

# Mobility!

## A Catalyst for Social and Environmental Justice



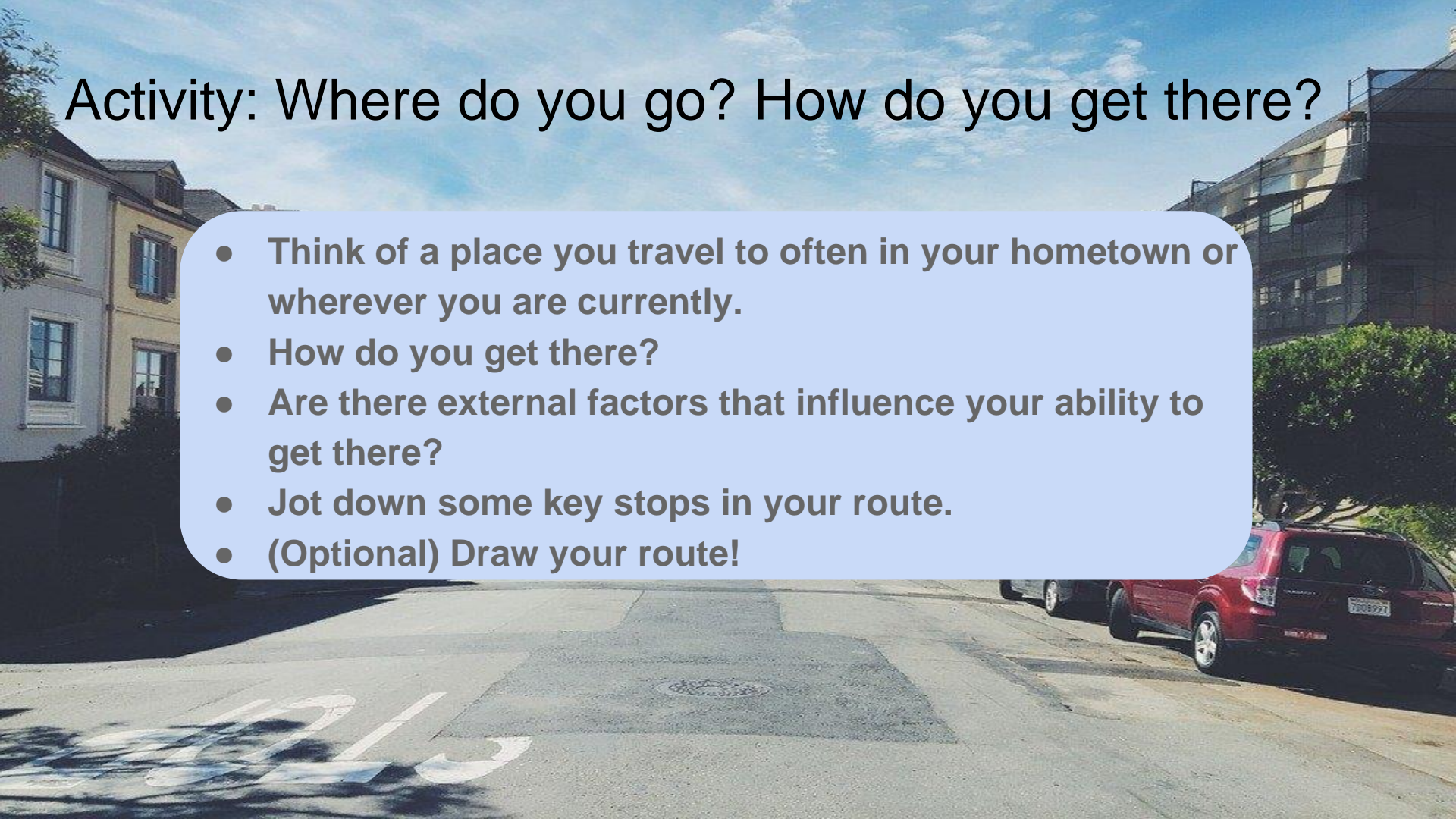
# Mobility! A Catalyst for Social and Environmental Justice

## Brief Outline

- Activity: Thinking about mobility
- Defining and Explaining Mobility
- Activity: Mobility and the Sustainable Development Goals
- Mobility and the Political
- Mobility and Carlisle
- Activity: Action Steps
- Links to resources

# Activity: Where do you go? How do you get there?

- Think of a place you travel to often in your hometown or wherever you are currently.
- How do you get there?
- Are there external factors that influence your ability to get there?
- Jot down some key stops in your route.
- (Optional) Draw your route!



# What is Mobility?

- Mobility: the ease in which a person can move through a space
  - How people and goods move from place to place, respective to norms, expectations, laws, communications and competences which influence the transport system
  - A concept broader than solely transportation, or solely trips
    - Affected by feelings/perceptions, comfort, cultural factors
  - Distinct from accessibility
- Mobility Justice
  - Transportation is a necessity right to fair and equitable access to the good of transportation
  - Access, availability, affordability
    - Diversified transportation methods
  - Environmental implications of transportation

# What Does it Look Like?

- “Sufficient level of accessibility to all under most circumstances” (Martens, 2017)
- Support for multiple methods of transportation
  - Choice Riders and Transit Dependent
- A transportation planning process that takes into account all of these diverse needs





# Activity: Which SDGs does mobility relate to?



# Power and Politics of Mobility

The movement patterns we create determine where we go, where the people there go, and who gets access to space and land.

Think back to mobility as a right every human has, and deserves to be ensured- and then to this history- do you see power and politics at play?





## Who's spending money on politicians?

Federal lobbying and campaign donations reported for the two-year period, 2017-2018

Source: OpenSecrets.org



Koch Industries  
\$30,049,990



Exxon Mobil  
\$24,808,369



Chevron  
\$23,999,538



Royal Dutch Shell  
\$16,870,000



American Petroleum  
Institute \$15,450,000



Marathon Petroleum  
\$14,478,123



Occidental  
Petroleum  
\$13,940,912



BP  
\$11,210,000



ConocoPhillips  
\$7,761,505



Phillips 66  
\$7,410,000

Image by Karin Kirk  
for Yale Climate Connections

## In U.S. politics, fossil fuels outspend renewables by more than 13 to 1

Federal lobbying and campaign donations reported, 2017-18

Source: OpenSecrets.org



**\$359,165,917**

oil, gas, and coal industry  
lobbying and campaign donations  
in 2017-2018 election cycle

\$13.70 in fossil fuel spending for every  
\$1 of renewable energy spending



**\$26,204,224**  
renewables

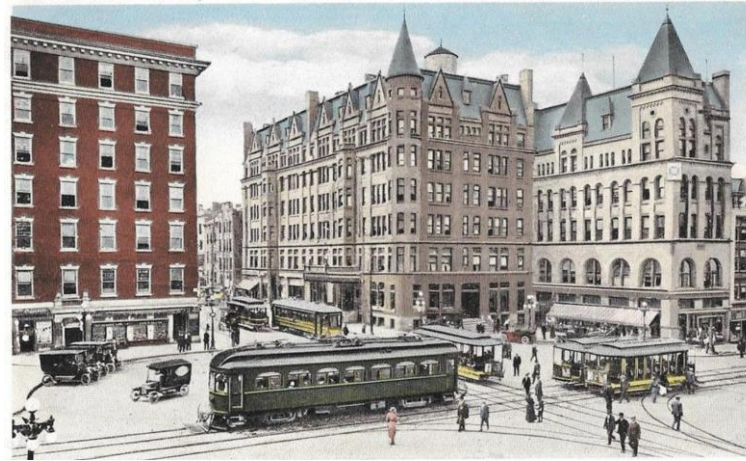
Image by Karin Kirk for Yale Climate Connections

In 2020 we can see more evidence than ever that the fossil fuel industry has put profit above our communities, our democracy and our futures

It wasn't always like this and we haven't gotten it totally wrong every time, but even the best transportation systems in the world fail to support those who need transit and mobility the most to where they need to go.

Because they start at the wrong place

Those who need transit and public transportation the most should be centered- if their needs are met, then others needs will likely also be met



Streetcars in York, PA early 1900s

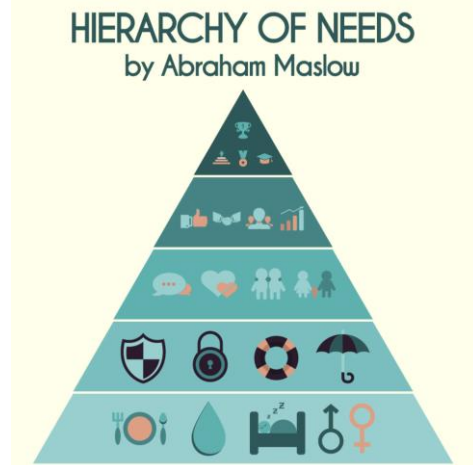




*Not just equity, but catering to those who need transit/transportation the most to get their needs met, and have the most mobility possible to access to resources they need*

## RULES OF TRANSPORT PLANNING BASED ON PRINCIPLES OF JUSTICE

1. **Who is where and how they can get places**, and what prevents them from getting there
2. **Evaluate existing accessibility** , in many ways so that you can make sure its as well measured as possible
3. **Building a threshold a base**, a floor so that everyone gets a certain amount of accessibility , not assuming that it will be equal or equitable because thats impossible but creating a baseline that must be upheld— and making sure that the people who need it most are supported through a democratic process
4. **Identify the people or places that are the least well off-** from measurement in step 2 and those who are under the baseline that is set in step 3
5. **Decide how bad it is for who** using the accessibility fairness index - you can have a group that doesn't have access but it doesn't mean its unfair, because they might have resources
6. **Prioritize communities and areas based on accessibility deficiency**
7. Figure out why there are **accessibility shortfalls or blockages** — thinking about one train or bus or road or specific piece of infrastructure (TYPICALLY THE 1st STEP IN TRAD PLANNING)
8. Think of your **most efficient point of intervention**
9. Rather than cost benefit we must think about the **benefit specific to those who need it the most** rather than the benefit itself = cost effectiveness
10. **Implement, measure and asses**



In this global web how can we change our role in these systems and burn less fossil fuels while meeting the needs of ALL communities?

community resilience and increasing access to tools that offer mobility (bikes, buses, positions of power and decision-making)



# Mobility in Carlisle

*How do folks get around?*

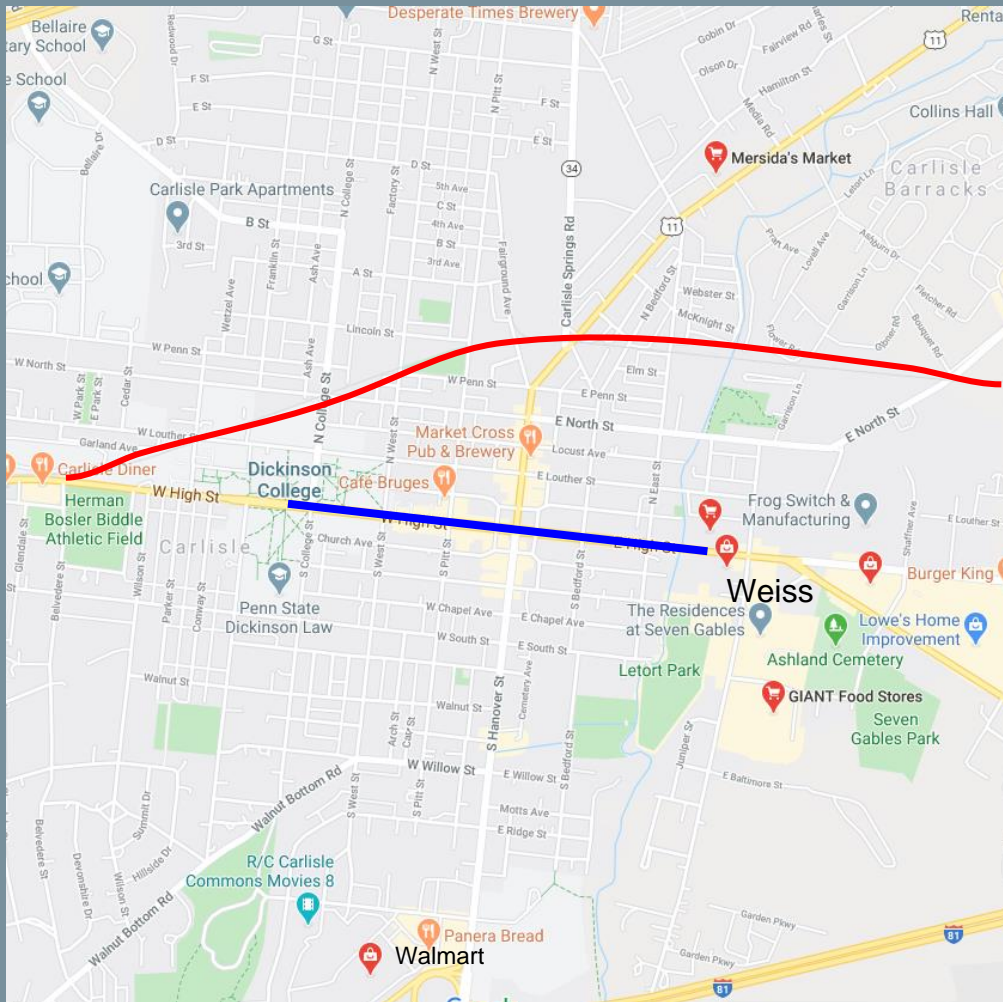
*Where are folks going?*



- Cars
  - Private
  - Rideshare
- Public transportation
  - CAT Busses (Carlisle and Allen Road Routes)
- Walking
- Other modes
  - Biking

- Work
  - Harrisburg
  - Warehouses
- Shopping
- Travel
  - Harrisburg Airport
  - Harrisburg Bus/Train station

# Food Access in Carlisle



# Biking and Mobility in Carlisle

- Who do you think bikes in Carlisle? How many people have you seen biking? Jot down some notes
- Biking
  - Job access and security
  - Supported by local organizations and initiatives
  - Biking resources
- Places for improvement
  - Bicycle education
  - Coordinated advocacy



# Action Steps: What can you do now?



**What are some concrete actions we can do right now to increase awareness about mobility justice and advocate for safe use and access to bimodal forms of transportation?**



# Resources

- Template for contacting government representatives:  
<https://www.apa.org/advocacy/guide/letter-email>
- PA Commuter Services: <https://pacommuterservices.org/>
- Earth Day Live 2020 with content 24/7 from today until friday!:  
<https://www.earthday.org/earth-day-2020/>
- “Carlisle Earns Bicycle Friendly Designation”  
[https://cumberlink.com/news/local/communities/carlisle/carlisle-earns-bicycle-friendly-designation/article\\_51c233b6-6847-5c98-bc1d-58e351a575ab.html](https://cumberlink.com/news/local/communities/carlisle/carlisle-earns-bicycle-friendly-designation/article_51c233b6-6847-5c98-bc1d-58e351a575ab.html)
- Transit Center: <https://transitcenter.org/publication/inclusive-transit-advancing-equity-improved-access-opportunity/>
- Carlisle Celebrates Earth Day on Facebook live Sat 4/25 10 am -4 pm
- City Lab! MANY resources on the intersections of planning and social justice