

PLANETE ENERGIES

Transcript Vidéo – SUVs and 4x4s

#1 - TRUE OR FALSE? SUVs produce more CO₂ emissions than other vehicles. True!

SUVs – or Sport Utility Vehicles – tend to emit more CO₂ than other standard types of vehicles. Why? Mostly because they are bigger and heavier. This makes them less aerodynamic, meaning they consume more fuel. However, there are also electric and hybrid SUVs, and these models produce fewer greenhouse gas emissions.

#2 - TRUE OR FALSE? SUVs are the 2nd biggest reason for global CO₂ emissions growth. True!

According to the International Energy Agency (IEA), with 200 million SUVs on the road around the world, this vehicle segment is a larger contributor to the increase in CO₂ emissions than heavy industry and aviation.

#3 - TRUE OR FALSE? All SUVs have internal combustion engines. False!

SUVs – or Sport Utility Vehicles – are also available in electric, plug-in hybrid and full hybrid versions. Some can be charged via an electrical source and make trips powered only by electricity. Others recover energy when the driver brakes and redistribute it during acceleration. These 3 categories all produce fewer CO₂ emissions than internal combustion engine models.

#4 - TRUE OR FALSE? SUVs and 4X4s are the same thing. False!

An SUV – or Sport Utility Vehicle – has 2 or 4 drive wheels but is exclusively intended for normal road conditions, whereas a 4x4 “all terrain” vehicle is designed for off-road driving. Some 4x4 vehicles even have 6 or 8 drive wheels.