

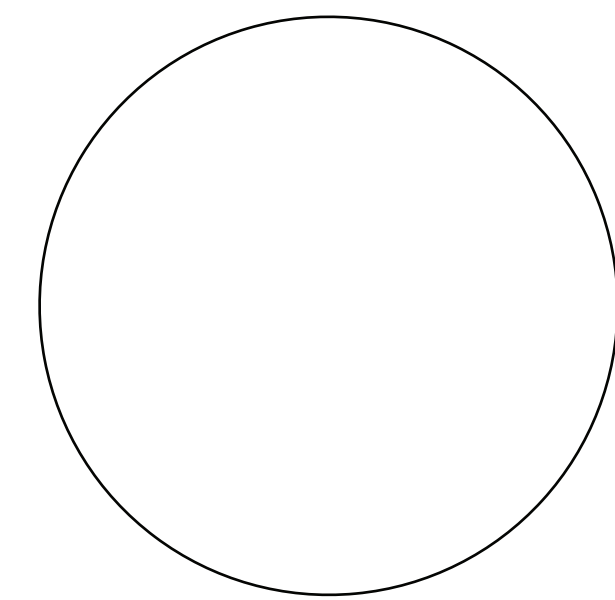
Around the World's Table

Both an art and a science, agriculture is the cultivation of plants and raising of animals in order to produce useful plants and feed people. Over thousands of years, the domestication of some of our most important food crops took place on every continent except Antarctica. The expansion of agricultural lands over time has been one of humanity's greatest environmental impacts. Using the metaphor of a dinner plate, this data driven sculpture explores which foods we choose to consume—and how they impact the global environment. Explore key statistics about how global land is allocated to different kinds of food production, global consumption trends, and the carbon emissions of our food choices.

FROM LAND USE...

HABITABLE LAND

The world's habitable land is represented by the total surface area of the pool. Habitable land is that which is suitable for living on. It excludes glaciers, deserts, salt flats, exposed rocks, beaches, dunes and the ocean.

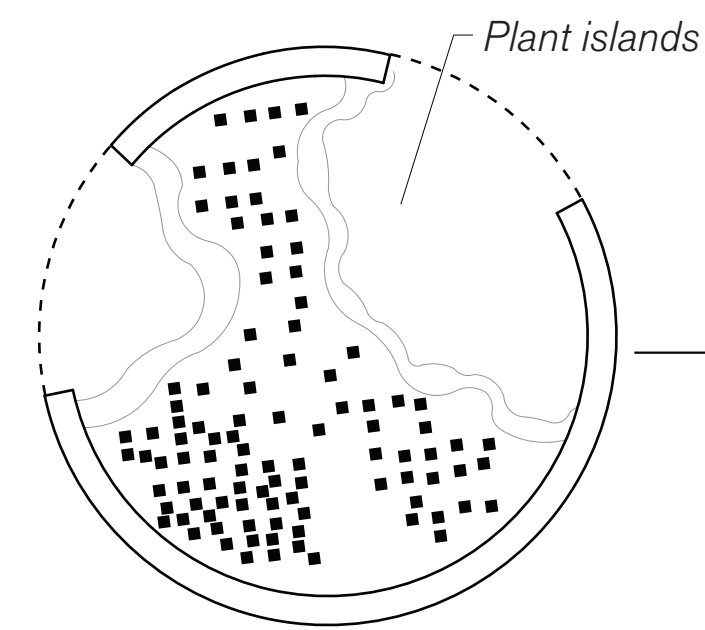


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AGRICULTURAL LAND

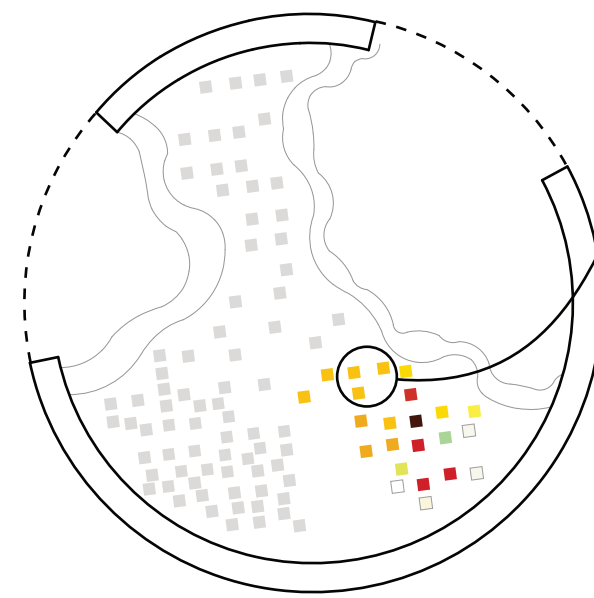
The surface area covered by sculptures in the pool represents the percentage of habitable land currently used for agriculture—equal to roughly 50%.



...TO GLOBAL DIET

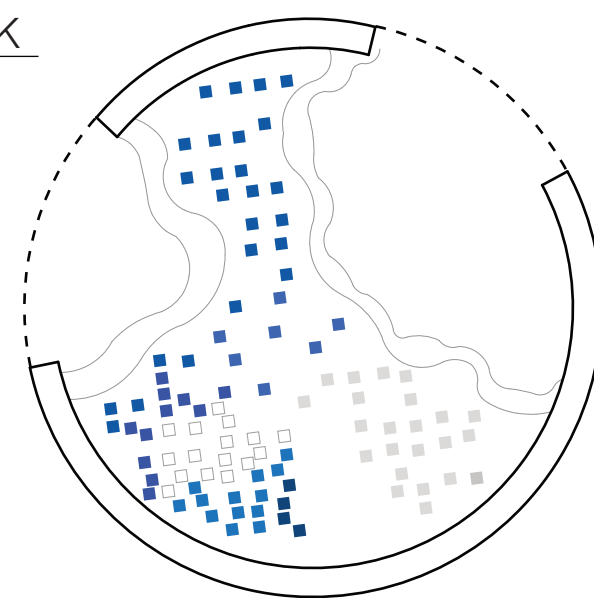
LAND USED FOR CROPS

23% of agricultural land is used to grow crops, represented by 23 out of 100 sculptures.



LAND USED FOR LIVESTOCK

77% of agricultural land is used for livestock, represented by 77 out of 100 sculptures.



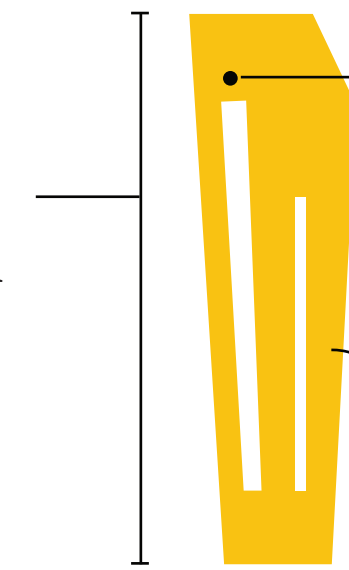
HOW TO READ IT

The sculptures in the pool represent some of the world's most widely consumed foods. The **color** indicates which type of food the sculpture represents, while the **height** indicates how much the average person consumes. The size of the black **circle** on each sculpture is proportionate to the estimated carbon emissions that result from the production of each food type.

① **Height:** The height of each sculpture indicates the average per capita consumption of each food type.

② **Circle:** The diameter of the black circle indicates the greenhouse emissions of the food type per year.

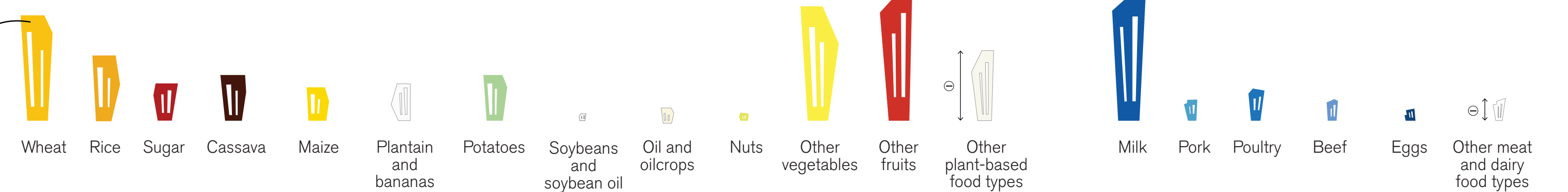
③ **Color:** Color indicates the food type.



WHAT DOES THE WORLD EAT?

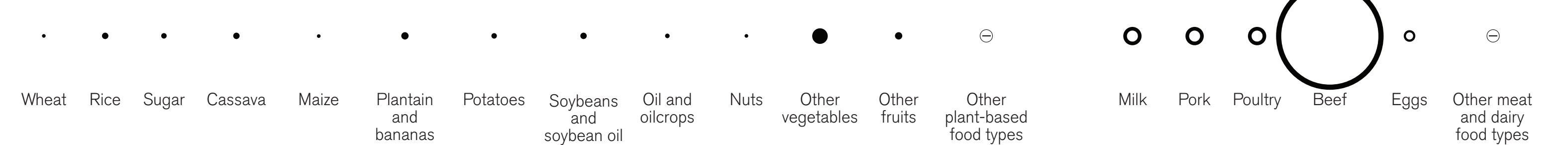
① **Height:** Per capita consumption of each food type (in kg) (2019)

② **Color:** Food type



WHAT'S THE CARBON FOOTPRINT?

③ **Size of black circle:** Estimated carbon emissions as a result of global production of each food type (kgCO₂eq per 1000 kilocalories) (2018)



WHAT CAN WE LEARN?

