

REVALUING MOBILITY THROUGH EXPERIENCE, (TRIP) DIVERSITY, AND EQUITY IN TRANSPORT PLANNING



HANNAH HOOK



EXPERIENCE



**(TRIP)
DIVERSITY**



EQUITY

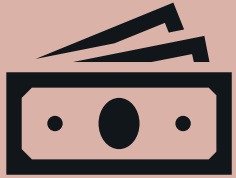
(ONGOING) RESEARCH

- 1 REVIEW: IMPACT OF DISCRETIONARY TRIPS ON WELL-BEING**
- 2 ODIN 2023: DUTCH NATIONAL TRAVEL DIARY SURVEY**
- 3 LONGITUDINAL PANEL SURVEY (2020-2021) IN FLANDERS**
- 4 MoTiV 2019: EUROPEAN APP-BASED TRAVEL SURVEY**
- 5 PARTICIPATORY PLANNING WORKSHOP WITH FLEMISH YOUTH (2024)**



WHY REVALUE MOBILITY?

TRAVEL DISUTILITY AS A PLANNING PARADIGM



ORIGINS IN NEOCLASSICAL ECONOMICS



EMBEDDED IN TRANSPORT MODELING



INSTITUTIONALIZATION THROUGH COST-BENEFIT ANALYSIS

CHALLENGING TRAVEL AS MERELY A COST
THE POSITIVE UTILITY OF TRAVEL



**OBJECTIVE &
SUBJECTIVE
WELL-BEING**

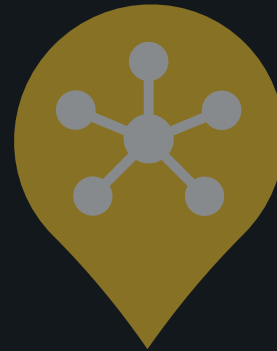
**VALUE OF
TRAVEL**



**COST &
EFFICIENCY**



EXPERIENCE



**(TRIP)
DIVERSITY**



EQUITY

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TRIP CIRCUMSTANCE EXAMPLES

Clock in for work
Arrive at medical appointment
Meet friend for lunch
Drop off dry cleaning

Take pet on a walk
Meeting that can be online

Going to supermarket
(can order online)

Medical appointment
(have telehealth option)

In-store shopping
(can buy online)

Go on a walk

NECESSARY

DISCRETIONARY



1

HEALTH
PROMOTION



2

PSYCH.
BENEFITS



3

AUTONOMY
AND CHOICE



4

OUT-OF-
HOME
SOCIALIZING





EXPERIENCE



(TRIP)
DIVERSITY



EQUITY

(ONGOING) RESEARCH

1

REVIEW: IMPACT OF DISCRETIONARY TRIPS ON WELL-BEING

2

ODiN 2023: DUTCH NATIONAL TRAVEL DIARY SURVEY

3

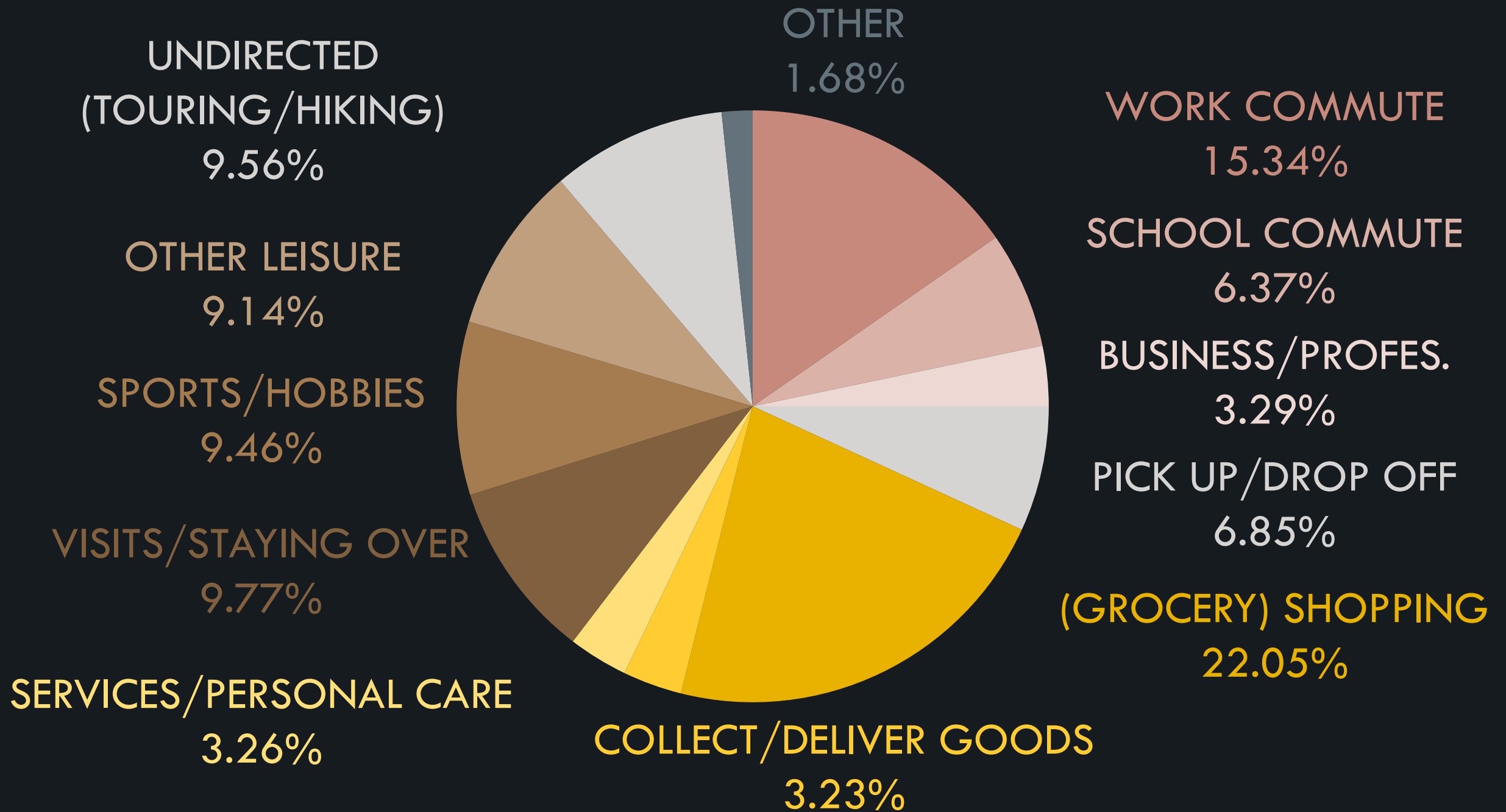
LONGITUDINAL PANEL SURVEY (2020-2021) IN FLANDERS

4

MoTiV 2019: EUROPEAN APP-BASED TRAVEL SURVEY

5

PARTICIPATORY PLANNING WORKSHOP WITH FLEMISH YOUTH (2024)



UNDIRECTED
(TOURING/HIKING)
9.56%

OTHER LEISURE
9.14%

SPORTS/HOBBIES
9.46%

VISITS/STAYING OVER
9.77%

SERVICES/PERSONAL CARE
3.26%

COLLECT/DELIVER GOODS
3.23%

OTHER
1.68%

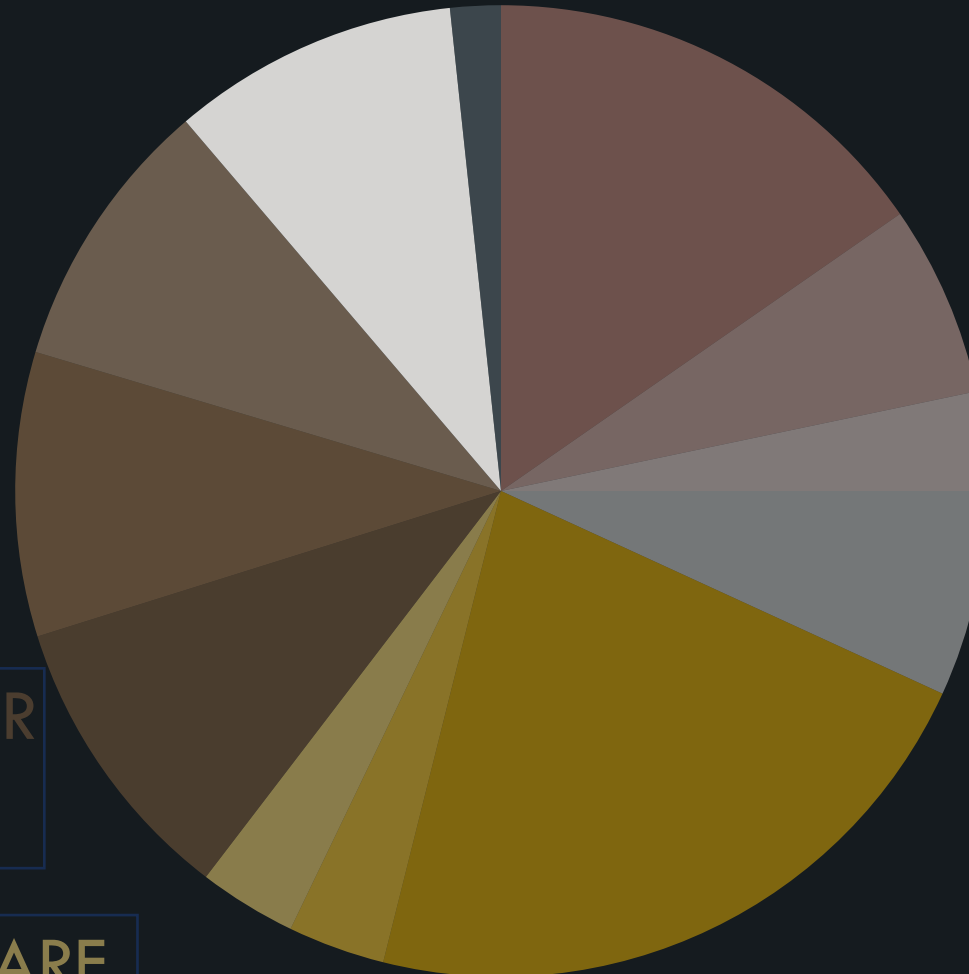
WORK COMMUTE
15.34%

SCHOOL COMMUTE
6.37%

BUSINESS/PROFES.
3.29%

PICK UP/DROP OFF
6.85%

(GROCERY) SHOPPING
22.05%



UNDIRECTED TRAVEL
TRAVEL FOR ITS OWN SAKE





Qantas is offering a seven-hour flight to nowhere



The 'flight to nowhere' will perform a loop around Australia with low flyovers over landmarks like Sydney Harbour and the Great Barrier Reef



travel



Qantas supermoon flight to nowhere sells out in 'record time'

Francesca Street, CNN • Published 13th May 2021

The New York Times

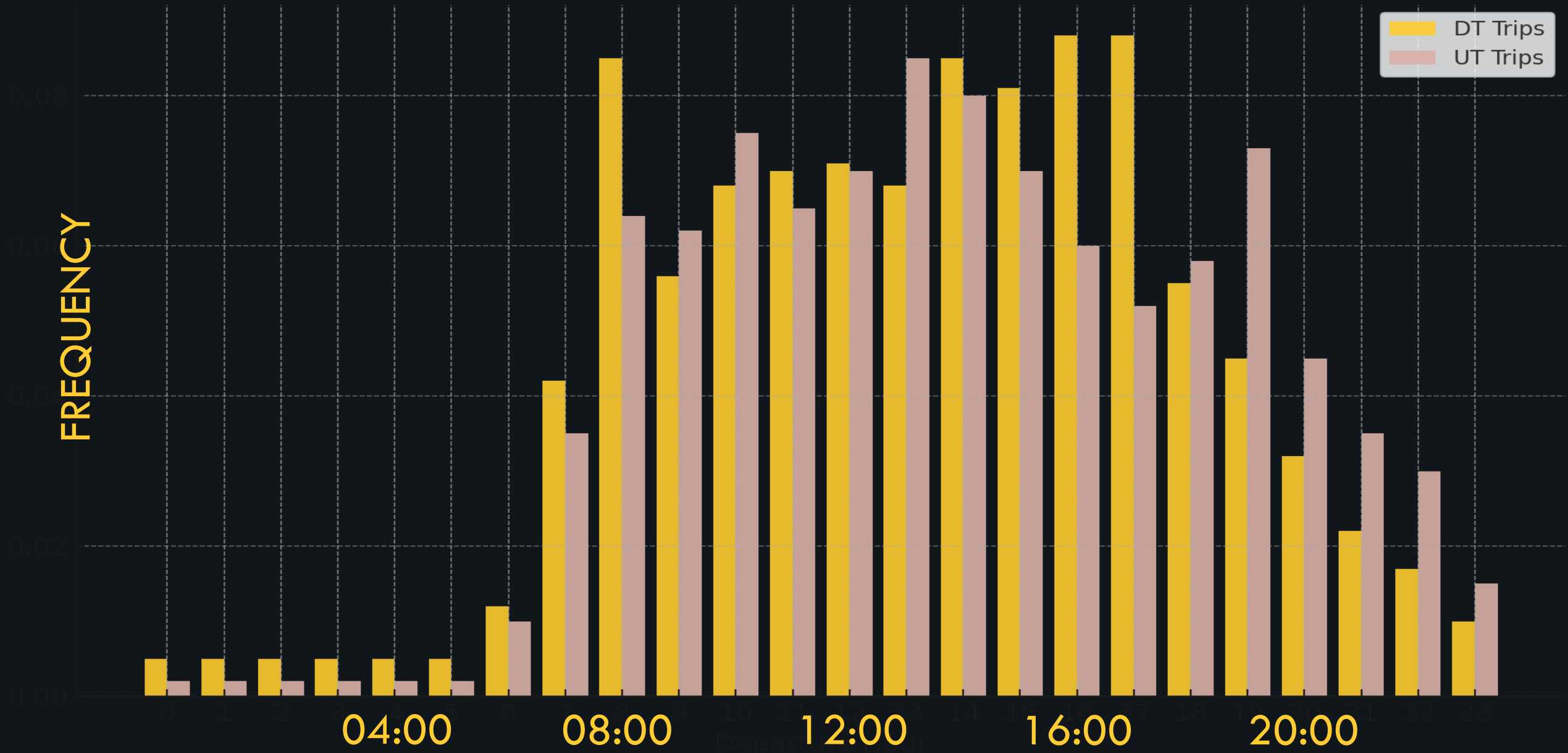


OPINION

New York Is Planning a Train Line to Connect Its Transit Deserts. We Walked All 14 Miles of It.

By Alex Wolfe and Thomas Wilson

DEPARTURE HOUR



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1

UNDIRECTED



2

LEISURE



3

SHOPPING



4

COMMUTE





UNDIRECTED



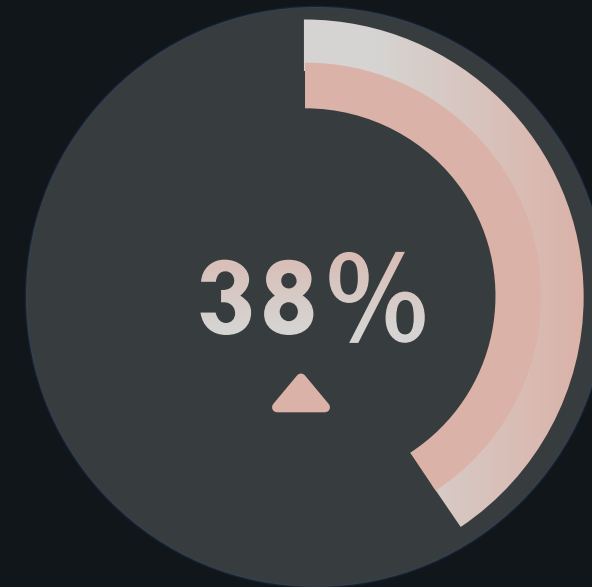
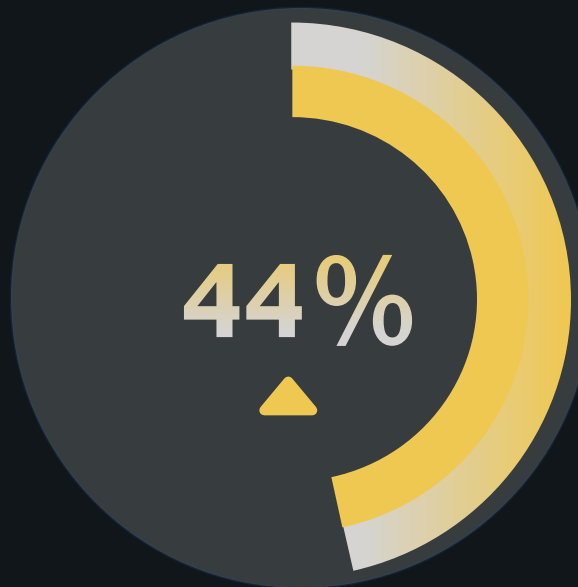
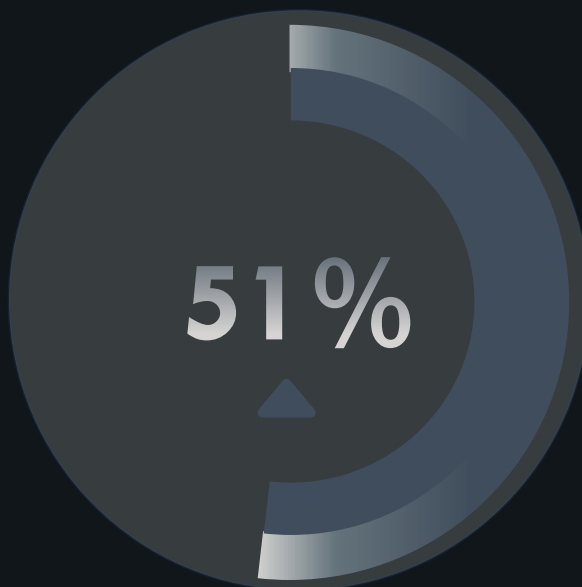
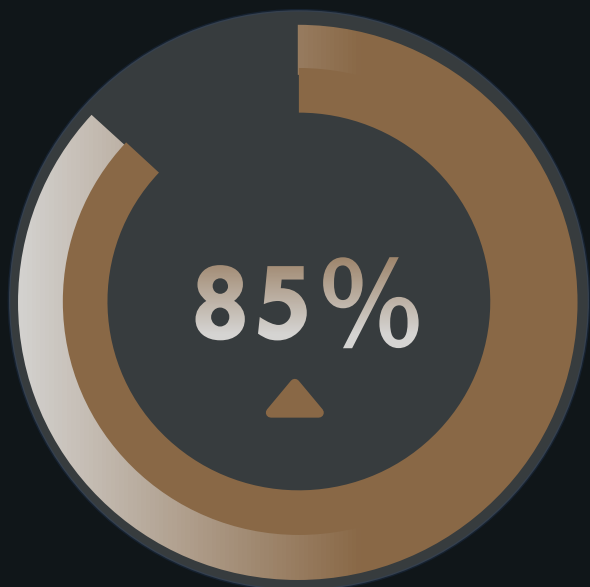
LEISURE



SHOPPING



COMMUTE



ACTIVE MODE

TRIP CHARACTERISTICS

170



UNDIRECTED



LEISURE



SHOPPING



COMMUTE

COUNT TRIPS

0

Never

$\leq 1/\text{month}$

2-3/month

1/week

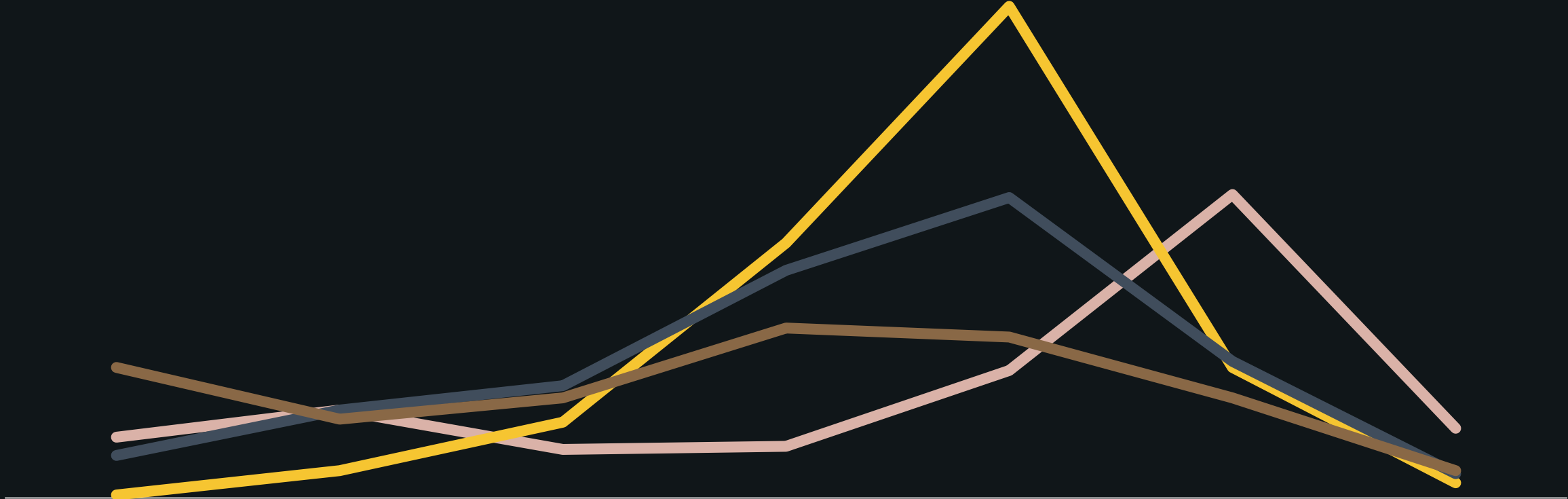
2-3/week

4-7/week

$> 1/\text{day}$

FREQUENCY

TRIP CHARACTERISTICS





UNDIRECTED



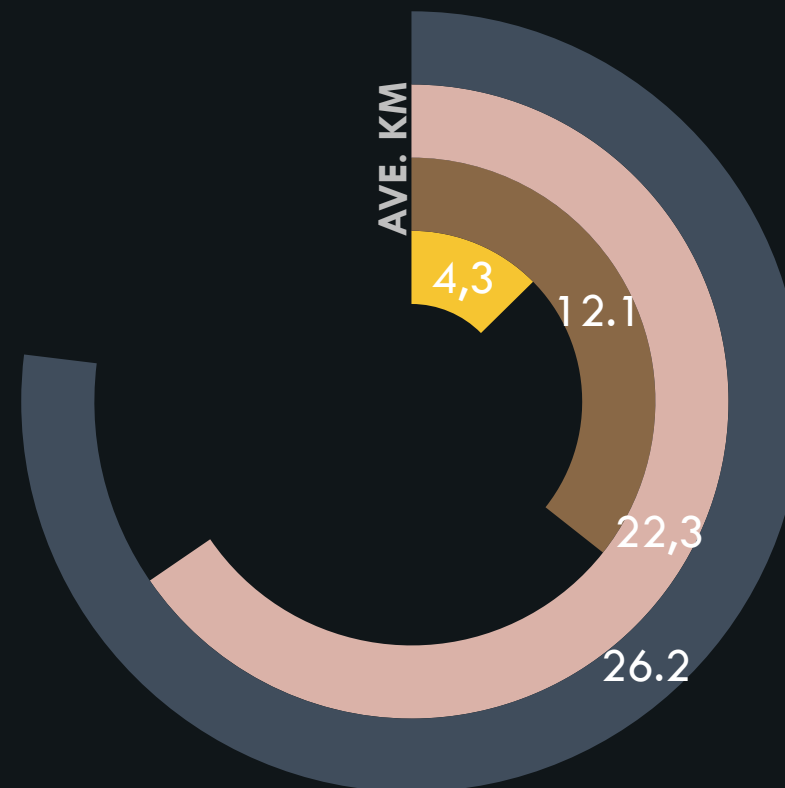
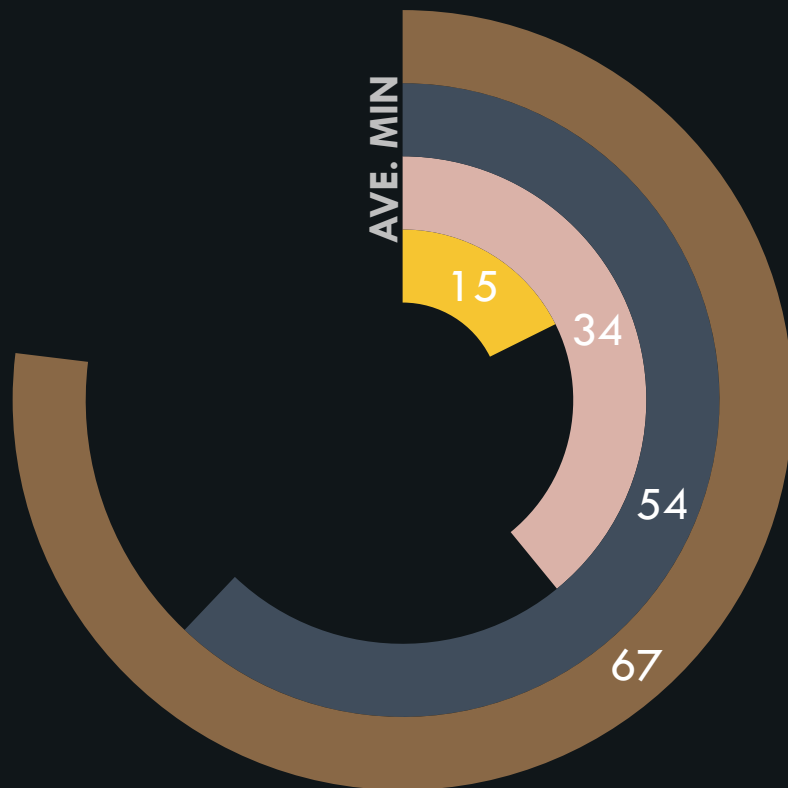
LEISURE



SHOPPING



COMMUTE



DURATION



DISTANCE

TRIP CHARACTERISTICS



UNDIRECTED



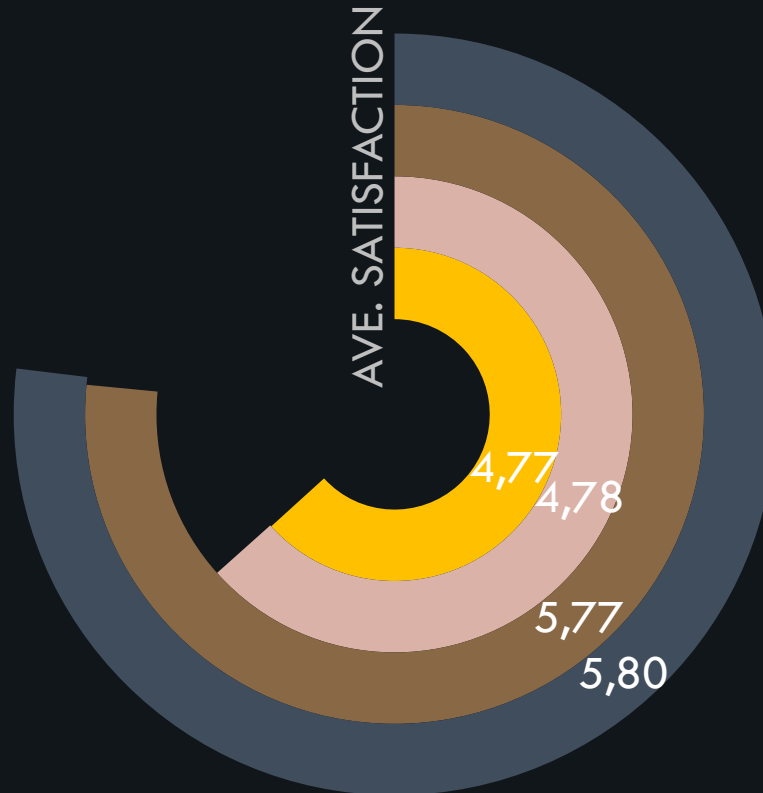
LEISURE



SHOPPING



COMMUTE



TRAVEL SATISFACTION

1

IMPROVING
HEALTH AND
WELL-BEING



2

REMOVING
NEGATIVE
FEELINGS



3

ENJOYING
SCENERY



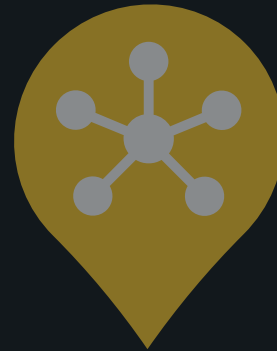
4

OUT-OF-
HOME
SOCIALIZING





EXPERIENCE



**(TRIP)
DIVERSITY**



EQUITY

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FEMALE VS MALE
MOBILITY VALUES

WORTHWHILENESS & VALUE

PRODUCTIVITY

UNDIRECTED
WALKING

TALKING

READING

PERSONAL CARE

ENJOYMENT

PAID WORK

UNDIRECTED
CYCLING & DRIVING

ACCOMPANYING

EATING

RELAXING

FITNESS

LISTENING

WATCHING/GAMING

(ONGOING) RESEARCH

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LONGITUDINAL PANEL SURVEY (2020-2021) IN FLANDERS

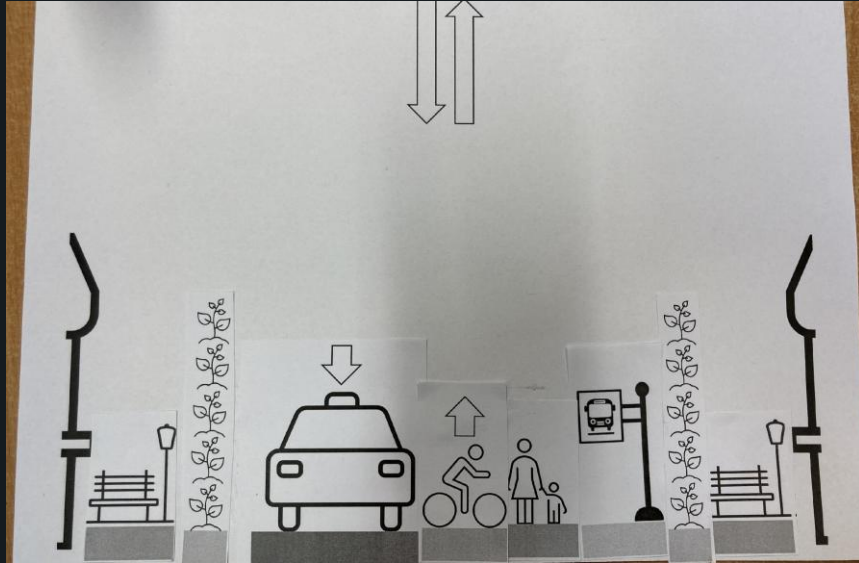
4

MoTiV 2019: EUROPEAN APP-BASED TRAVEL SURVEY

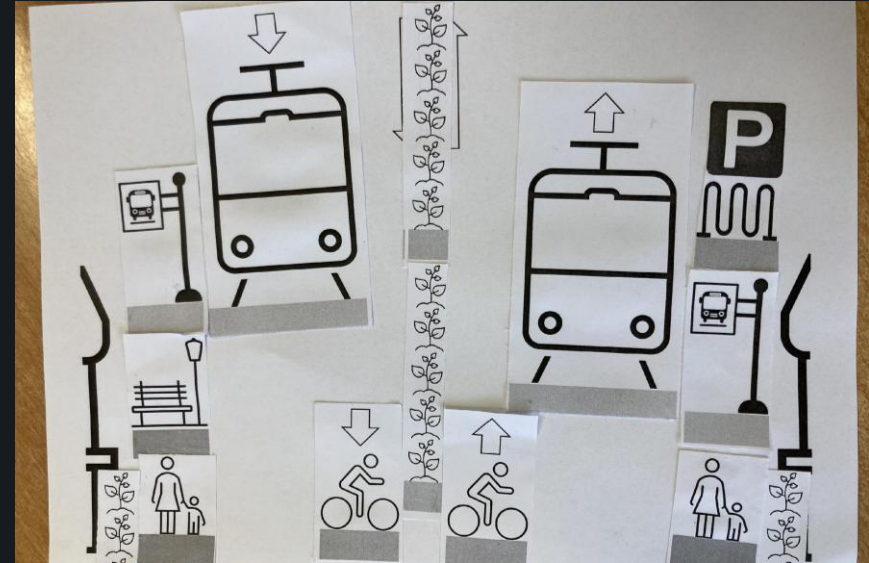
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PARTICIPATORY PLANNING WORKSHOP WITH FLEMISH YOUTH (2024)

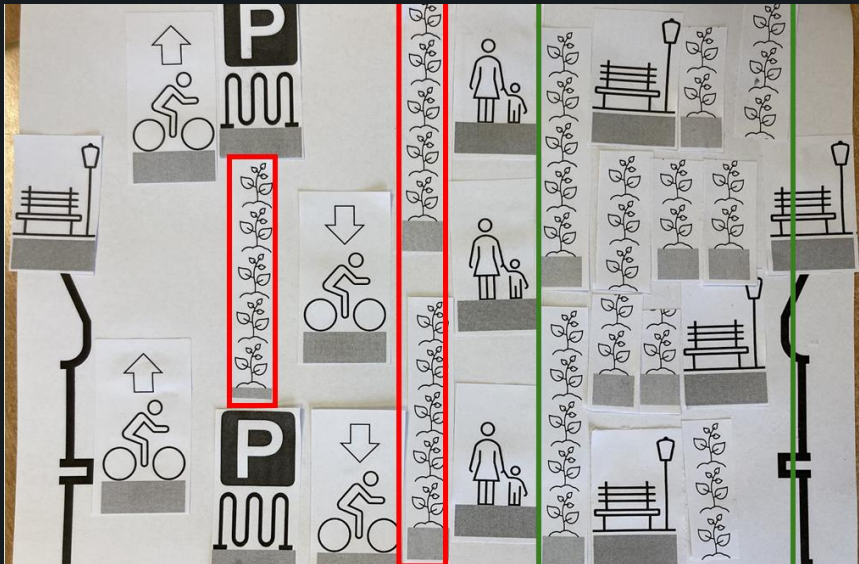
ORGANIZED ENVIRONMENT



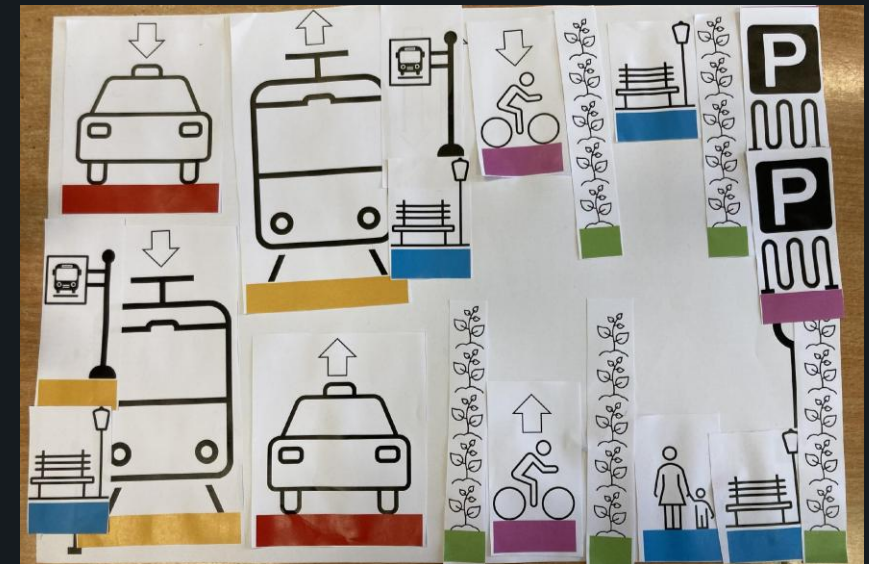
MULTIFUNCTIONAL ENVIRONMENT



GREEN BARRIER VS GREENSCAPE



EXAMPLE GROUP DESIGN



PRE-ADOLESCENT PRIORITIES

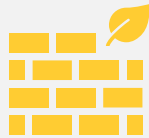
1

**SLOW AND
ACTIVE MODES**



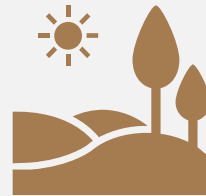
2

**SAFETY,
COMFORT, AND
GREEN
BARRIERS**



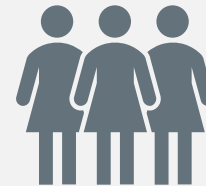
3

**GREENSCAPES
FOR SCENERY &
SUSTAINABILITY**



4

SOCIAL SPACE





**OBJECTIVE &
SUBJECTIVE
WELL-BEING**

**VALUE OF
TRAVEL**



**COST &
EFFICIENCY**

1

NEW MODELS



2

CAUSAL
LINKS



3

LONG-TERM
EFFECTS



4

SPATIAL
JUSTICE



5

TECH &
TELEWORK



6

MOBILITY
CULTURE



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🐦 [Hook_Tweets](#)

SPATIAL PLANNING AND
TRANSPORTATION GROUP
Department of The Built Environment

REVALUING MOBILITY THROUGH
EXPERIENCE, (TRIP) DIVERSITY,
AND EQUITY IN TRANSPORT
PLANNING



Aalto University