

## CO<sub>2</sub> Compensation with the ICR

The ICR (Ignition Core Reactor) impressively enables a reduction in soot particles (Particle matter), carbon monoxide (CO) and unburned hydrocarbons (HC) in the exhaust gas as well as a reduction in CO<sub>2</sub> through fuel savings.

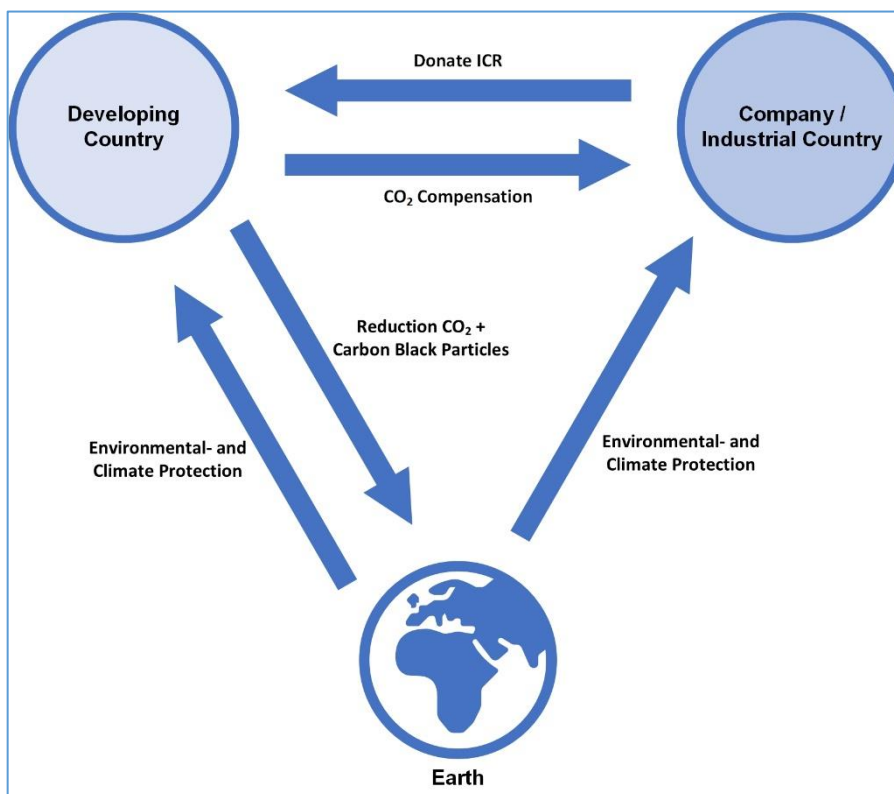
*CO<sub>2</sub> and Climate  
Protection know no border!*

The industrial nations have it in their hands to achieve an enormous effect with a manageable investment. CO<sub>2</sub> and climate protection know no borders. Climate protection must be viewed globally. In developing countries, a larger lever can generally be applied in the logistics sector (trucks, ships) in addition to the use of private transport options (cars, motorbikes, buses).

The worldwide use of the ICR alone makes the following scenario possible: With a diesel vehicle (8L/100km), which has a road performance of 15,000 kilometers per year, around 256 - 384 kg of CO<sub>2</sub> can be saved annually with the ICR. This corresponds to between 3.3% and 5.0% of the average CO<sub>2</sub> emissions per capita in Germany and between 6.2% and 9.2% of the average CO<sub>2</sub> emissions per capita in Switzerland.

**This means that every German with the purchase of 20-30 ICRs and every Swiss with the purchase of 11-16 ICRs could "theoretically" immediately become CO<sub>2</sub>-neutral in a first step via CO<sub>2</sub> compensation.**

With a petrol vehicle (8L/100km), which has a road performance of 15,000 kilometers per year, around 227 - 340 kg of CO<sub>2</sub> can be saved annually with the ICR. This corresponds to between 2.9% and 4.4% of the average CO<sub>2</sub> emissions per capita in Germany and between 5.4% and 8.1% of the average CO<sub>2</sub> emissions per capita in Switzerland.



### Concept: Donate a share of company profits

In 2022, already some first ICRs were financed with a part of the profits of a Swiss company and handed over to developing countries. It would be desirable if other companies follow this example and thus ensured that their own employees, for example, became CO<sub>2</sub> neutral and that environmental and climate protection were actively and directly implemented.

Sources:

Statista <https://de.statista.com>

The World Bank: <https://data.worldbank.org/indicator/EN.ATM.CO2E.PC?locations=ID>