



BRINGING THE POWER OF THE SUN TO EARTH

FUSION IS THE PROCESS THAT POWERS THE
SUN

WHEN PLASMA (HOT GAS) IS HEATED TO OVER
100 MILLION DEGREES, ATOMS FUSE TOGETHER
AND RELEASE LARGE AMOUNTS OF ENERGY



The basic fusion fuels from which deuterium and tritium are extracted and generated are water and lithium. There is enough deuterium for millions of years, and easily mined lithium for several hundreds of years.

There are around 33 milligrammes of deuterium in every litre of water. If used to fuel a fusion power station, the lithium in one laptop battery, complemented with half a bath of water, would produce the same amount of electricity as burning 40 tonnes of coal.

