A mole of CO2 occupies a volume of 22,4 litres and weighs 44 grams.
Then, we write the proportion:

1kg:Vx=0,44Kg:22,41

Vx=(1X22,4)/0,044
Vx= 509litres

Therefore,1Kg of CO2 occupies a cube'sphere that the side measures about 80cm.
On the contrary,if it had the shape of a sphere,it would have a Ray approximately:
R^3 =3/(4 π)v=0,22
R =50cm.
That is to say one metre of diameter!

The " dynamo" of a bike produces a power of 3 watts when it turns at 6000 number of resolution per minute/ r.p.m.
The relation between the diameter of the wheel and the dynamo is about 52,2.It means to spin to the frequency it is necessary to reach 20 Km /h.
Producing 6 volt to 0,5 Ampere could charge the cellphone considering that a battery charges works 5,3 volts.
However to reach 1 KWH of energy it should ride for about 333 hours (14 days) or ride together 333 cyclists for an hour!