

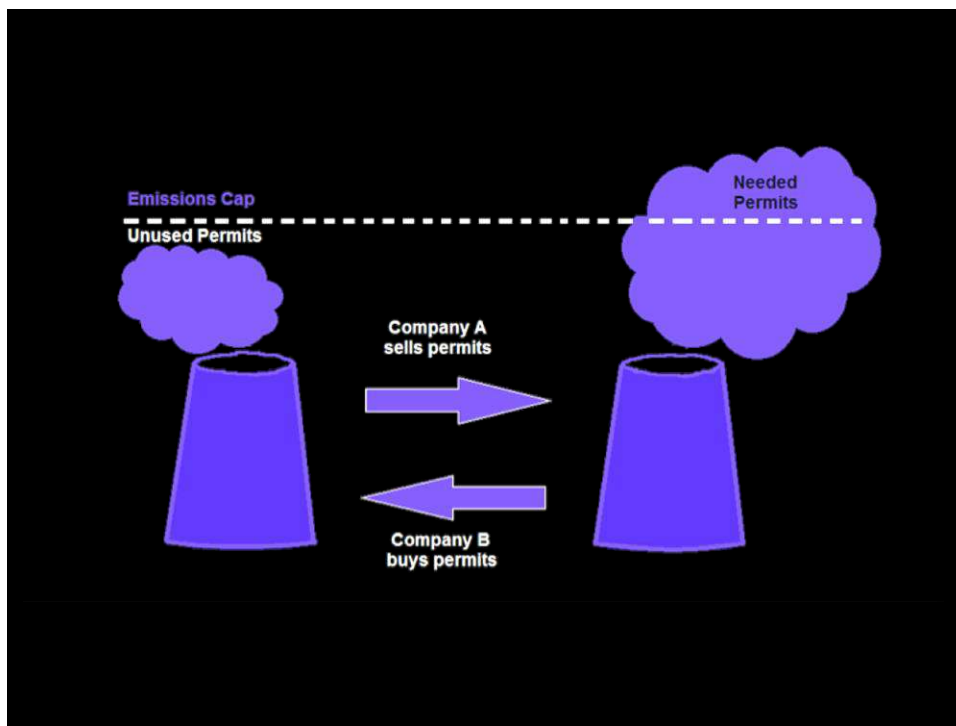
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<https://www.youtube.com/watch?v=IZgBPL17a6M>

Kyoto Protocol & Carbon Trading

Kyoto Protocol

- Adopted on 11 December 1997
- Came in force on 16 February 2005
- COP7 at Marrakesh - Rules for implementation were adopted & called "Marrakesh Accords."
- 1st commitment period started in 2008 and ended in 2012 - GHG ↓ 5% against 1990 level
- Aim to reduce emissions
- 2012- Doha Amendments – 2nd Commitment period 2013 to 2020 - GHG ↓ 18% against 1990 level

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Carbon Trading / Cap & Trade

- 1 Carbon Unit = 1 ton of $CO_2eq.$

Buyer – Pay to
Pollute

Seller –
Financially
Rewarded

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Mechanism

JI (Joint Implementation)

CDM (Clean Development Mechanism)

IET (International Emission Trading)

- Annex B – Targets to limit emissions as “Assigned Amount Units (AAU)”
- Removal Unit (RMU): Based on land use, land-use change and forestry (LULUCF) activities like reforestation
- Emission Reduction Unit (ERU): By joint implementation
- Certified Emission Reduction (CER): By clean development mechanism

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Carbon Offsets

- Are form of trade.
- If buy - ↓ GHG emissions
- Restore forests
- Update power plants and factories
- Increase energy efficiency of buildings and transportation
- Let you pay to reduce the global GHG total