

Question 5

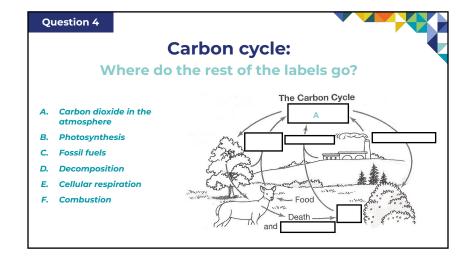
## **Carbon cycle**

## **Annual flux**

Fast carbon cycle showing the movement of carbon between land, atmosphere, and oceans in billions of tons of carbon (gigatons of Ct) per year.

red are human contributions, white are stored carbon

**Note:** Human caused emissions seem deceptively small on the scale of the global C but the atmosphere is a relatively small and sensitive C sink, and C has been accumulating **since 1850**.



When will we first see the effects of climate change?

About 10 years from now
About 50 years from now
About 1000 years from now
We can already see them now!



