# Global Lime Carbon Allocation Model

European Lime Association

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# Global Lime Carbon Allocation Model

For the post 2012 carbon allocation, EuLA members support a sector approach within a reviewed ETS Directive

- EU harmonised
- Simple
- Transparent
- Predictable
- Realistic
- Stable over time
- Long term period
- ..... Benchmark**S** are feasable for lime

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Key consideration & criteria for the lime sector allocation are:

- Process emission from decarbonation (2/3 of current emission)
- Products range (dolomitic or calcium: soft burnt or hard burnt)
- Kiln type
- Fuel flexibility

| EU (25) Number of lime/dolime kilns | | | | | | |
|---|---|---|---|---|---|---|
| Long Rotary Kiln | Rotary Kiln with Preheater | Parallel Flow Regenerative Kiln | Annular Shat Kiln | Mixed Feed Shaft Kiln | Other Kilns | TOTAL |
| 26 | 20 | 158 | 74 | 116 | 203 | **597** |

- EuLA is currently coordinating:
  - * data gathering
  - * allocation model development
  - * allocation model agreement within 23 countries

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Targets of the Global Lime Carbon Allocation model

- To drive to $CO_2$ emission reduction
- To avoid stranding assets
- To take into account effective abatement potential
- To keep a competitive lime industry in the EU
- To be self standing
- To be applicable at global level

# Global Lime Carbon Allocation Model

Ongoing investigations and deadlines

- Allocation = Output or Input x (Process $CO_2$ + Combustion $CO_2$ factor)
  - For process $CO_2$ the factors are indeed already agreed by IPCC and ECOFYS for instance the output for lime 0.785 and dolime 0.913

    It is harmonised, simple, transparent, predictable, stable, ... and global !
- "GL - CAM" draft available September 2007
- "GL - CAM" available by the end of 2007

**Thanks for your attention**

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