

COP 27

What we can do

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APWoFN Interfaith Forum

Dr. Lilian J. Sison

Climate Actions agreed at COP 26 in 2021 and for implementation in COP 27

National Climate Commitment

- * Ramping up renewables and phasing out fossil fuels
- * Climate Finance (for adaptation and repatriation for loss and damage in poorer nations)

Reaching net-zero emissions (2050 deadline)

Greening the financial sector

Curbing methane

Halting deforestation

Greening Cities – Cities Race to Zero

Electric Cars

I. Urban Greening can save species and cool warming cities

By **greening our cities** with *street trees, urban parks, and community and rooftop gardens*, we can keep ourselves cool amid rising temperatures, reverse the steady erosion of life on Earth, and foster happiness and general well-being

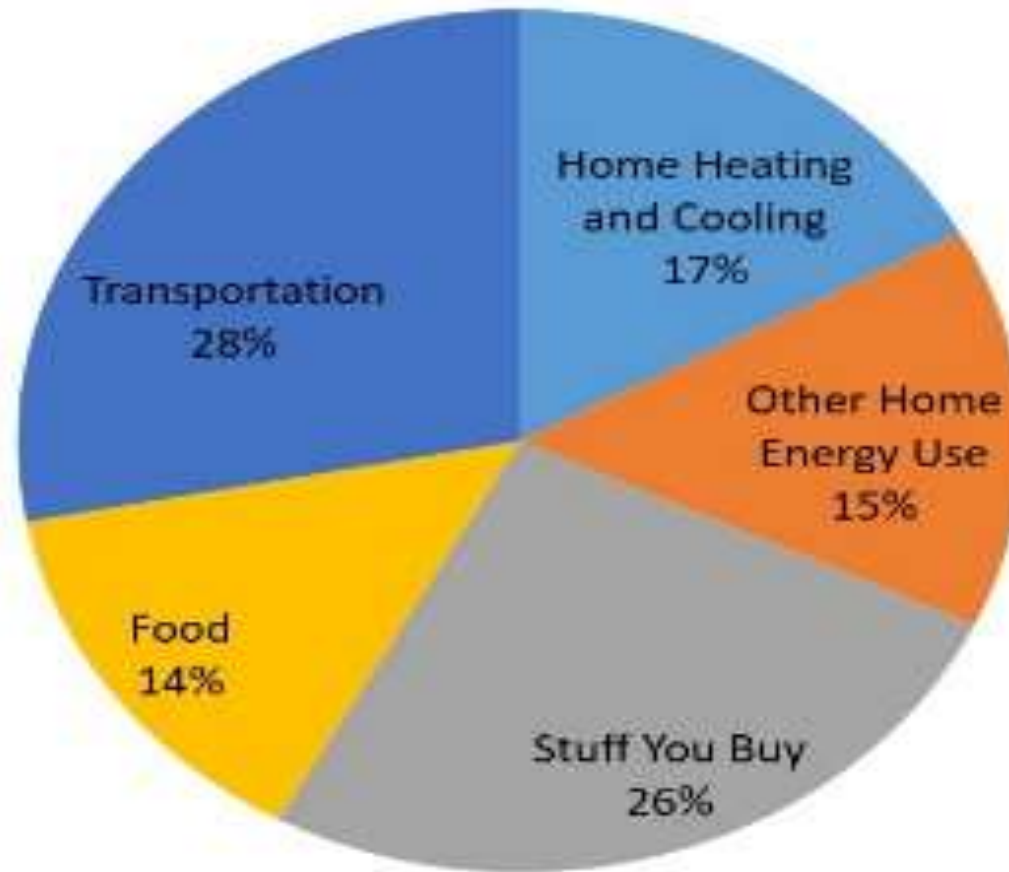


**Nature-based solution to
Climate Change features
Urban forest.**

Greenery in Urban spaces

- Helps improve the cities microclimate
- Lessens the impact of climate change
- Improves air quality by reducing pollution
- Contribute to overall mental and physical well-being
- Offers vital refuges to vanishing biodiversity –promotes the flourishing of wildlife (rewilding of urban centers).

Where the Average American's Carbon Emissions Come From



Source: Union of Concerned Scientists



Water is a critical natural resource, essential to all life. Of the total water on Earth, only 0.5% is suitable for human consumption. (97%) is salt water and 2.5 % of freshwater is found in glaciers, ice caps, the atmosphere, soil or under the Earth's surface. Given the scarcity of this resource, *water needs to be managed well, allocated fairly between ecosystems and all water users now, and conserved for future generations*

Water use in the production of Agricultural products

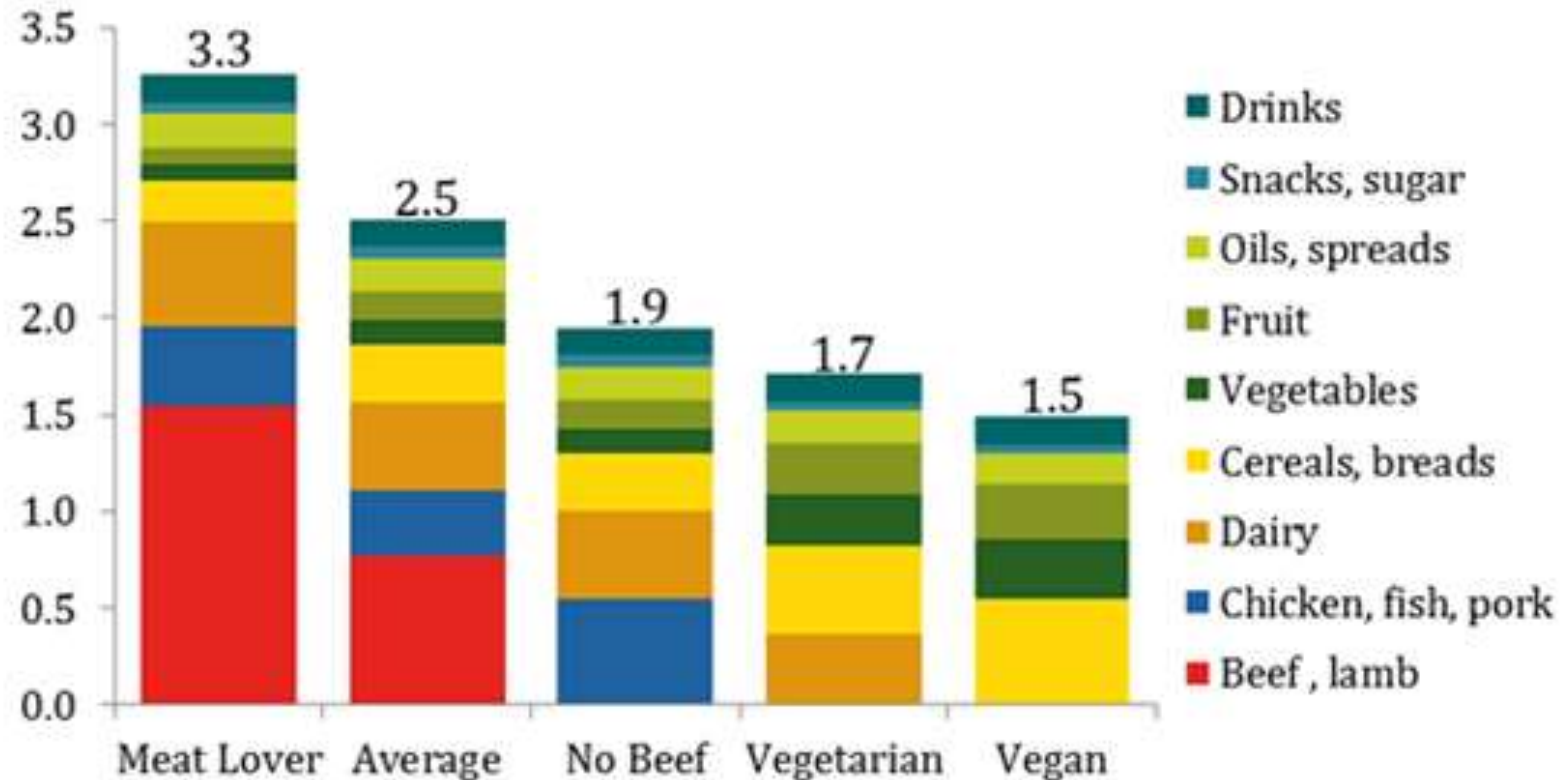
Seventy-two (72%) of all water withdrawals are used by Agriculture. (UN -WATER 2021) It typically takes 3,400 liters of water to produce 1kg of rice, 900 liters for 1kg of maize, 180 liters for 1kg tomato, 130 liters for 1kg of lettuce, 200 liters for 1kg of cabbage, 860 liters for 1kg of banana, 1600 liters for 1kg of mango 200 liters for 1 kg of apple and **15,500 liters for 1kg of beef, 4,800 liters for 1kg of pork and 3,000 liters for 1kg of chicken meat.**

People's diet will have a significant impact on both water and food security. (<https://www.waterfootprint.org/media/downloads/Hoekstra-2008-WaterfootprintFood.pdf>)



Climate Change and the Food in our Diet

Foodprints by Diet Type: t CO₂e/person



Note: All estimates based on average food production emissions for the US. Footprints include emissions from supply chain losses, consumer waste and consumption.. Each of the four example diets is based on 2,600 kcal of food consumed per day, which in the US equates to around 3,900 kcal of supplied food.

Sources: ERS/USDA, various LCA and EIO-LCA data



II EMBRACING CLIMATE FRIENDLY PRACTICES for SUSTAINABLE LIVING

- Reduce meat consumption and develop the habit of eating plant-based food.
- Walk, bike and use public transportation *more*.
- Use energy efficient lighting fixtures and appliances.
- Reuse and recycle. Bring re-usable shopping bags and avoid products with excessive plastic packaging.
- Reduce water use
- Buy local. Imported goods have high Carbon footprint.

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- Embrace a minimalist lifestyle. Simplify and de-clutter. Buy only what you need and NOT what you want to avoid wasting resources.
- Develop a range of soft skills considered critical to live in, develop and support a sustainable and resource-efficient society -(**design thinking, creativity, adaptability, resilience and empathy**)
- Tell your friends, classmates, neighbors, co-workers why you follow an eco-friendly way of life.
- Plant a tree, green your surrounding.



Our homes, schools and communities can be the ideal platform for climate action. Greening our surroundings will go a long way in mitigating climate change. The wise use of water and energy both at home, in school and in the work place and eating the proper Foodstuff must be part of our natural behavior if we want to save the World for the future of our children. Education plays a crucial role in promoting this behavior.