

Climate on Tap “Taming Bigfoot – and beyond!”



Facilitators:
Cindy Jayne
Laura Tucker

Sponsored by:

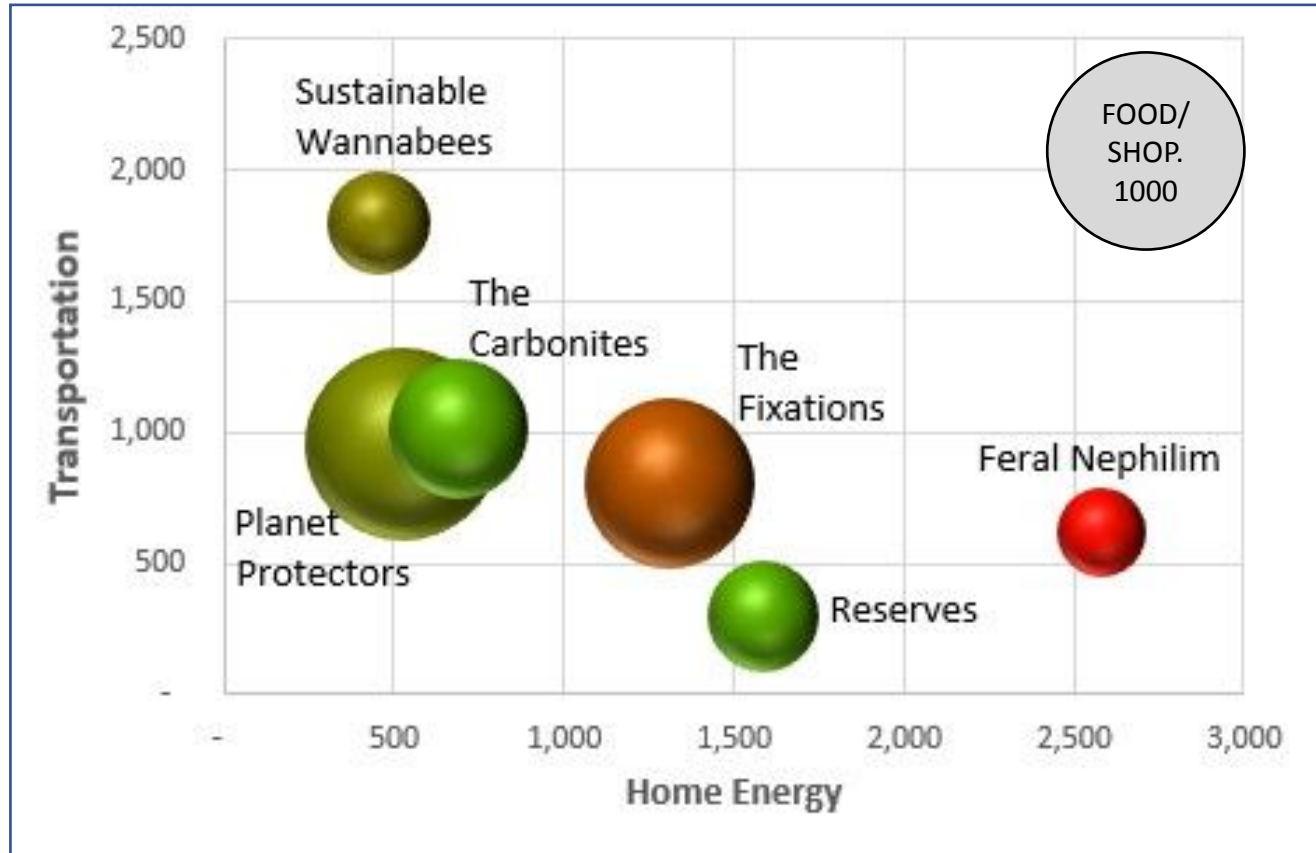


Group Poll!



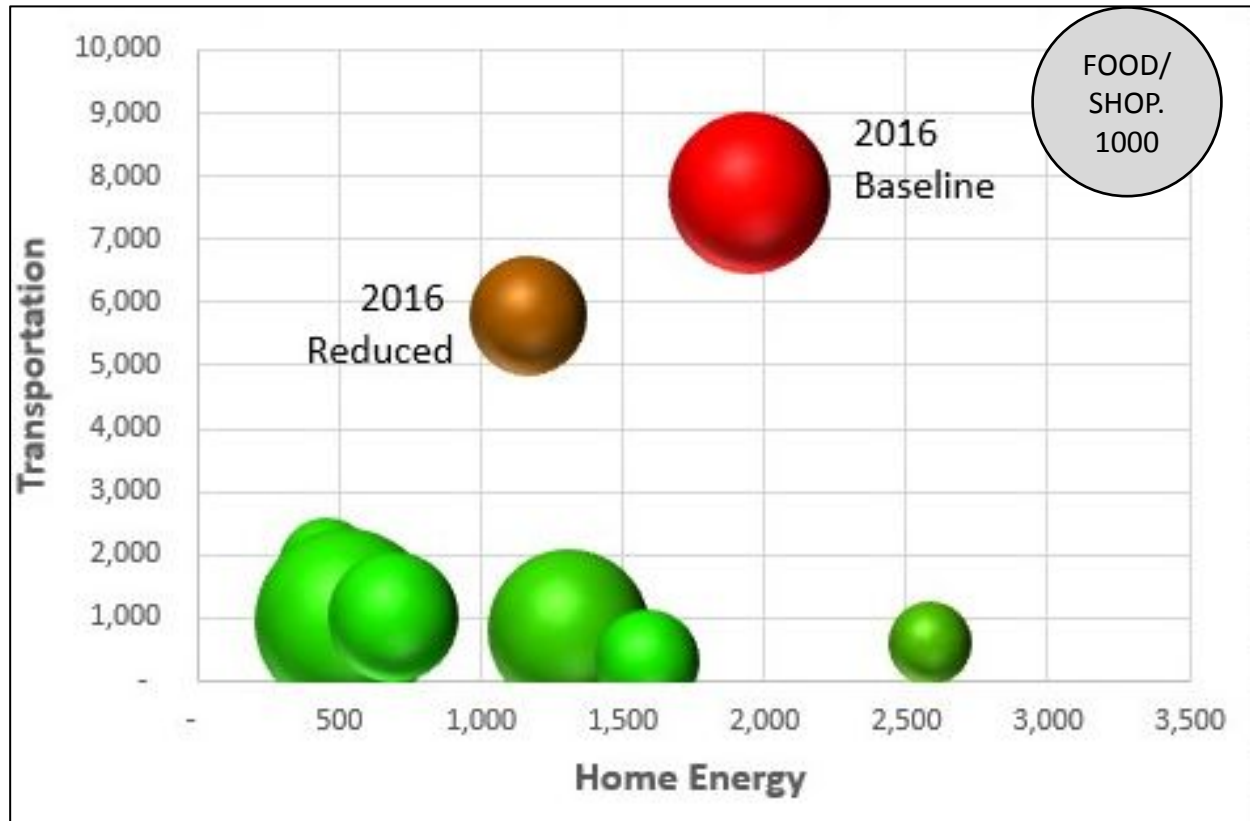
- 1) What do you think was the largest output of CO₂ for this year's Taming Bigfoot competition?
 - a. home heating and energy use
 - b. food and shopping (purchases)
 - c. transportation
- 2) Did you participate in the 2016 Taming Bigfoot competition? • Yes • No
- 3) Did you participate in the 2021 Taming Bigfoot competition? • Yes • No

Final 2021Team Footprints (lb. CO₂e)



Overall 1500 2000 2500 3000 3500

Comparison with 2016 Footprints

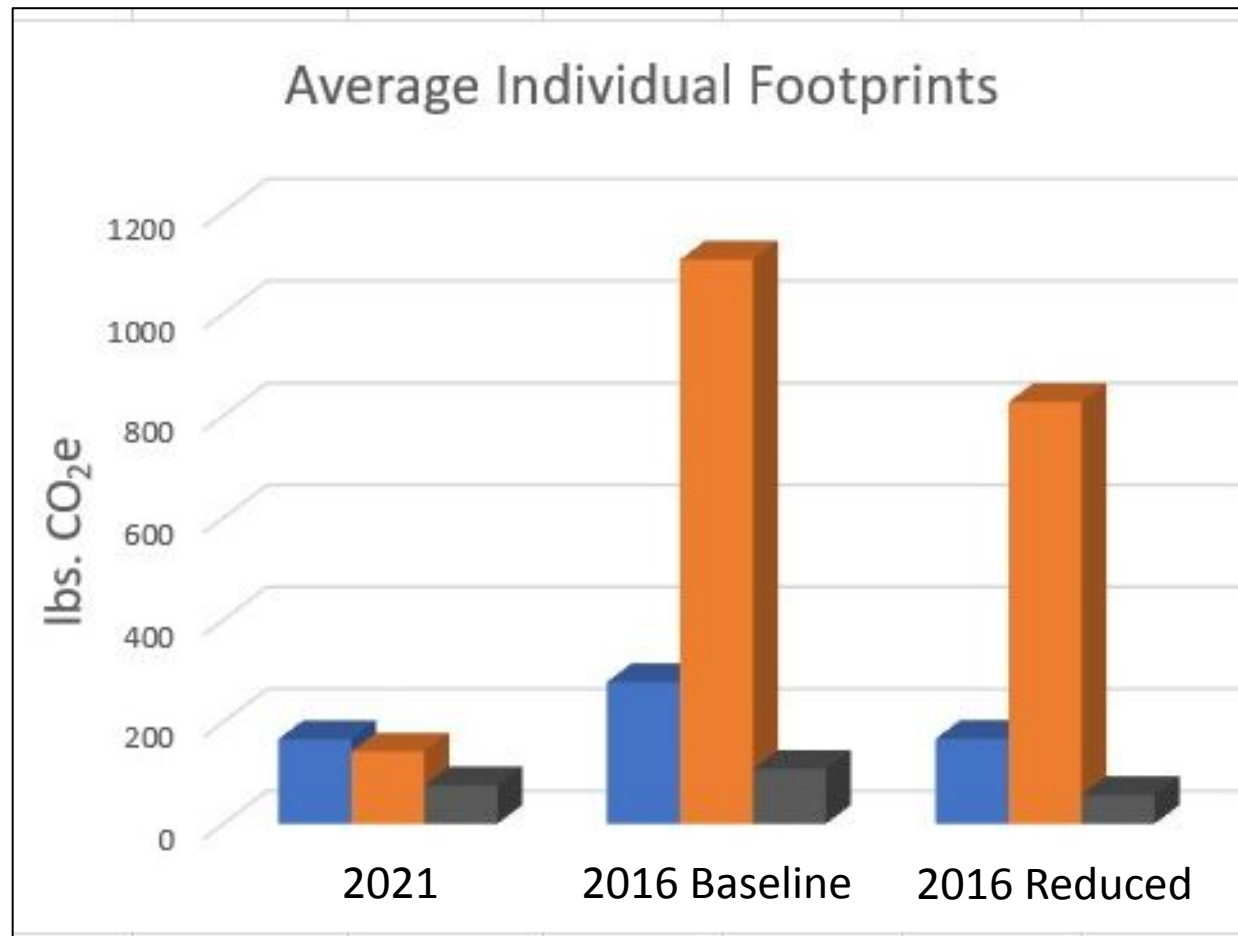


Overall 1500

3500

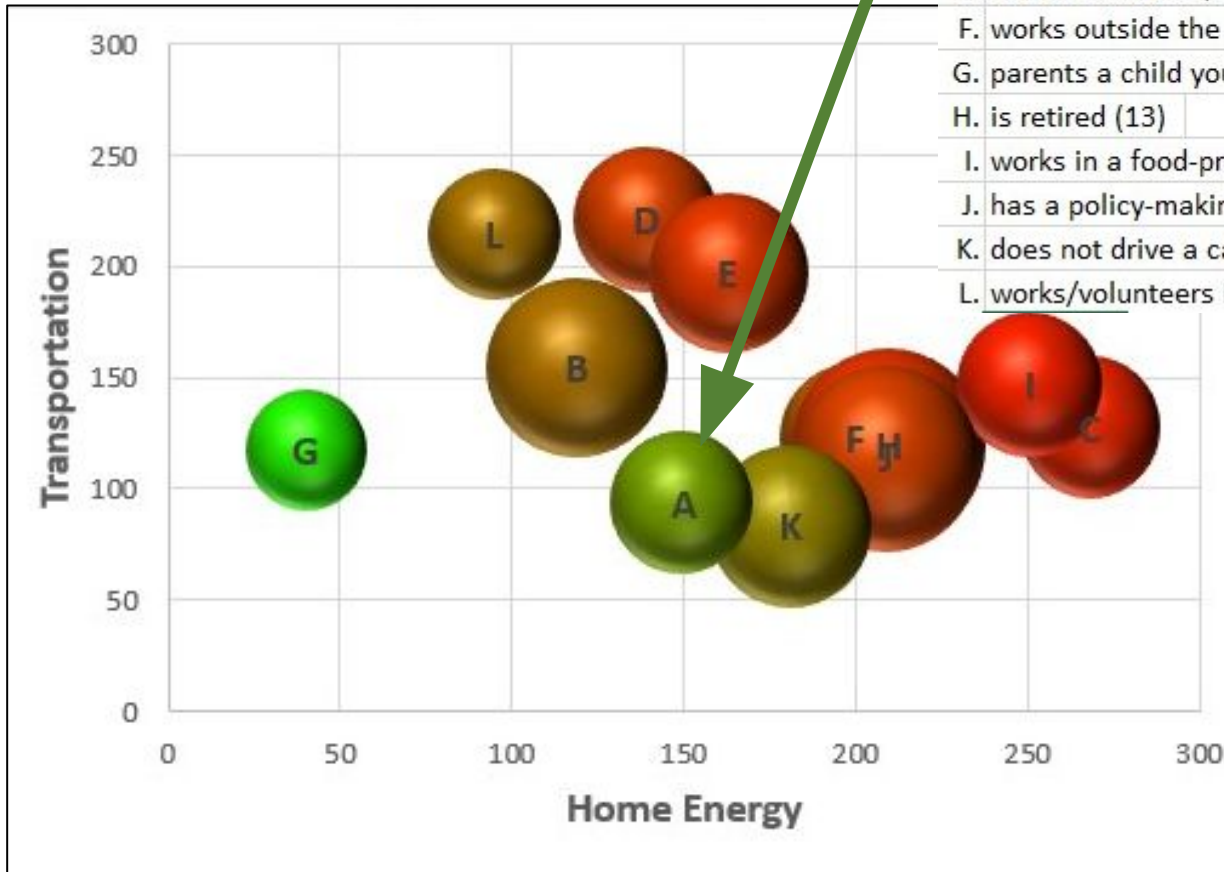
5000

10,500



Individual Carbon Footprints	2021 Average	% of total	2016 Baseline	% of total	2016 Reduced	% of total
Home	166.2	43%	278.2	19%	166.8	16%
Transportation	141.8	37%	1106.1	74%	827.3	79%
Food/Shopping	75.7	20%	107.7	7%	56.9	5%
Overall	383.8	100%	1492.0	100%	1051.0	100%

“Types” of Residents



A. is under 30 years of age (6)

B. lives within Port Townsend city limits (23)

C. lives outside Port Townsend city limits (14)

D. owns a local business (9)

E. is a tele-worker (9)

F. works outside the home (7)

G. parents a child younger than 12 years old (3)

H. is retired (13)

I. works in a food-producing industry (2)

J. has a policy-making role within the community (6)

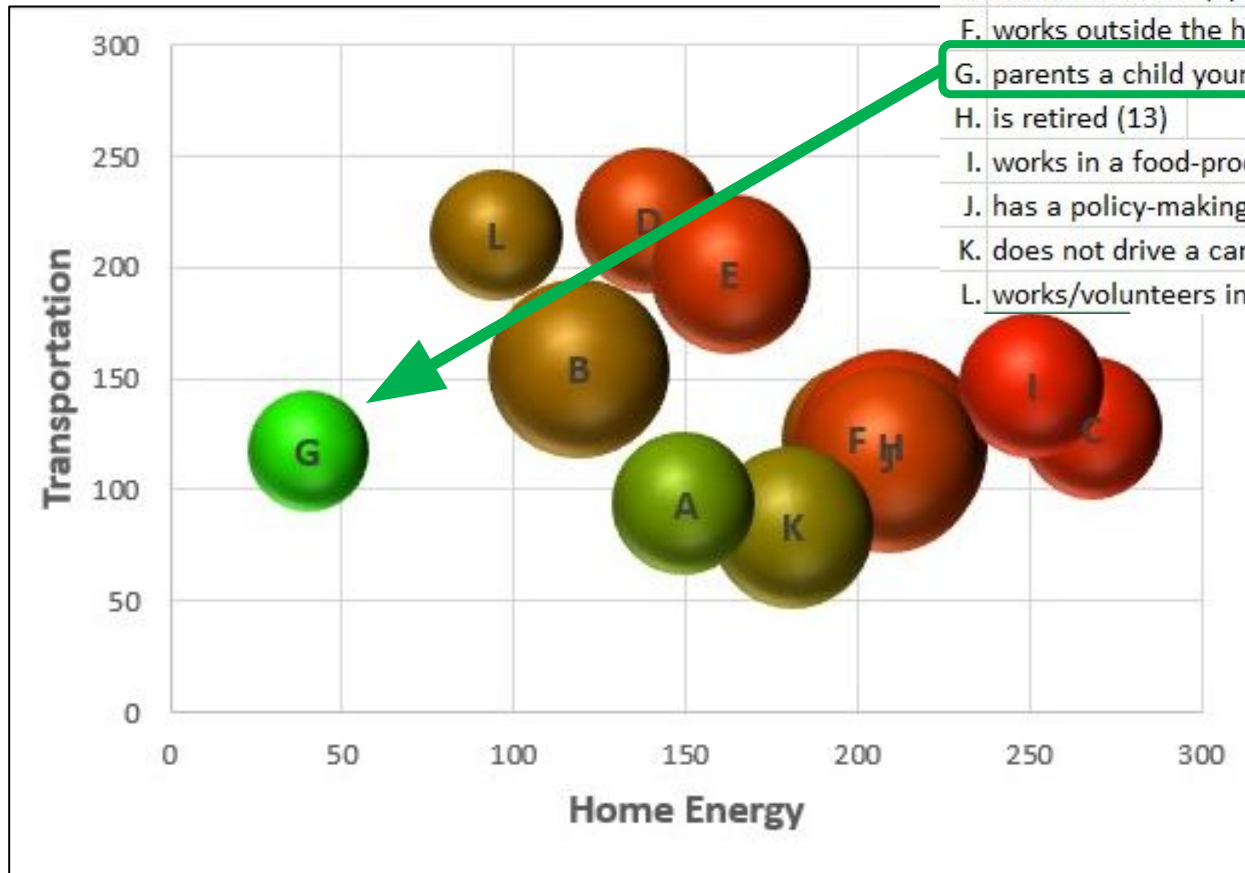
K. does not drive a car regularly (less than 5 times per week)(19)

L. works/volunteers in education (9)

Overall 150 200 300 400 500

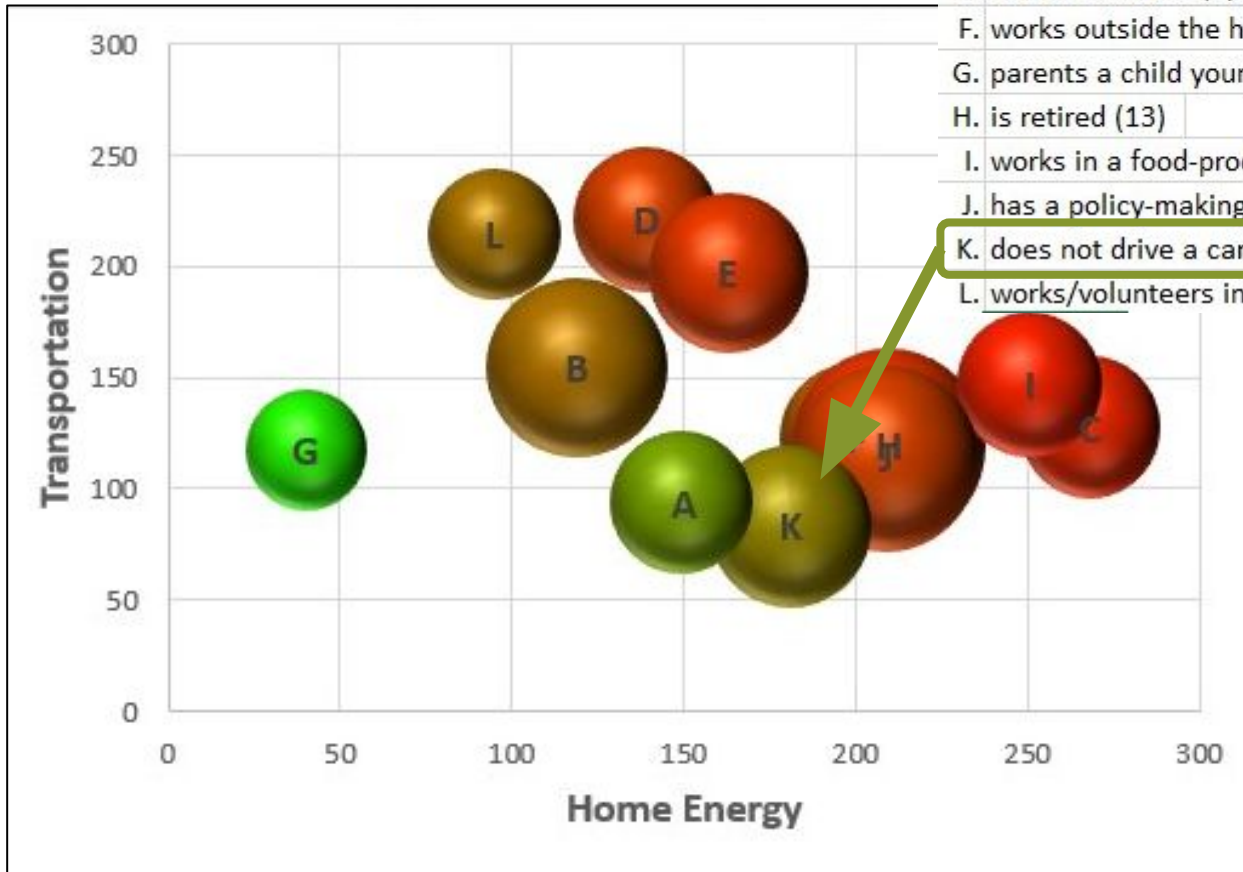
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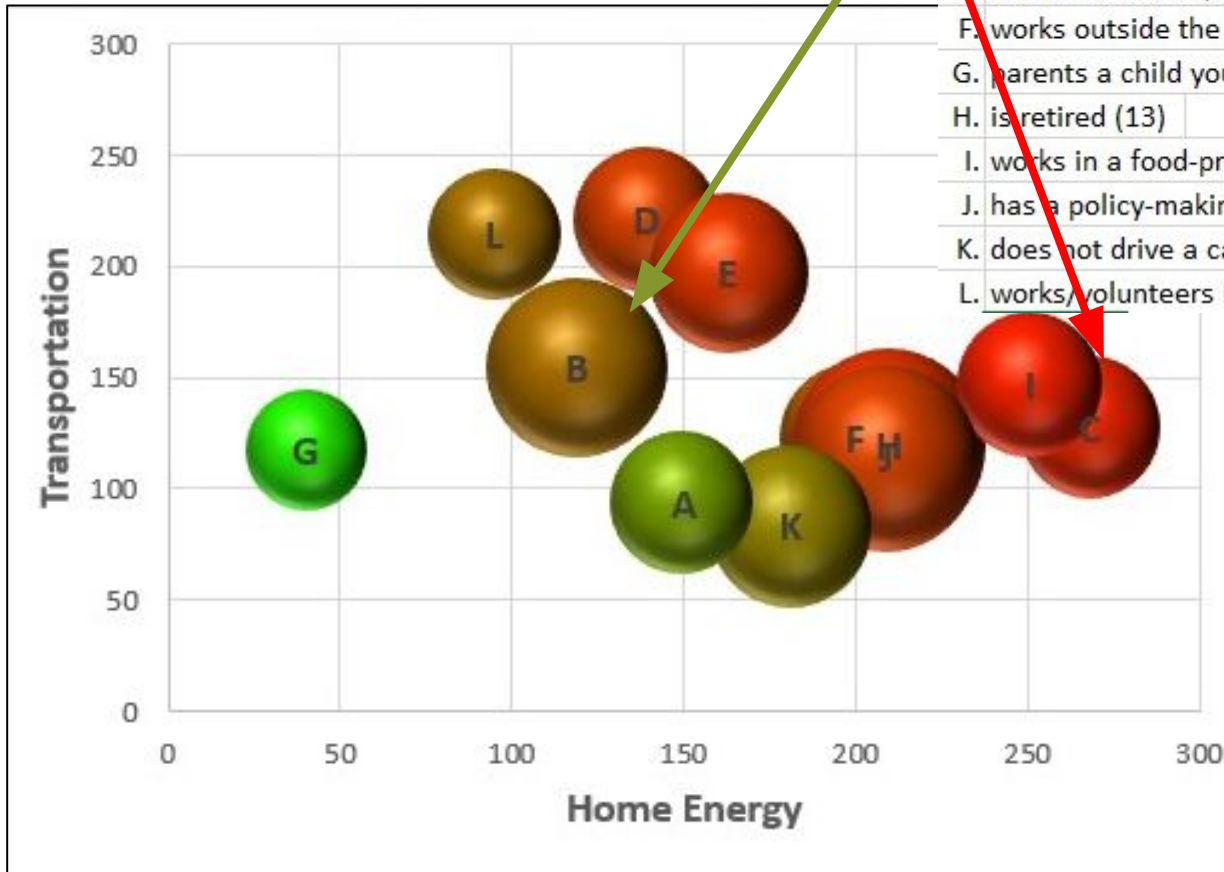
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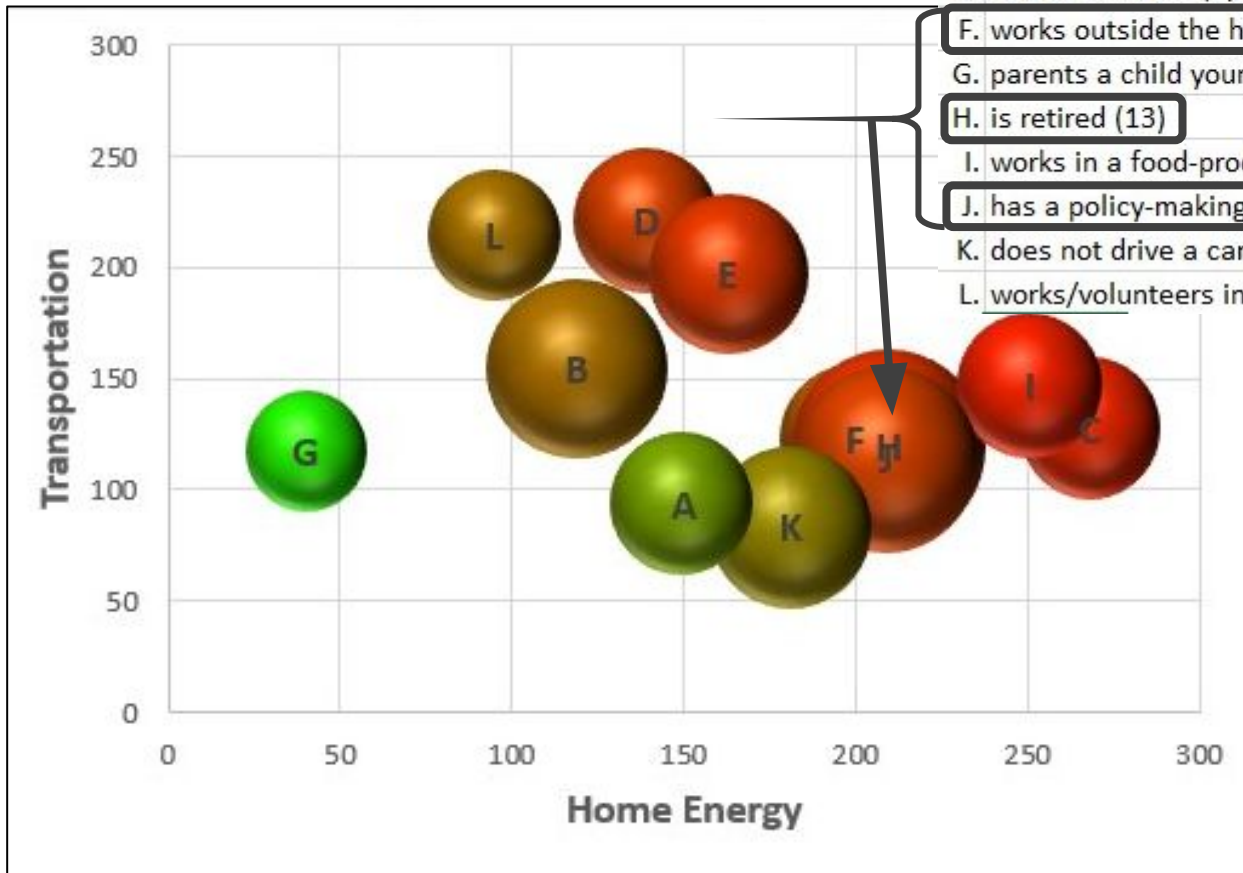
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Categories

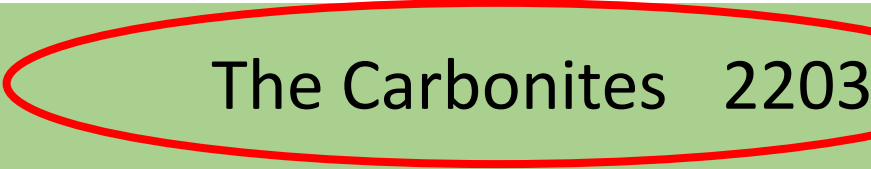
- Team
 - Lowest Overall
 - 2nd Lowest Overall
 - Lowest Home Energy
 - Lowest Transportation
 - Lowest Food/Shopping
- Individual
 - Lowest Overall

Donors

- Olympic Biochar
- JeffCo Public Utility District (PUD)
- The ReCyclery
- Bulldog Bicycles
- City of Port Townsend
- North Olympic Salmon Coalition
- Jefferson County Public Health

Lowest Overall Team Footprint

Prize: 1 cubic yard of BIOCHAR
(courtesy of Olympic Biochar)



The Carbonites	2203
Planet Protectors	2449
Sustainable Wannabees	2525
The Fixations	2874
Feral Nephilim	3400

2nd Lowest Overall Team Footprint

Prize: 2 bicycle tune-ups

(courtesy of Bulldog Bicycles)

The Carbonites	2203
Planet Protectors	2449
Sustainable Wannabees	2525
The Fixations	2874
Feral Nephilim	3400

Lowest Home Energy Team Footprint

Prize: 1 cubic yard of Compost

(courtesy of City of Port Townsend)

Sustainable Wannabees	454
Planet Protectors	526
The Carbonites	693
The Fixations	1310
Feral Nephilim	2583



Lowest Transportation Team Footprint

Prize: 7 PUD Goodie Bags
(courtesy of JeffCo PUD)



Feral Nephilim	621
The Fixations	810
Planet Protectors	951
The Carbonites	1013
Sustainable Wannabees	1801

Lowest Food/Shopping Team Footprint

Prize: 2 bicycle tune-ups
(courtesy of The ReCyclery)

Feral Nephilim	196
Sustainable Wannabees	269
The Carbonites	498
The Fixations	754
Planet Protectors	972

Lowest Individual Overall Footprint

Prize: Earth Machine Composter
(courtesy of Jefferson County Public Health)

Karen Anderson	Planet Protectors	127.0
David Covert	The Carbonites	91.7
Cindy Bratz	The Carbonites	135.7
Carol Cummins	Sustainable Wannabees	78.5
Ella Becker	Sustainable Wannabees	120.3

VS. average footprint of highest team = 485 lbs. CO₂



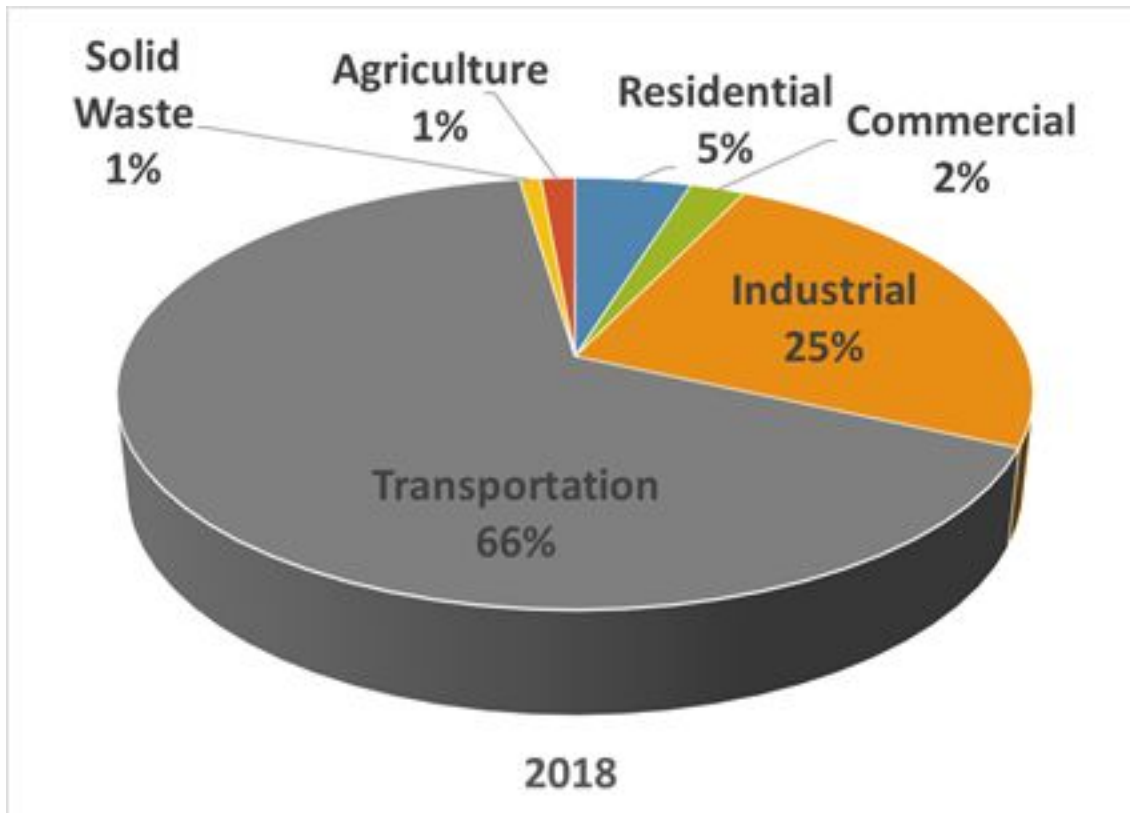
What was the most
interesting or
surprising thing
you learned about
**Taming Bigfoot –
Recovering Greener?**



Take a few minutes to ponder this,
then share your thoughts
with those in your break-out group.

**Key take-aways from 2016 and 2021 Taming
Bigfoot about transportation; Laura makes this
slide**

Setting the stage for transportation discussion (Cindy)



But in Taming Bigfoot 2021, transportation (including flying) dropped 87% below the 2016 baseline!

What are some strategies or structural changes that would enable you to drive less (individual and/or at a community level) (Cindy)

CARPOOLING/VANPOOLING



EMPLOYER INCENTIVES

LIVING CLOSER TO WORK

OTHER???

**COMBINING
TRIPS**



Breakout for transportation
discussion; Laura creates slide

**Key take-aways from 2016 and 2021 Taming
Bigfoot about home energy and food; Laura makes
this slide**

Home Energy (Cindy)

Propane, fuel oil and wood are the biggest culprits in home energy as they have the highest CO2e per household:

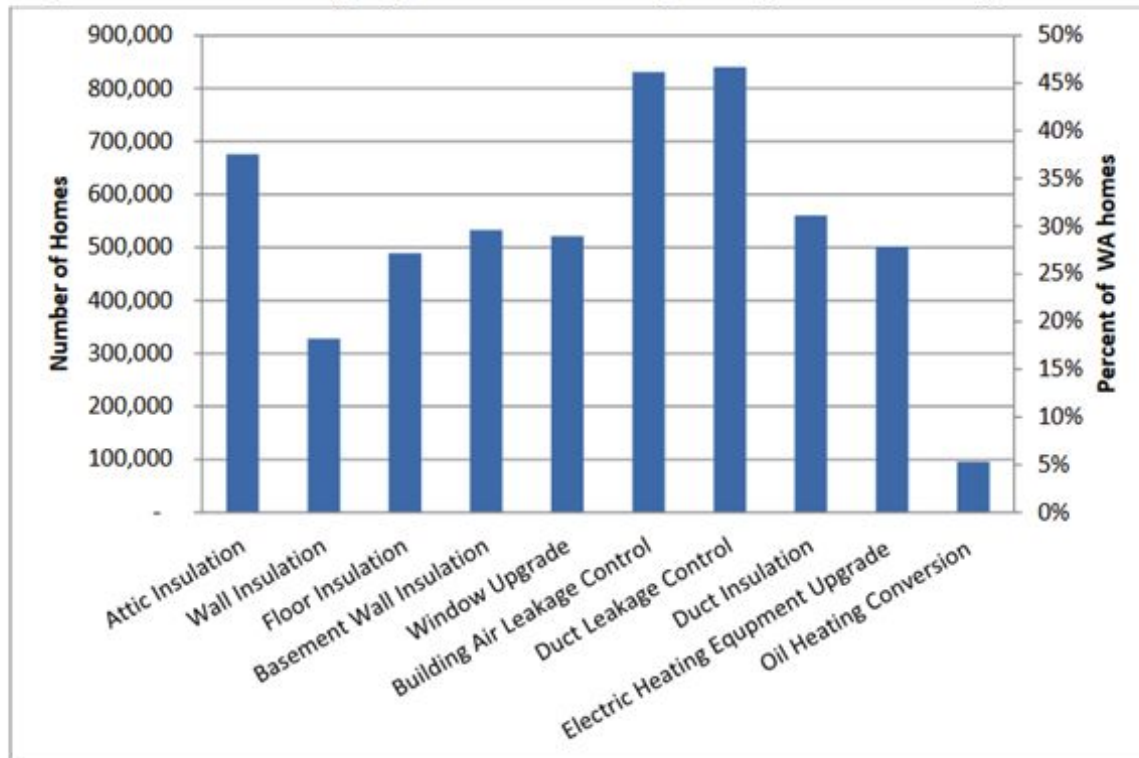
Residential Stationary Energy CO2e by Fuel Type	
	CO2e per Household
Wood	1.1
Propane	2.6
Fuel Oil	4.7
Electricity	0.1
Total	

Home Energy (Cindy)

Solutions:

- Replace propane/wood/fuel oil heaters with Heat Pumps (house and water)
- Insulate:

Graph 3-1: Estimate of Energy Upgrade Potential for Single Family Homes in Washington State



What are some actions, strategies, and opportunities you could use to reduce your home energy and food footprint? (Laura makes this slide)

Whole group discussion

What can YOU do?

Individual Efforts Add Up!

Make consumer choices that reduce energy use

Consider the environmental impact of the items you buy

Reduce your use of fossil fuels wherever possible:

- drive less; carpool more
- take public transportation
- promote non-motorized transportation
- walk
- take fewer plane trips
- ride a bike

Use the 7 R's: Refuse, reduce, reuse, return, repair, recycle, rot

Eat locally grown food whenever possible – even better ... plant a garden!

Electrify whatever you can – appliances, home heating, your vehicle

Plant trees – 70% more CO₂ is stored in trees than in the atmosphere

Compost food and yard waste

What can YOU do?

Take the Pledge!

**Get together
with your team!**

After tonight, plan a time
to get together and
discuss what you have
learned and what you
plan to do next. Take the
pledge to make a
difference!



**I pledge allegiance to the Earth and all the
life which it supports. One planet in our care,
irreplaceable, with sustenance and respect for all.**

To reduce my carbon footprint I will try...

To Keep:

To Add:

To Stop:

What can YOU do?

Join local, regional, and national groups!



<https://l2020.org/>



<https://350seattle.org/>



Citizens' Climate Lobby
Olympia, WA



Citizens' Climate Lobby
Seattle

<https://citizensclimatelobby.org/>



**The Climate
Reality Project®**

<https://www.climateRealityproject.org/>



**What can
YOU do?**

Take Action!

Contact – **Your Representatives** – let them know how you feel about climate change, and support local climate policies. Changing laws is even more powerful than changing lightbulbs.

Vote – **On climate** – every candidate, every election

Talk – **About climate change, often!** – don't let denial go unchallenged. Share what you have learned. Speak to others from a point of shared goals and concerns.

Get the Word Out – Use social media – write letters to the editor – call TV and radio stations

Let Go – **Of the “cheap energy” mentality** – saving the planet will cost some up front but will pay us back with a livable planet in the end.

What can YOU do?

Learn more!

JeffersonCAN.org
Climate Action Now



climate.nasa.gov/evidence



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

Search NOAA sites



OUR WORK

Climate

From supercomputers and state-of-the-art models to observations and outlooks, we provide data, tools, and information to help people understand and prepare for climate variability and change.

<https://www.noaa.gov/climate>



What are some ideas you have for future Climate on Tap sessions?
Please put your ideas in the chat.



JeffersonCAN.org
Climate Action Now

