

# Growing energy demands

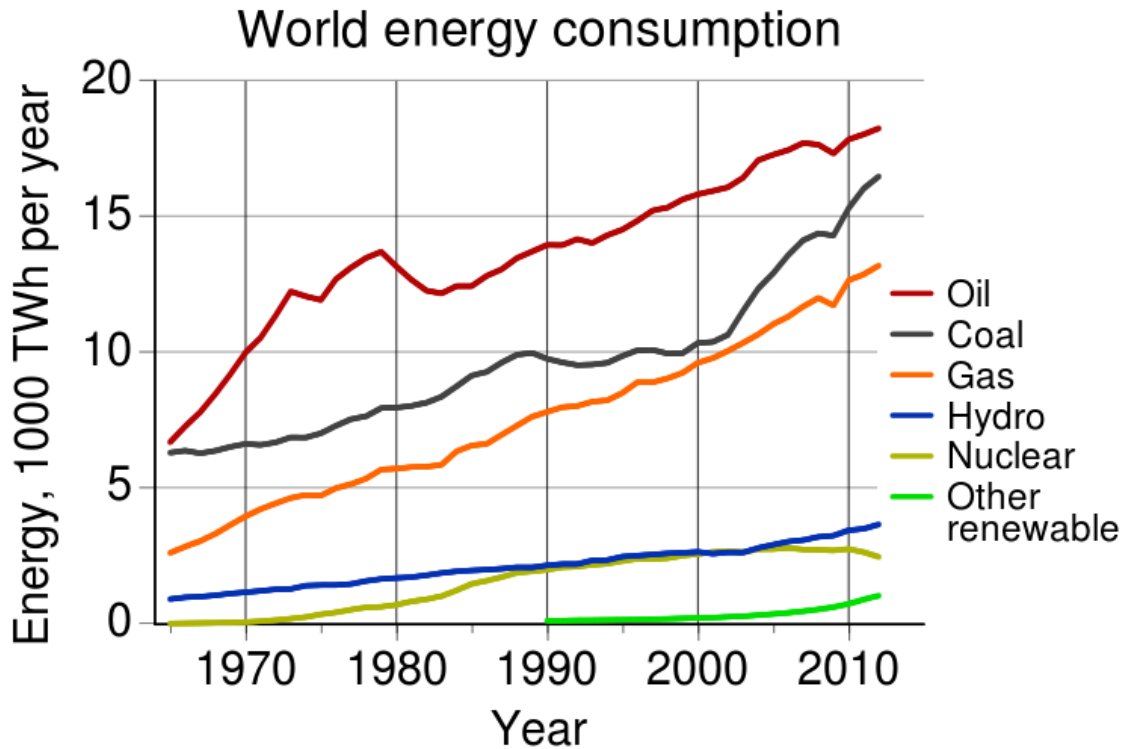
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Some figures about energy consumption

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## Present and future in energy consumption

Energy consumption is one of the most important challenges in our society. Every year our energy demand grows and we live in a finite source world.



[World energy consumption from BP-Review-2013](#)

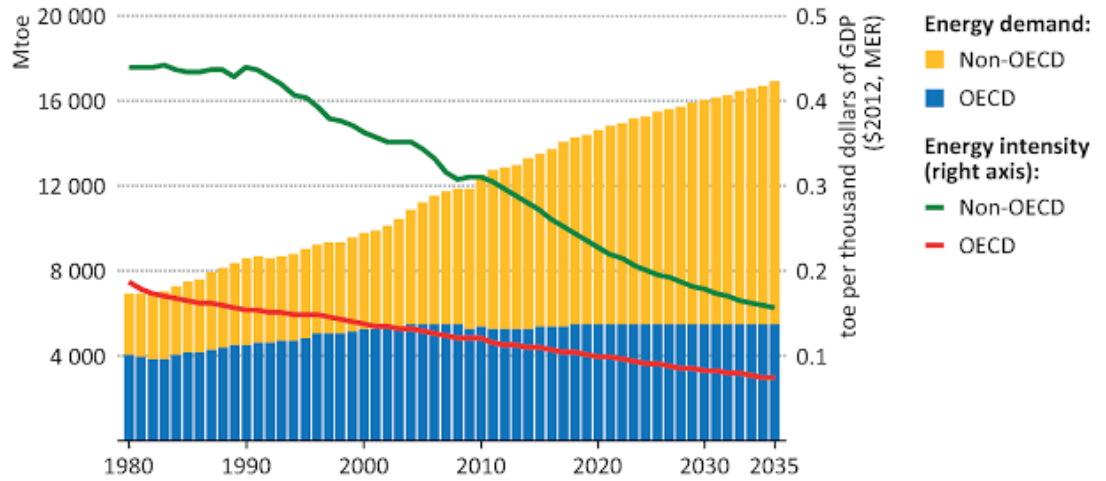
We can observe how nuclear energy has decreased its production in the last decade and new renewable sources have replaced it. But the energy need has grown and non-renewable sources have increased their production.

In the future energy consumption will grow but we have to divide the world in two groups:

In OECD countries demands will be constant and increase is not predicted.

In non-OECD countries energy demands are going to face a huge growth.

**Figure 2.3** ▸ Primary energy demand and energy intensity in the New Policies Scenario



Note: toe = tonne of oil equivalent; MER = market exchange rate.

In this century we have added a new consumption source, TIC. Nowadays internet has a big energy demanding. Every year users grow as well the energy consumption.

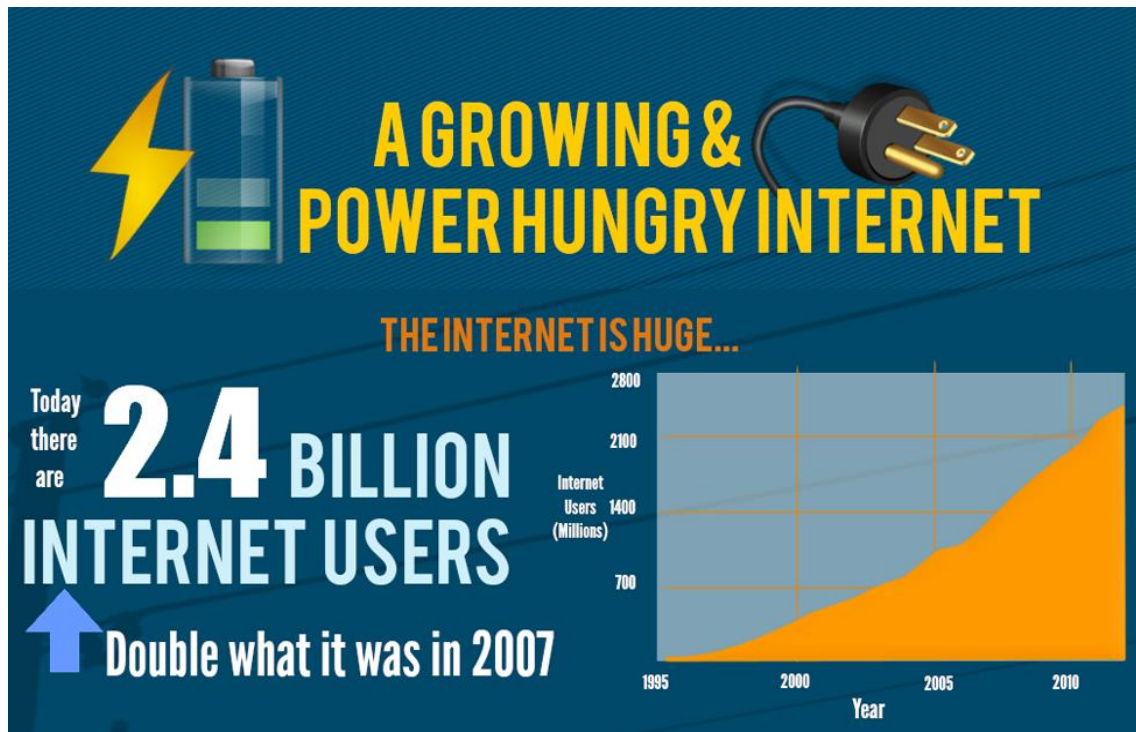


Figure 1 Internet consumption <http://7.mshcdn.com/wp-content/uploads/2012/11/Growing-Power-Hungry-Internet.jpg>