandable to 768,000 Characters
• Includes TRSDOS Single-User and TRS-XENIX™ Multi-User Operating Systems
• Choose One or Two Built-In 1,250,000-Character 8" Floppy Disk Drives or Our
7y Drive and 15-Megabyte Hard Disk Built-In
Internal Plug-In Expansion Slots



#tech4few



*powerful
restrictive
policies*

**Environmental
Isolationists**

**Tech Access
Control**



The Scenario

SOLARPUNK

To **avoid** the irreversible collapse of Earth's environment, all fossil fuels are **banned** in favour of **renewable** energy sources. Cities are **self-sufficient** and enclosed entities, with policies and services that help **control personal emissions** and access to natural resources.

control and nudging

CO2 emission monitoring

surveillance tech



THE META NEWS

www. metanews.verse

THE ENVIRONEMENT'S FAVOURITE NEWSPAPER

- Since 2024

THE ECO SCORE - OVERVIEW



The sustainability monitoring system, the eco score, was introduced back in 2025. 10 years after we can now ask ourselves : how effective has it been ?

Do you remember back in 2025 ? Taking the bus like it was nothing, and cars vrooming and honking everywhere ? Thank to the eco score it is now history.

Indeed, cars are nowadays banned, transport behaviors are monitored and restricted and for the first-time carbon emission is as low as it was in the 1800's.

For those that are still unconvinced, here are some numbers : since the introduction of the eco score we've seen a decrease of 87% in carbon emission, quality of life in big cities has increased by 59%, noise and air pollution have respectively dropped by 76% and 64% and biodiversity in cities is at an all time high.

“ I cannot believe I have doubted this system before ! ”
- Karen, 55

THE BRAND NEW GENERATION OF SMART GLASSES

*Lighter
Faster
Better
... Smarter !*

*compatible with Eco-Score monitoring technology

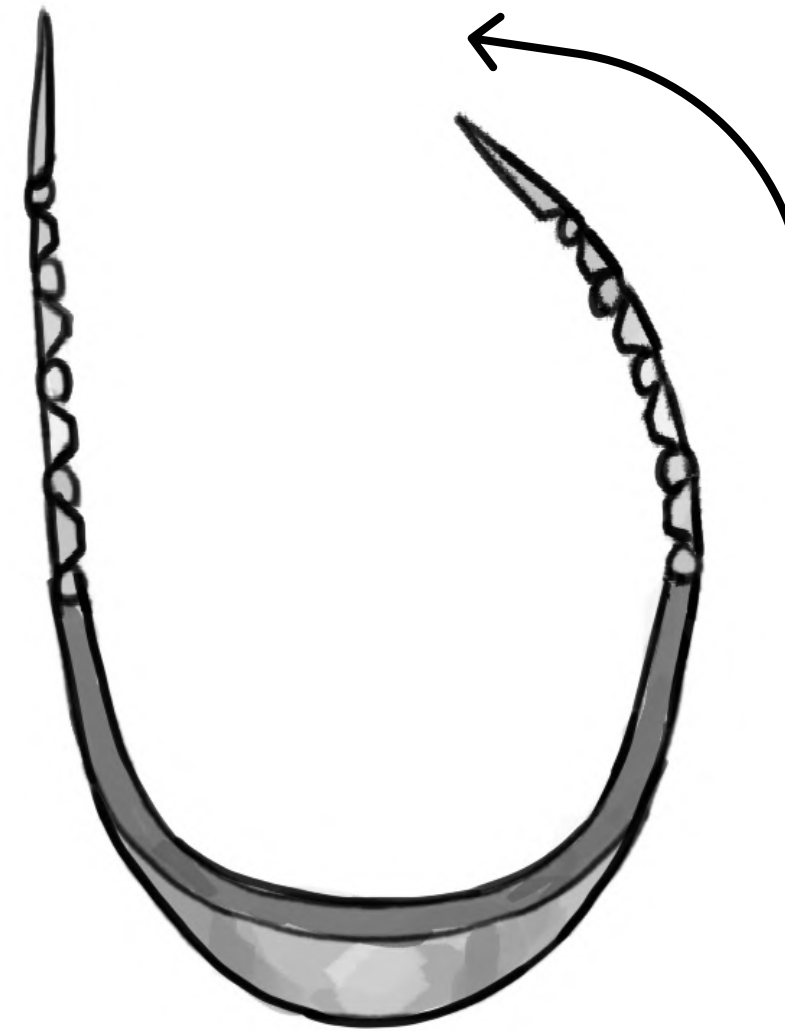
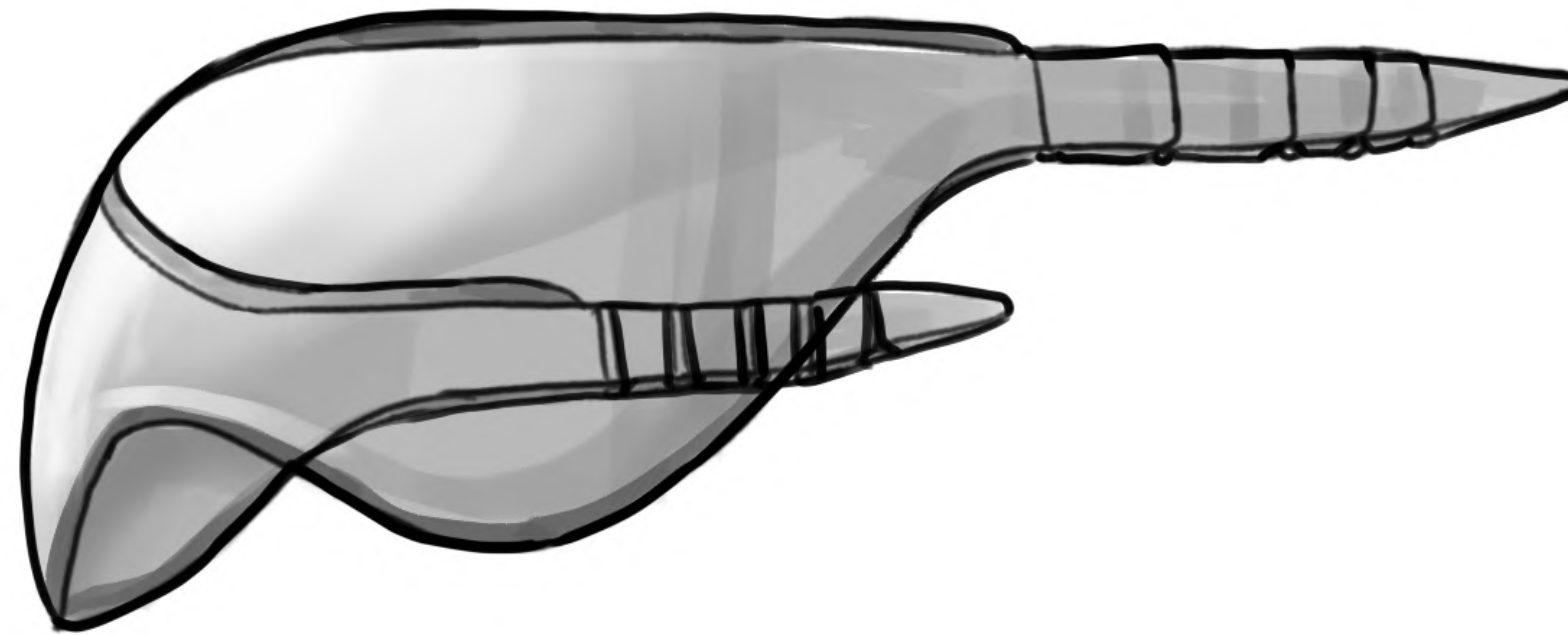


#1
SUSTAINABLE
PRODUCT
2035

#1
SUSTAINABLE
PRODUCT
2034



FutureFocals
See your own future



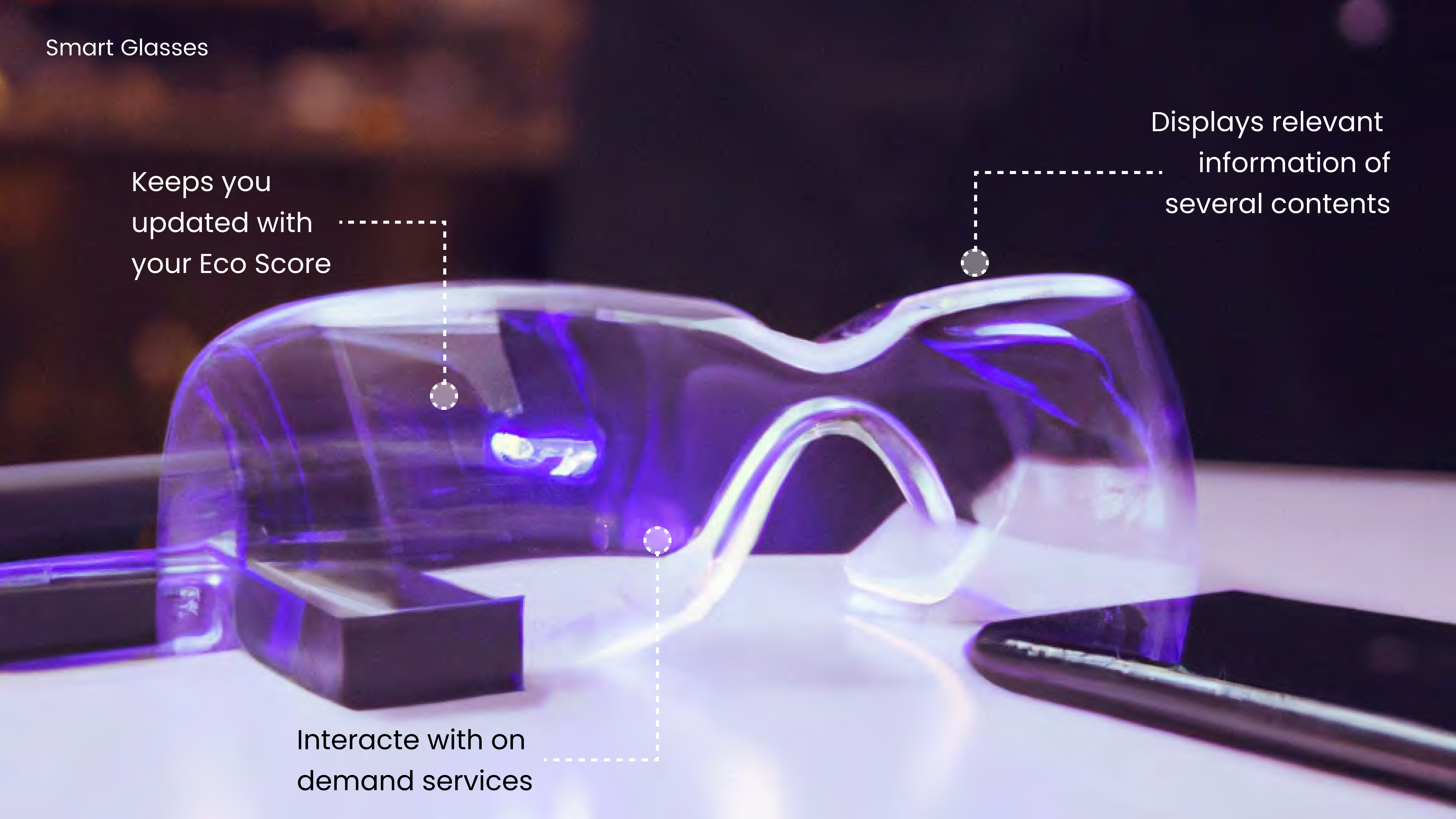
- Transparent
- Wide visor
- Spectacle temples that automatically adjusts to the head
- Displays information only for the user

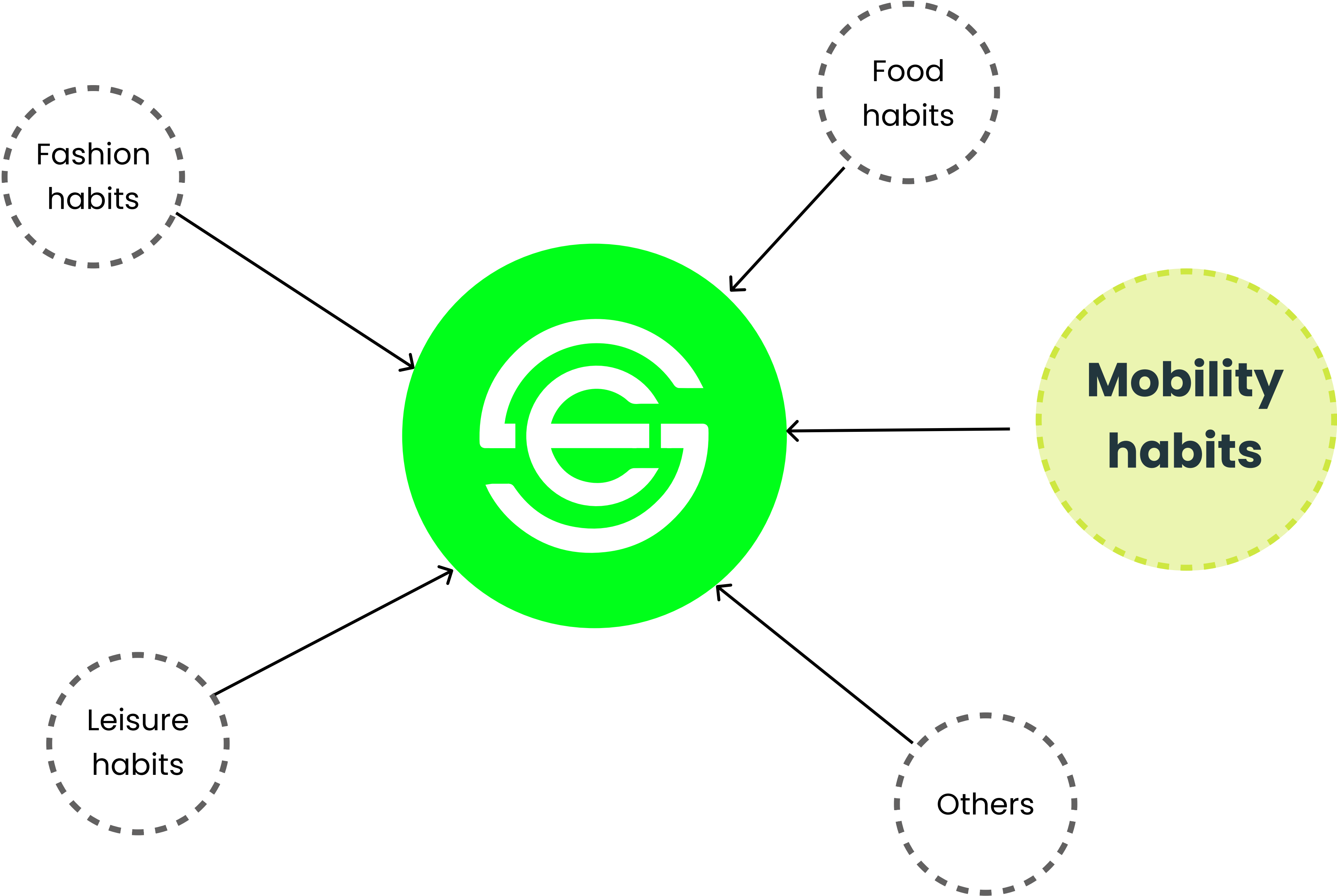
Smart Glasses

Keeps you
updated with
your Eco Score

Displays relevant
information of
several contents

Interact with on
demand services





introducing

E V A i 

Environment **V**aluing **A**rtificial_intelligence



Voice User Interface (VUI)
+ IoT

04.11.2035

Goodmorning, Angelo!



04.11.2035

Goodmorning, Angelo!

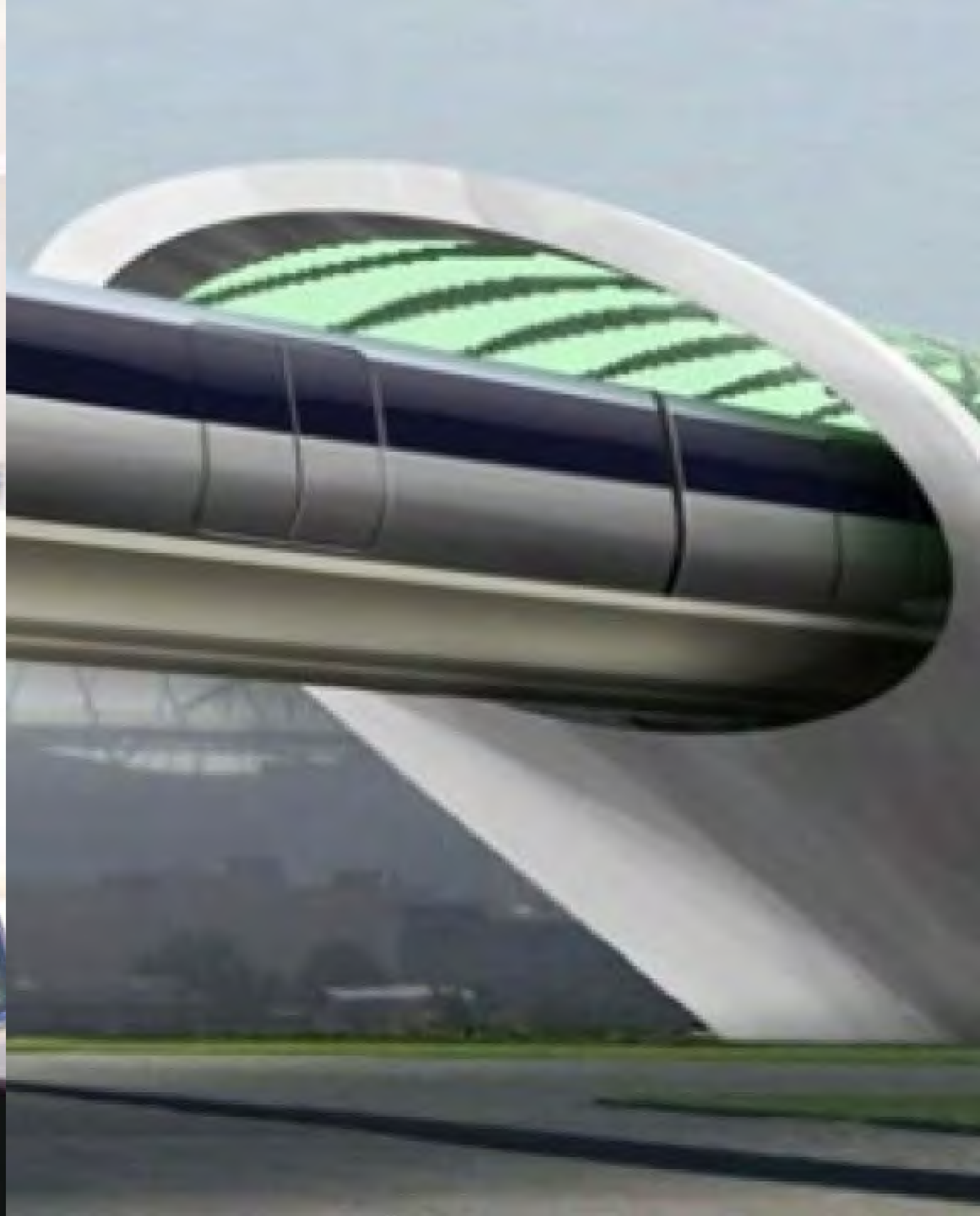
**Wake up NOW to have
enough time to cycle
to work!**

Wake Up

Snooze









CURRENT SCORE

↓ 0.2 **8.3**_{ES}

Score dropped by 0.2
because of taking a
train in cycle zone.

Near Field Communication (NFC)
GPS + VUI + gestures

**Would you like to be woken
up 15 mins earlier to take the
cycle to work?**

OK, sure

NO, thank you







**AI + Emotion Tracking
Data Tracking – VUI**



**I see that you want to
know more about
those shoes. Here are
some details and
similar options...**





6.7^{ES}

Displayed Brand

Brown Shoes

Manufactured abroad

8.4^{ES}

Brand A

Brown Shoes

Manufactured abroad

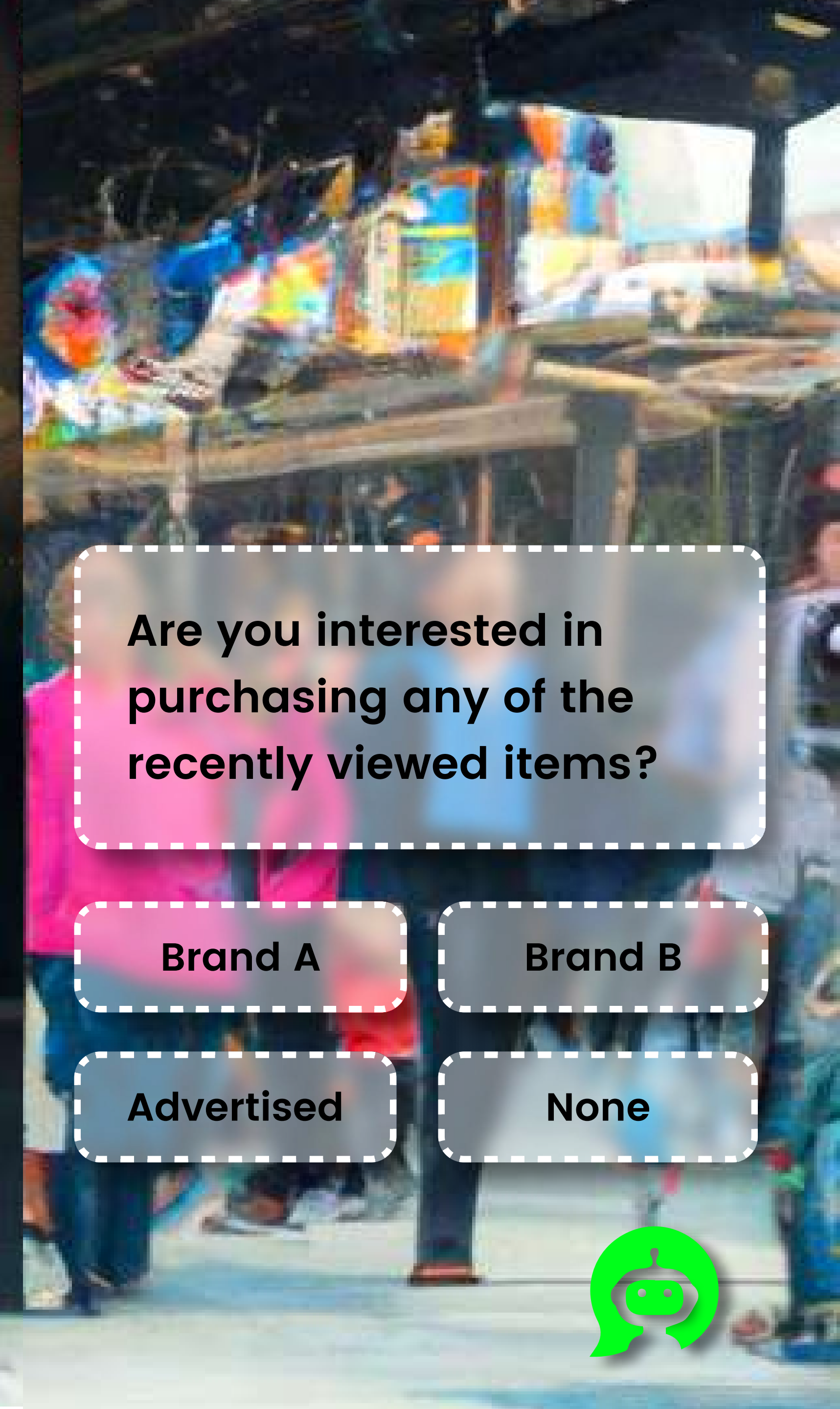
7.9^{ES}

Brand B

Brown Shoes

Manufactured abroad





Are you interested in purchasing any of the recently viewed items?

Brand A

Brand B

Advertised

None





Mmm, nice shoes. But we can do better next time with the eco-score. Let's eat local for lunch today to make up for this.

CURRENT SCORE

↓ 0.2 **8.1**ES

**Score dropped by 0.2
because of less
sustainable purchase.**



Ooo that was a cool purchase! Knowing more about the product and it's eco-score sure helps huh!

CURRENT SCORE

↑ 0.1 **8.4_{ES}**

Score goes up by 0.1 because of you made a sustainable purchase.



**Smart choice to not
hurry into the
purchase making. I'll
let you know when
something similar is
available with a
better eco-score!**

CURRENT SCORE

8.3_{ES}

Score is the same.

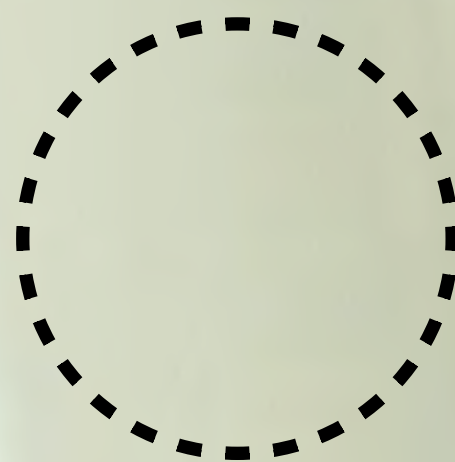
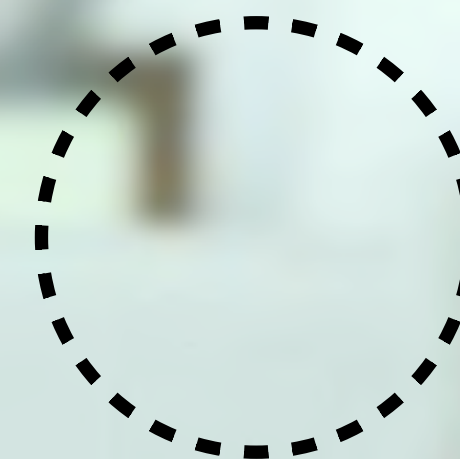
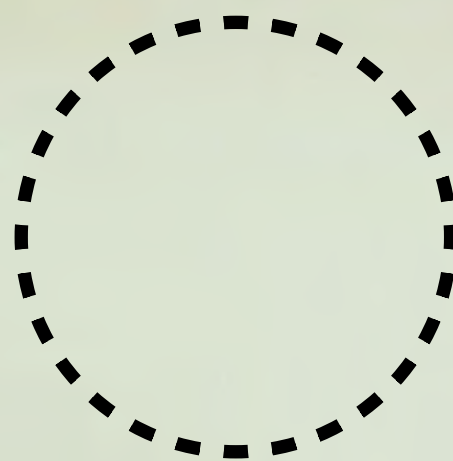


You have arrived at your co-working office. META cubes are available for remotely connecting with your global team.

**VR + Motion Track
Face Track + Head Up Display (HUD)
Biometric authentication**








**Would you like suggestions
on restaurants and food items
with high eco-scores?**

**YES, please
suggest**

**NO, I'll choose
myself**







Your order has been placed. It will be delivered in the collective delivery. The order will reach you between 12:30pm - 1245pm.





**Your order has arrived at
the co-working space,
Drone no. 1234 is on it's
way to you.**

Drone + route planning





Your meal has been successfully delivered. Bon appetite!

If you wish to know more about the ingredients and sources of your food, feel free to navigate through the [food table interface](#).





8.7_{ES}

Bean sprouts

Rocket leaves

Tomatoes

RFID + phygital surfaces





CURRENT SCORE

↑ 0.1 **8.5**_{ES}

Score goes up by 0.1
because of eating local
and sustainable foods.



LED on roads + GPS

Route plans

Radio-identification (RFID)

These smart bike lanes leave a green trace behind. **The more you transport by bike, the longer and brighter the trail.**

Keep going, buddy!





**Welcome to your budget-
friendly travel company**



The background image shows two young men in a futuristic, dimly lit environment. The man on the left has glowing blue light patterns on his forehead and is gesturing with his hand. The man on the right has a glowing blue light pattern across his eyes. The scene is filled with warm, yellowish light from overhead lamps.

**Hi Angelo and Romario!
How are you doing today?**

**I understand that you want to look
for some travel options to the
mountains. Please tell me your
budget and date preferences and I
can fetch some options for you.**



Destination A
Near the mountains
Budget: Mid
TSF: 77/100

Book

Destination B
Near the mountains
Budget: Mid
TSF: 59/100

Book

Destination C
Near the mountains
Budget: Low
TSF: 44/100

Book



Hey Angelo, allow me to highlight that the **Travel Sustainability Factor** for your chosen trip is lower than 50. This is an important point to take under consideration.



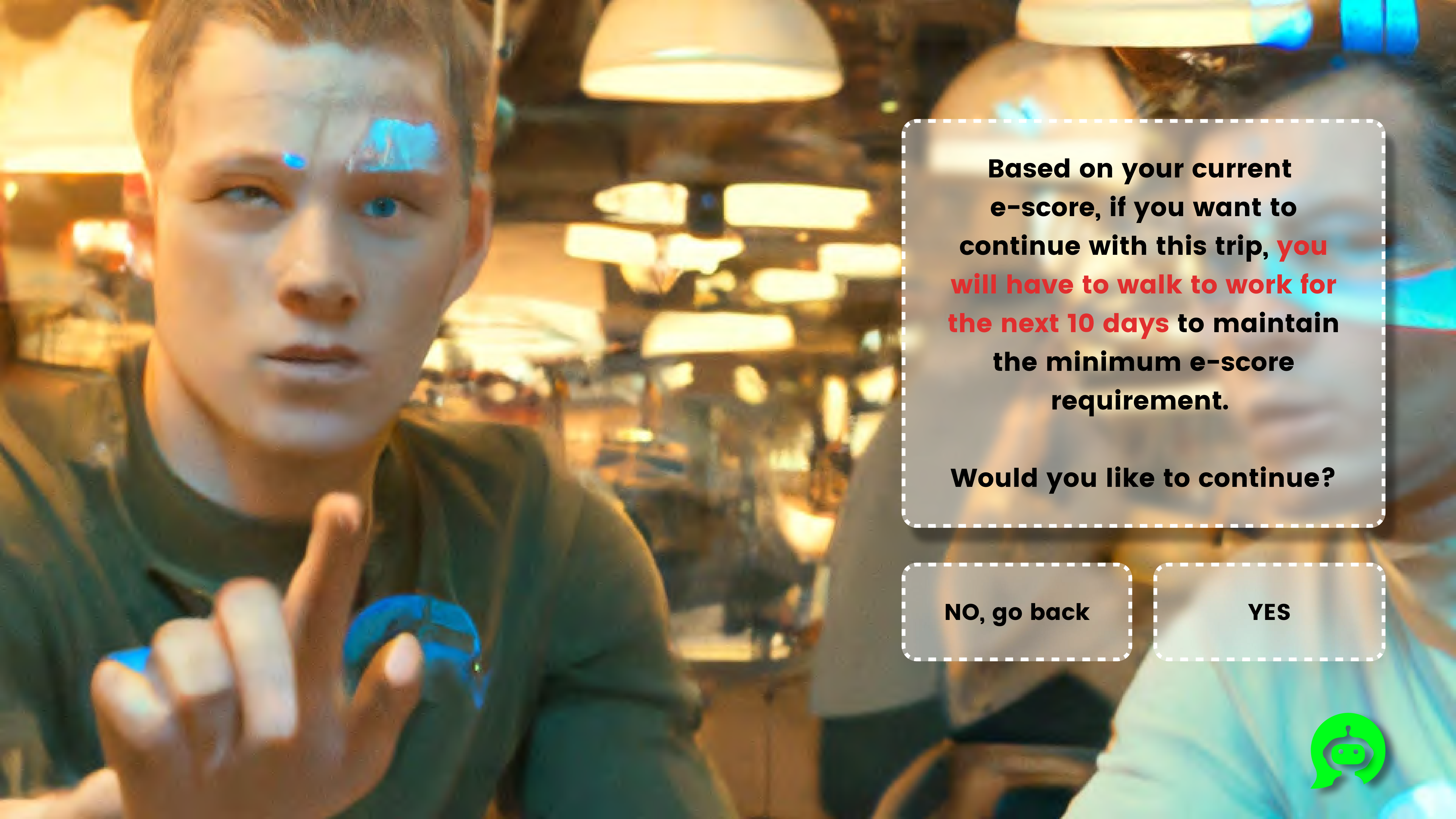


**Do you want to proceed
with a TSF below 50?**

NO, go back

YES



A young man with short brown hair and blue eyes is looking directly at the camera with a serious expression. He has a blue digital overlay on his forehead and a blue digital ring on his finger. He is wearing a green t-shirt. The background is a workshop with many tools and equipment, and a person in a white lab coat is visible in the background.

Based on your current e-score, if you want to continue with this trip, **you will have to walk to work for the next 10 days to maintain the minimum e-score requirement.**

Would you like to continue?

NO, go back

YES

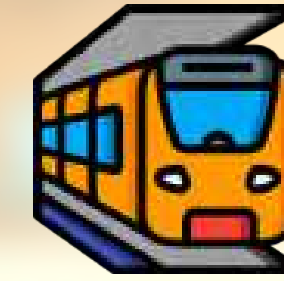




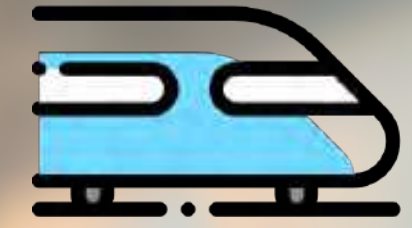
1km+



3km+



5km+




10km+

I have made the booking. However, to maintain your eco score, I have already adjusted your daily schedule and transportation.

Gotta loose some to win some, buddy!

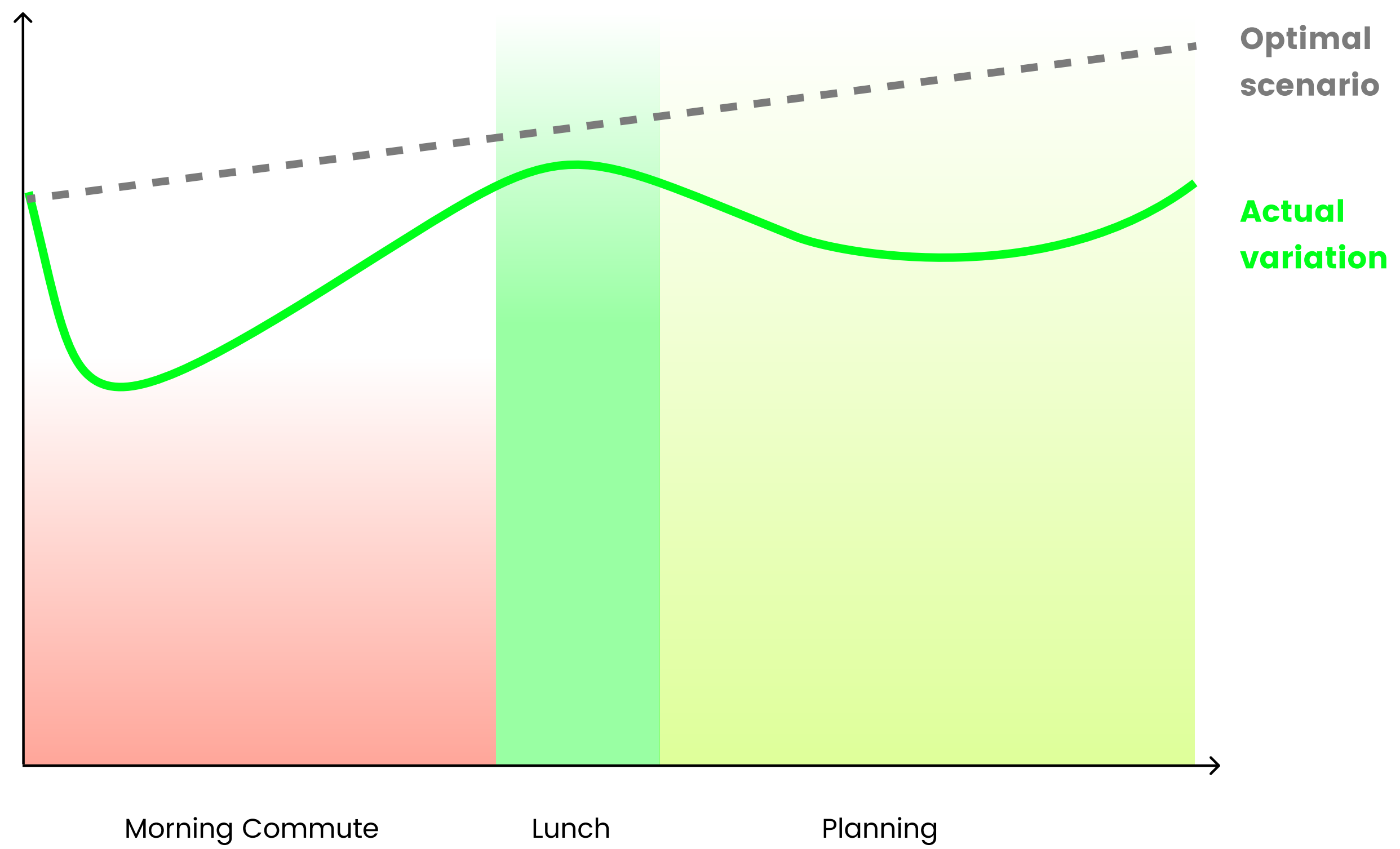




**Hey Angelo, decent choice. I see that
the Travel Sustainability Factor for
your chosen trip is higher than 50.**

**I can go ahead and complete the
booking for you**





Technology can be our
friend & advisor
and help us to **understand**
& **change our behaviors**

*And be
more sustainable*

**For a
better future.**





THANK YOU!