



ACG
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Total Building Commissioning

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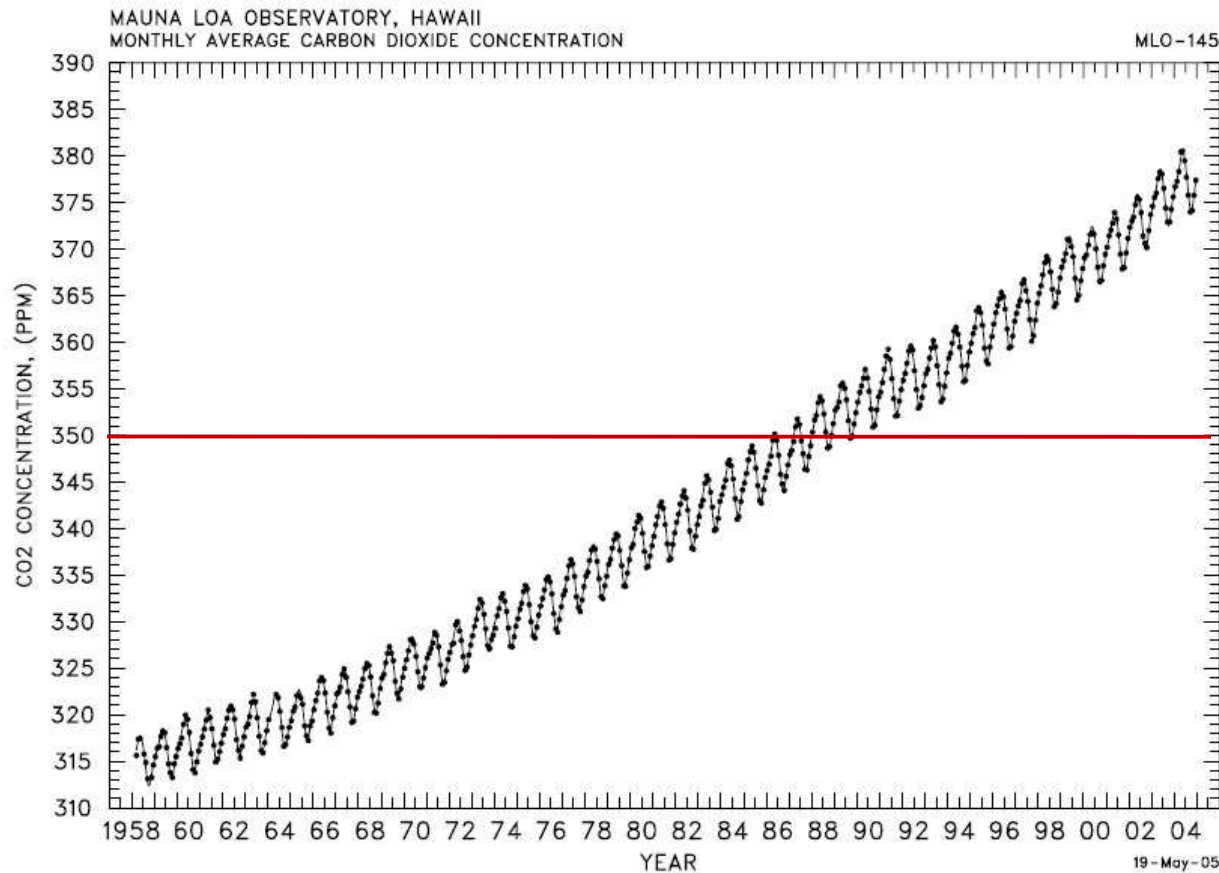
Three Wrong Assumptions of the Hydrocarbon Economy

1. We have inexhaustible, fairly inexpensive energy resources.
2. We can use our energy resources without worrying about future consequences.
3. We can construct and operate our buildings without much concern about energy consumption.



CO₂ Concentration, Hawaii, 1958–2004

415 ppm
by 2025



350 ppm

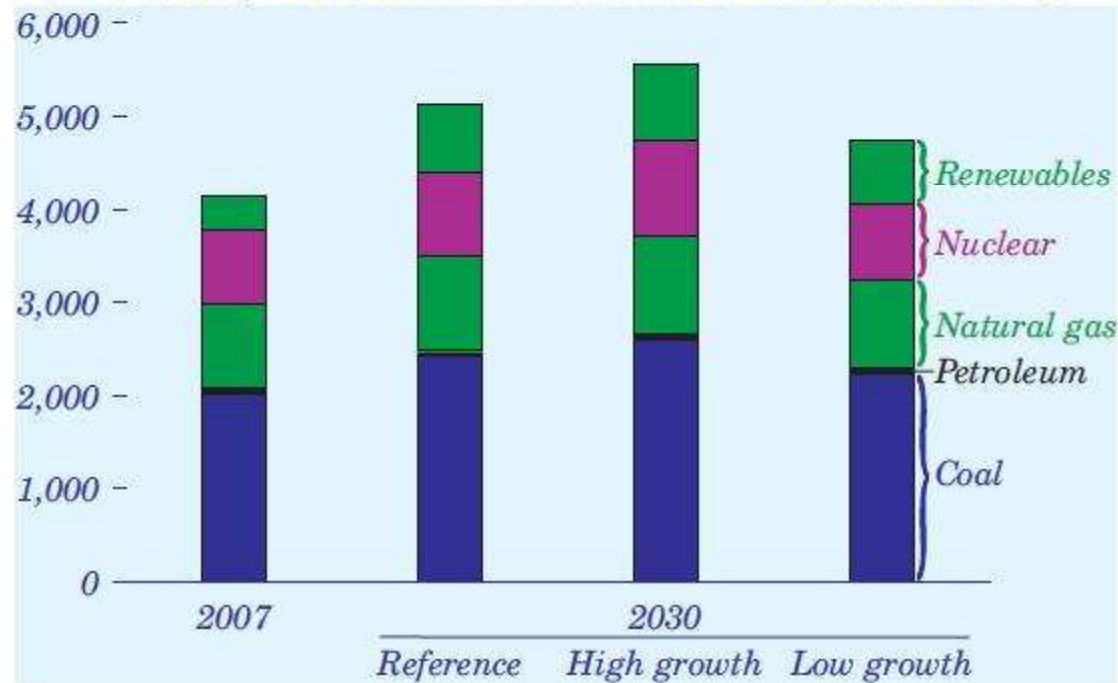
Source: Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory



Projected Electric Generation

Coal-Fired Power Plants Provide Largest Share of Electricity Supply

Electricity generation by fuel in three cases, 2007 and 2030 (billion kilowatthours)



Source: U.S. Energy Information Administration



Historical Gasoline Prices



Source: U.S. Energy Information Administration





carbon₂ nation
a 90 minute **climate change solutions** documentary

www.carbonnation.tv



Constructing Profits from Green Buildings

1. Relatively low capital outlay with a quick return on investment
2. Superior property and rent values
3. Improved employee health, well-being, and productivity
4. Employee recruitment and satisfaction
5. Reduced liability and improved community relations
6. Mitigated market risk and predictable results



The Age of Smart and Sustainable Energy

1. Energy is not cheap. Prices are unpredictable. Resources are not unlimited.
2. Climate change is a consequence of our hydrocarbon economy and is transforming the way we do business.
3. Buildings are inefficient, and must be improved, simultaneously cutting energy costs and CO₂ emissions. The business potential is enormous.

Carbon (reduction) is good business.

