# Sustainable Energy (Can water be our future fuel?!)

Video Scripts: (6 segments)

1st segment: "A motivation beginning"

(No. illustrations in this parts)

2<sup>nd</sup> segment: "A creative idea"









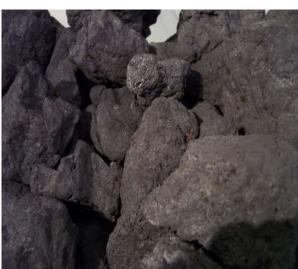




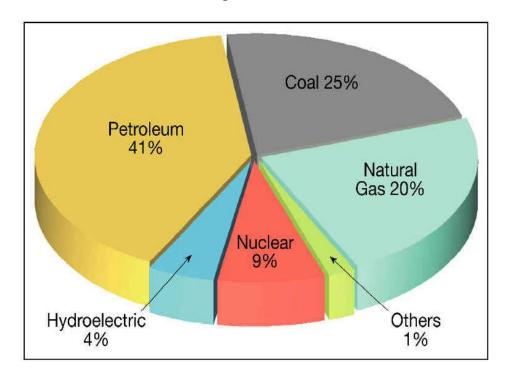








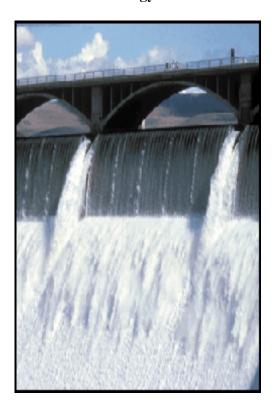
3<sup>rd</sup> segment: "Current sources and challenges"







# - Clean and sustainable sources of energy:







4th segment: "Solar energy and how it can be utilized"

# - Examples on solar energy conversion:







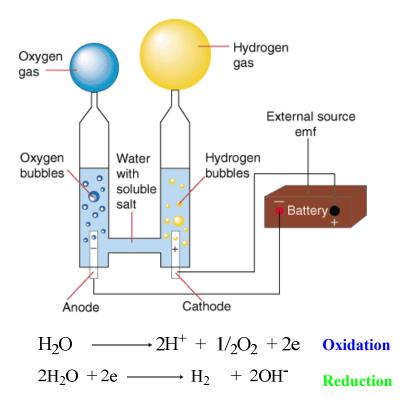




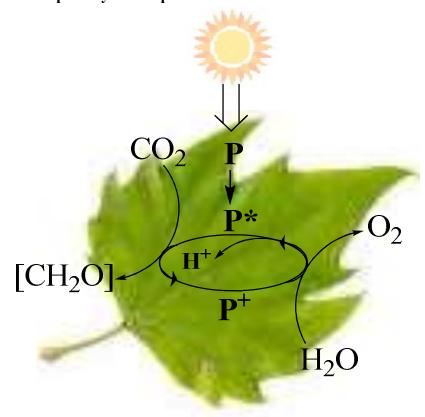


5th segment: "The idea of hydrogen as a fuel"

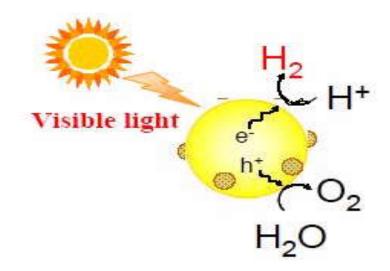
## - Electrolysis of water



#### -Illustration of the photosynthesis process:

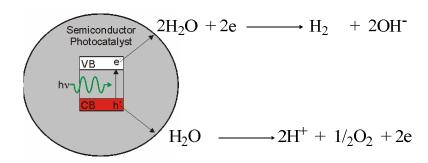


## -Water splitting by photocatalyst:



6th segment: "A suitable photocatalyst will put us in business"

## - Semiconductors photocatalysts:



## - Examples on chemical photocatalysts:

# - Summary of the whole process:

