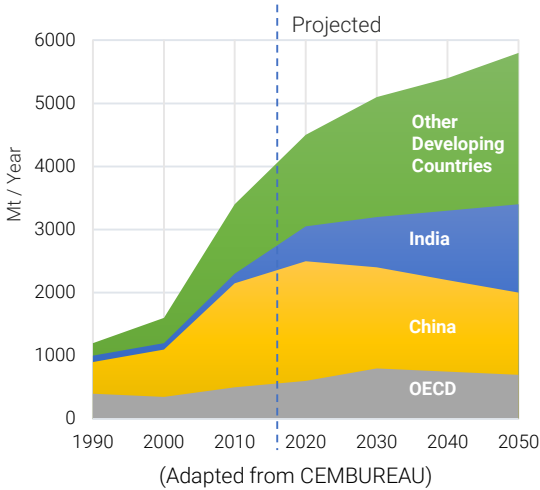
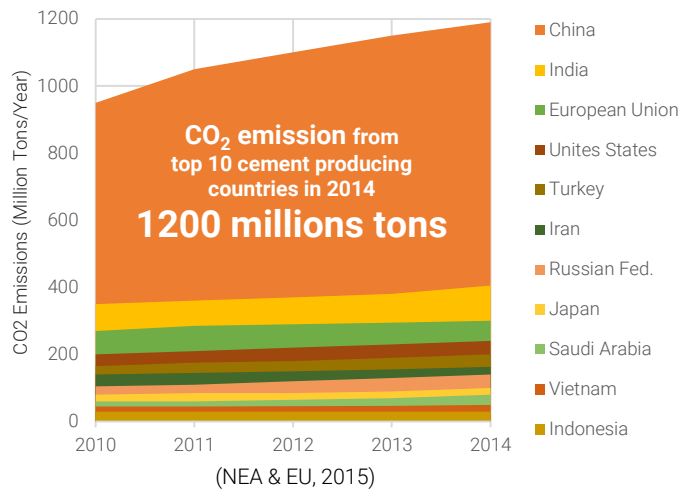


8% of man made CO₂ emissions come from cement production (NEA & EU, 2015)

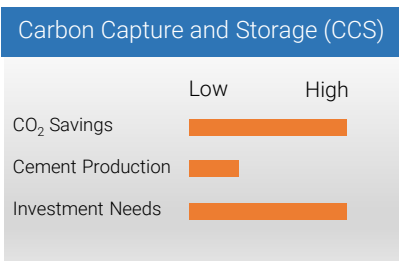
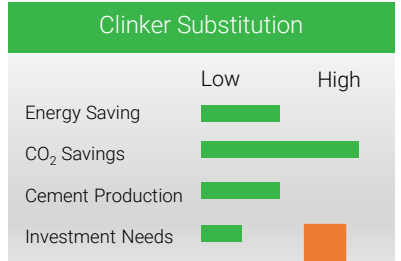
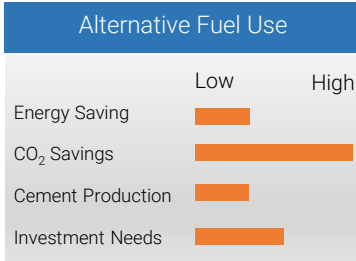
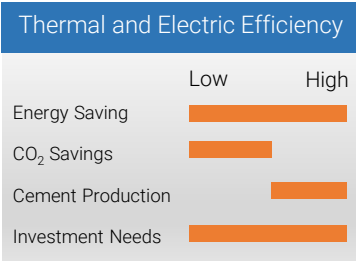
Projections of World Cement Production



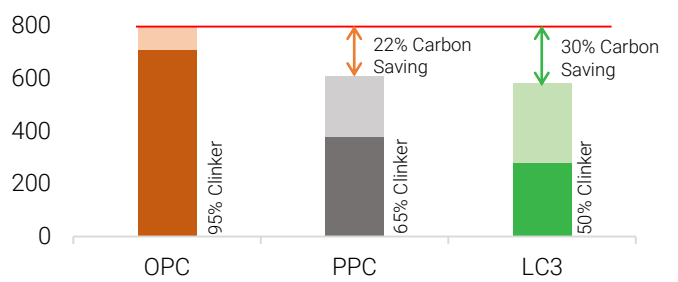
CO₂ Emissions from Clinker Production



Levels of CO₂ Savings From Cement Production



CO₂ Saving Potential of LC³ – Low Carbon Cement



(Adapted from WBCSD and IEA, 2009)

Results of Life Cycle Analysis conducted in Indian cement plant

Potential to save **300 million** tons of CO₂ per year

Utilises **Waste** Clay from the mines

Major effort in India on the research, pilot production and implementation of LC³ with support from EPFL and SDC

Limestone
Calcined
Clay
Cement



Low
Carbon
Cement

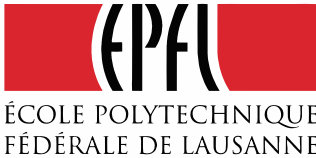


LC³ Building in Jhansi, India



LC³ Building in Swiss Embassy, India

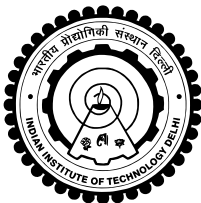
LC³ Team



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y desarrollo
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