

What is a bicycle trip?

A clearer way of thinking about what people want from mobility.

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A red starburst graphic with a jagged, sunburst-like border. Inside the starburst, the text is centered and reads: "I'll place a link to these slides in the Zoom Chat."

I'll place
a link to
these
slides in
the Zoom
Chat.



WINGA
AN BBQ



Swanston St



WINGA AN BBQ

WINGA AN BBQ

What we know.

What we don't know.

Finding out.

What to do with it?

What we know.

What we don't know.

Finding out.

What to do with it?

?

Strong and fearless

No way, no how, am I riding a bike.

Interested but concerned

Work

Work

Commute



What we know.

What we don't know.

Finding out.

What to do with it?

What if the same person wants to, or does, carry out different types of trip on a bicycle?

Might they feel differently about trips that have varied characteristics?

What about when we join different types of trip together?

What is a bicycle trip, anyway?



What we know.

What we don't know.

Finding out.

What to do with it?

- The cycling/bicycle literature
- Seems to deal with trips, but **not as the object of study**. Rather, trips are examples.
- Exploratory literature review method – finding out what's there, even though it isn't explicitly studied.

Trip purpose	References
Social, recreation Dining out	Ji et al. (2017), Dill and Gliebe (2008), Kroesen and Handy (2014), Lee et al. (2015),
Exercise, Leisure	Dill and Gliebe (2008), Kroesen and Handy (2014), Lee et al. (2015)
Dining out	Dill and Gliebe (2008)
Shopping	Bruntlett and Bruntlett (2018), Dill and Gliebe (2008), Heesch et al. (2012), Kroesen and Handy (2014), Lee et al. (2015), Napper (2020), Wexler (2021)
Commute to work	Ballantine and Grant (1998), Dill and Gliebe (2008), Hadland and Lessing (2014), Ji et al. (2017), Lee et al. (2015), Napper (2020), van Mil (2021) Weliwitiya (2019), Wexler (2021), Woodcock et al. (2021).
School/Education	Bondham (2019), Bruntlett and Bruntlett (2018), Dill and Gliebe (2008), Garrard et al. (2012), Ji et al. (2017), Lee et al. (2015), Wexler (2021)
Utilitarian or Transport(ation)	Bruntlett and Bruntlett (2018), Dill and Gliebe (2008), Geller (2009), Hadland and Lessing (2014), Heesch et al. (2012), Napper (2020), Wexler (2021), Zhang et al. (2014)
Carrying cargo	Cyclelogistics (2021), Garrard et al. (2012), Hadland and Lessing (2014), Lachapelle et al. (2021), Napper (2020)
Personal business	Ji et al. (2017), Dill and Gliebe (2008), Wexler (2021)
Carrying passengers	Bruntlett and Bruntlett (2018), Cyclelogistics (2021), Heesch et al. (2012), Garrard et al. (2012), Wexler (2021)
Competitive sport	Burrows (2001), Reid (2015), UCI (2021), Wexler (2021)

Journey types from literature	Proposed Aggregate Journey Type
Social, recreation Exercise Dining out	Recreation
Journey to work School/Education Utilitarian or transportation	Commute
Carrying cargo Shopping Personal business Dining out	Tasks & errands
Carrying passengers	Passenger
Carrying cargo	Work
Competitive sport	Sport



What we know.

What we don't know.

Finding out.

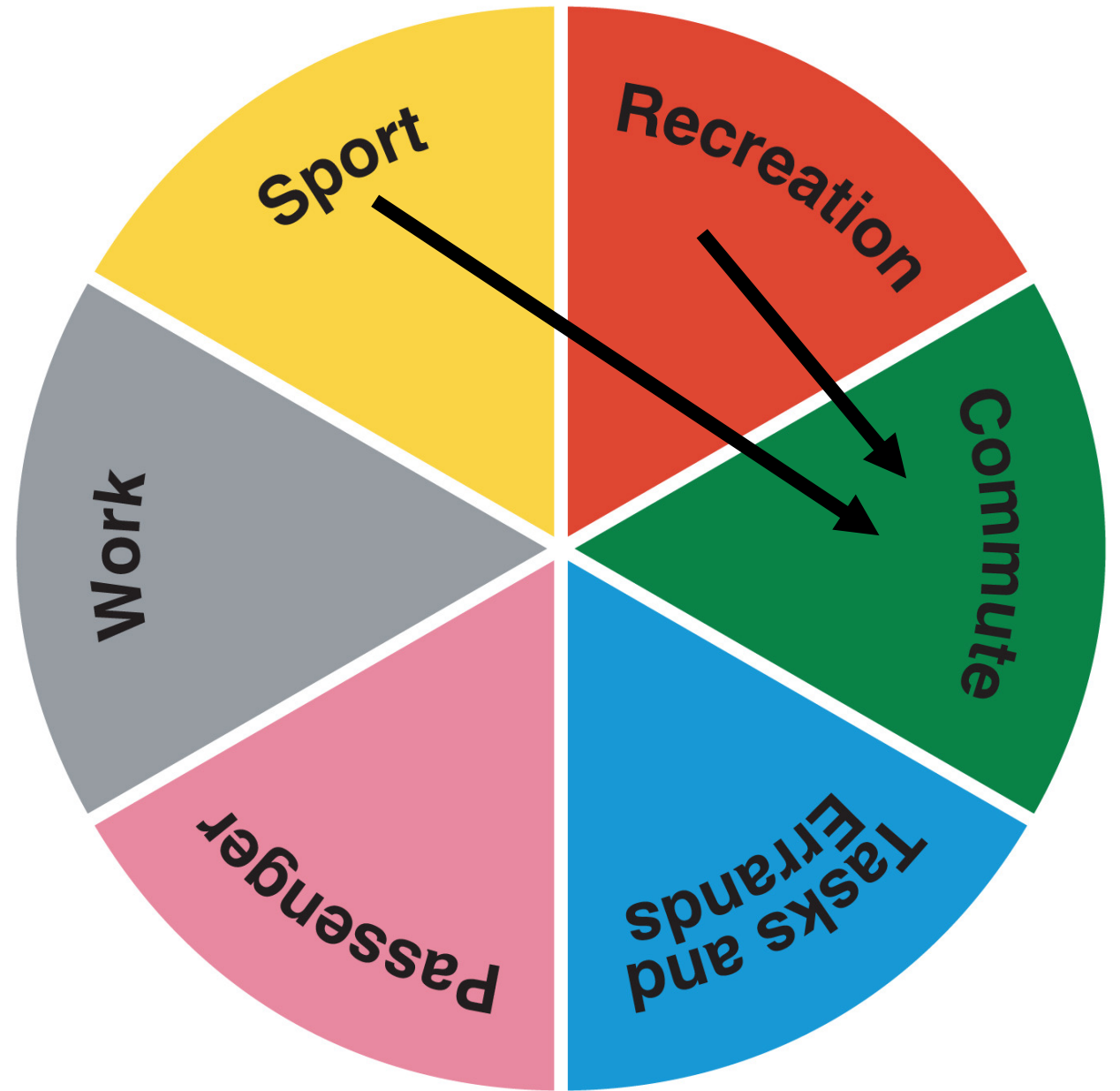
What to do with it?

To apply the typology, let's consider some familiar scenarios...



1.

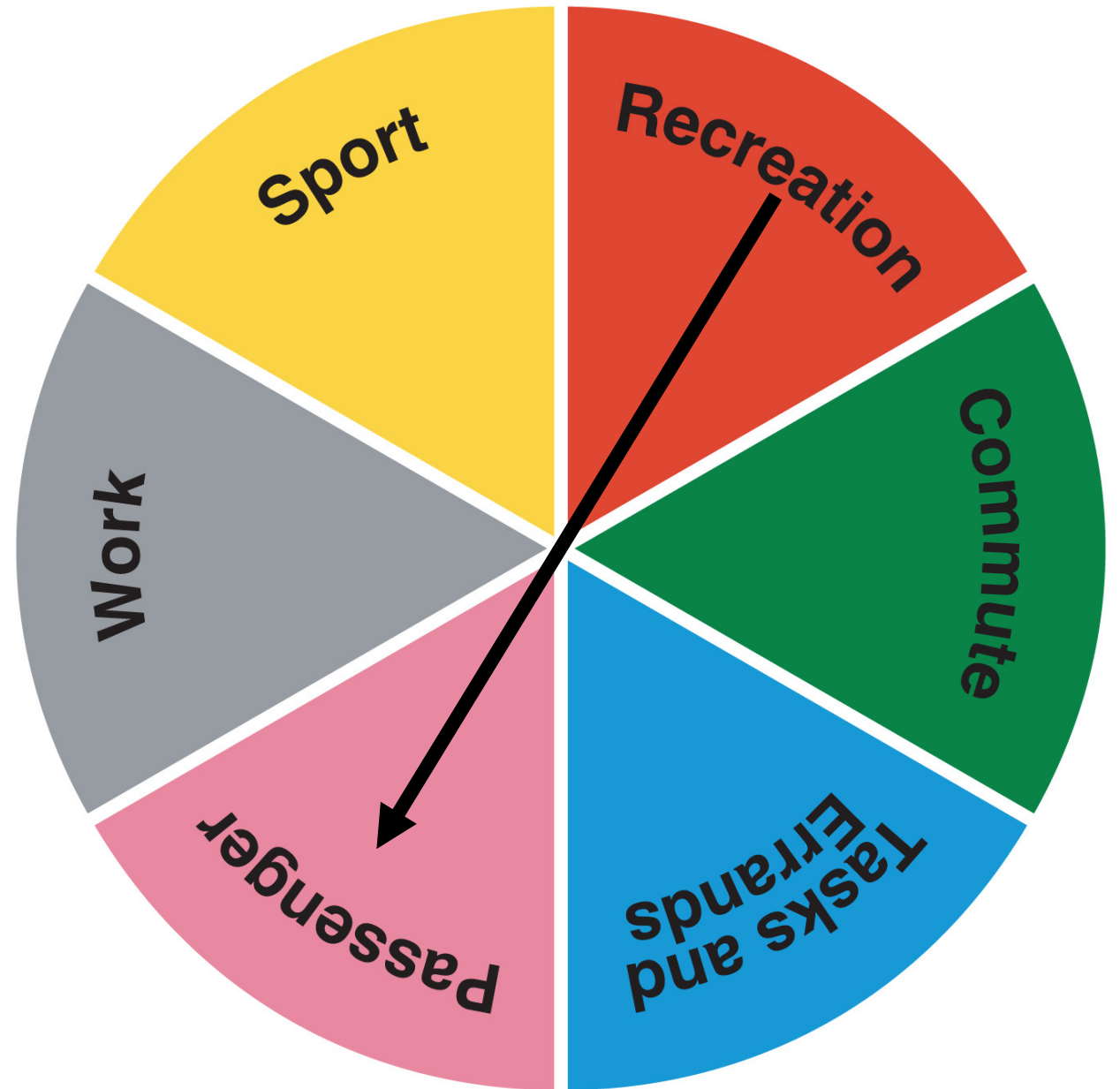
A government wants people who ride for **sport**, or **recreation**, to ride for **commuting**. (vehicle design)



2.

How can we encourage people who know how to ride, and are ok with it, to undertake passenger trips?

Especially when the road rules apply differently to this task?



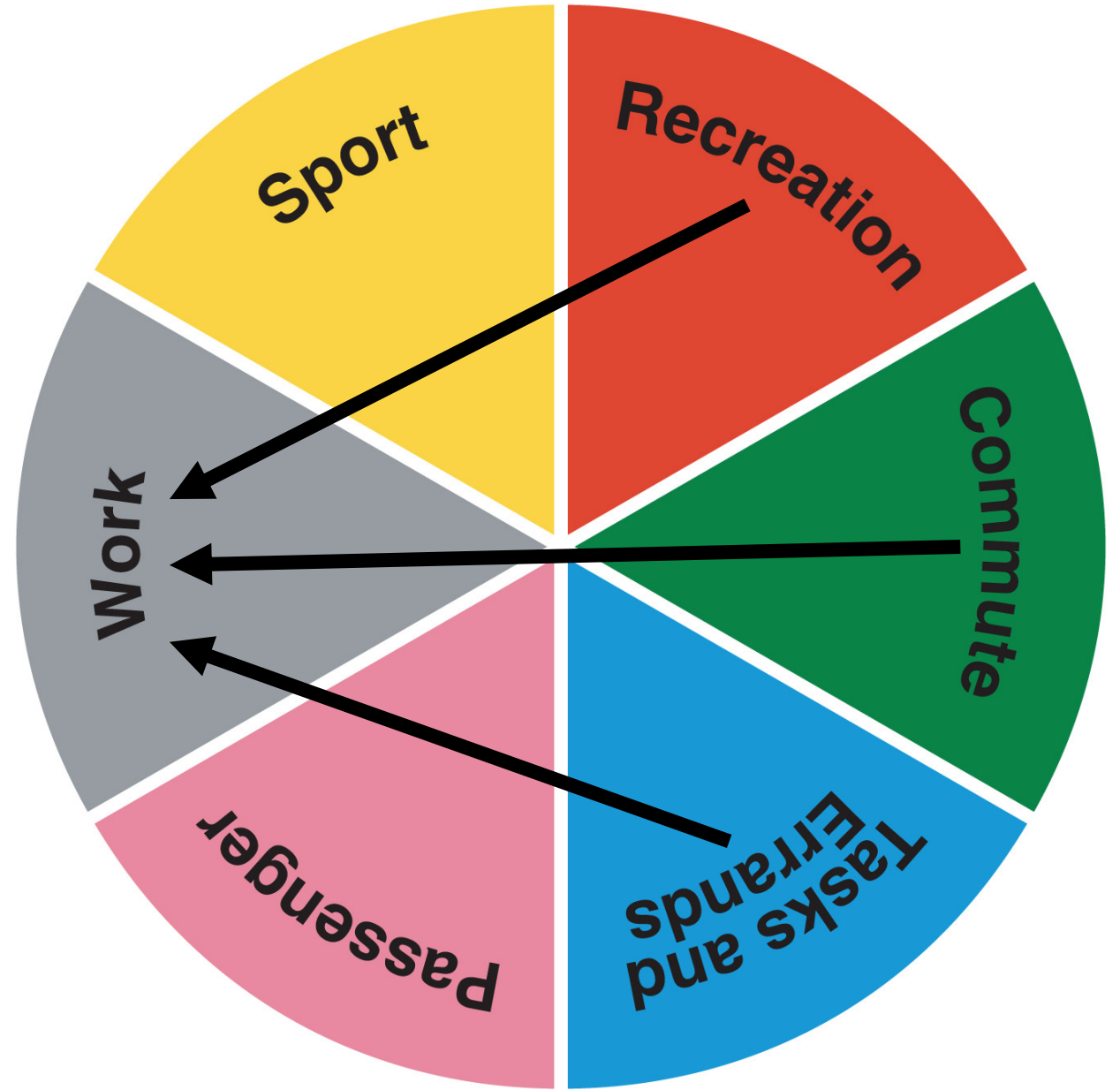
3.

What kind of parking would be useful for **tasks and errands?** (urban design).

“Mobility of care” requires many more stops per km than commuting.



4.
What are the differences between **work** and non-work trips?
(road safety)



Thank you

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