

# Megatrends in Logistics

Luxembourg

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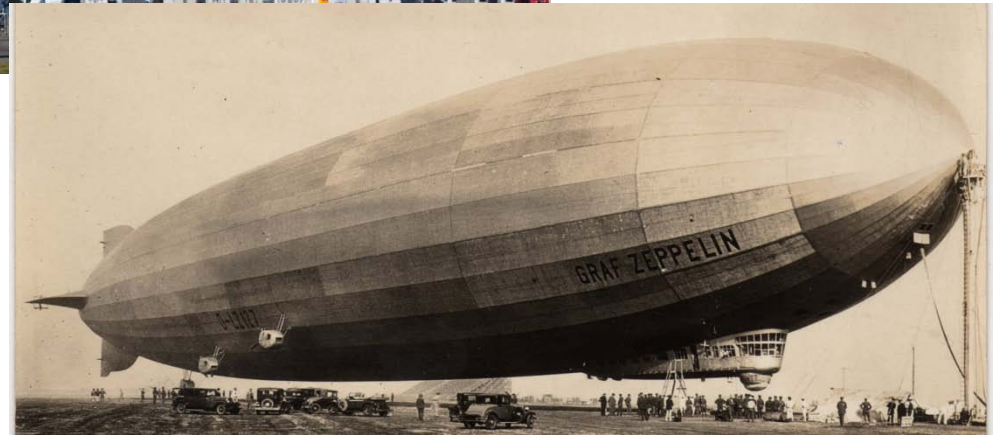


**MEGA**

**ULTRA**

**SUPER**

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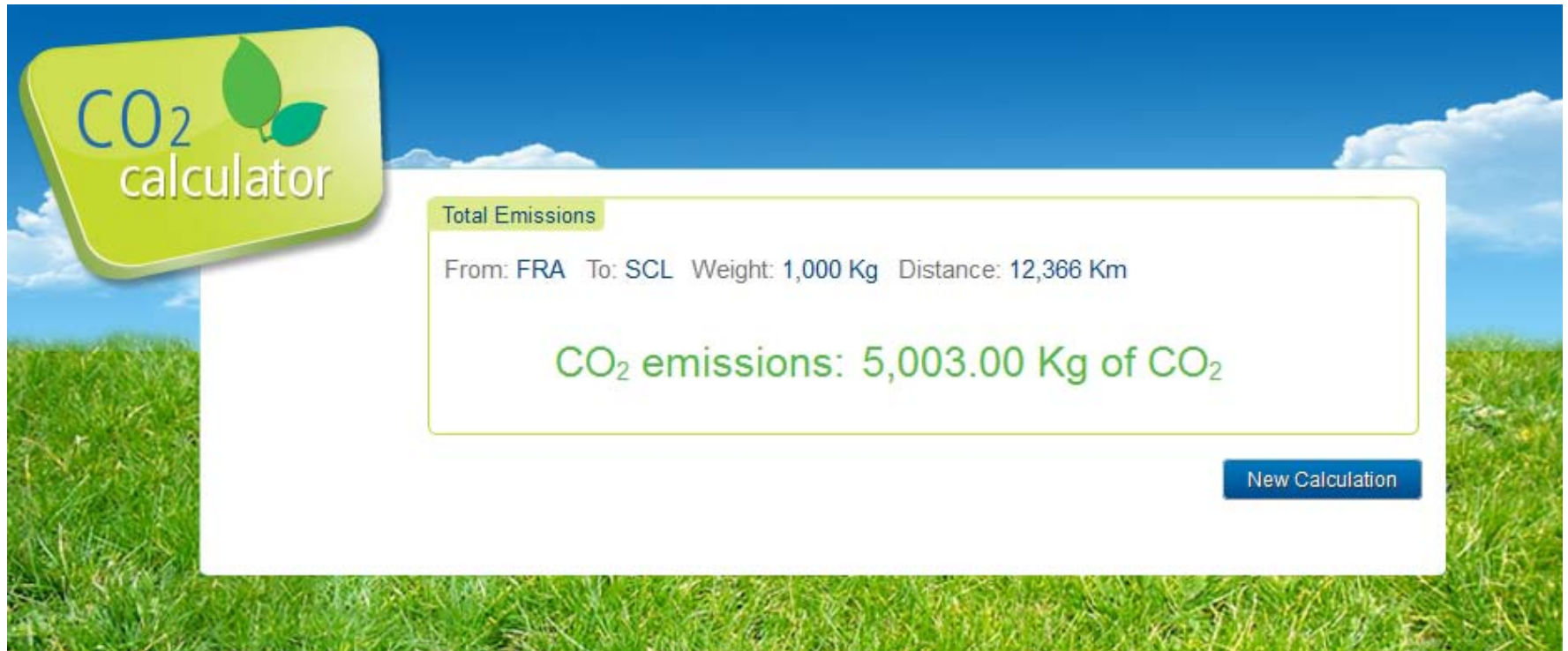
**1844 – 2013:**  
This megatrend has taken a long way



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1,000 kg from Frankfurt to Santiago / Chile = 5,000 kg of greenhouse gas emissions, according to LAN Cargo's calculator



The image shows a screenshot of a web-based CO2 calculator. On the left, there is a green rounded rectangle with the text "CO<sub>2</sub> calculator" and a small green leaf icon. The main content area is a white box with a green border. At the top of this box, it says "Total Emissions". Below that, it displays the input parameters: "From: FRA To: SCL Weight: 1,000 Kg Distance: 12,366 Km". The result is shown in large green text: "CO<sub>2</sub> emissions: 5,003.00 Kg of CO<sub>2</sub>". At the bottom right of the white box, there is a blue button with the text "New Calculation". The background of the entire image is a blue sky with white clouds and a green grassy field.

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27 EU countries, many different control procedures



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No fence, hardly any security checks at Point Noire, Congo



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Euro Carex could become an alternative to transporting airfreight within Europe



## **Rückwanderung: Deutsche Unternehmen kehren China den Rücken**

(BILD, 25 April 2011)

**(Return migration: German enterprises turn their backs on China)**

## **American companies leave China**

(ABC Radio Australia, 10 April 2013, 14:40 AEST)

**A growing number of American companies are leaving China, rethinking their decisions to outsource over the past decade.**

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Air freight is constantly loosing out to ocean freight in tonnage, but not concerning the value of the transported goods





## Turkey on the move

Istanbul gets the world's biggest airport, worth EUR 22 billion.

Project catapults Turkey into the first league of aviation  
Final stage: 6 runways, 16 taxiways, 150 million pax capacity.

Turkish Airlines: Expanding massively  
Today's fleet: Approx 200 a/c  
117 Airbus and 95 Boeing a/c ordered

## **Parts of Latin America are becoming increasingly interesting for logistics providers**

Widening of the Panama Canal in 2015.

Will help Latin American economies increase trade volumes.

However: Big vessels transiting the canal will create demand for deeper harbours and improved infrastructure in the region.

But bureaucracy, corruption and poor infrastructure in a number of countries (Brazil) are torpedoing the biz.

## Sub-Sahara emerging

GDP (US\$): 1.266 trillion 2011

GDP growth (annual): 2.7% 2011

Population, total: 874.8 million 2011

Urban population (of total): 36% 2011

## Education

Primary completion rate,  
total (% of relevant age group): 70% 2011

Source: World Bank

## Deficits of Logistics

Reputation problems: noisy, stinking, polluting

Timid lobby

Industry speaking with many voices: IATA, FIATA, TACA, Global Shipper Forum, Global Air Cargo Advisory Group – GACAG

Remedy:

Enhancing public communication, delivering technical data does not suffice to convince people illustrating projects, for reaching people's heads AND hearts.

## Ageing Society

The aging of Europe, also known as the greying of Europe, is a demographic phenomenon in Europe characterized by a decrease in fertility, a decrease in mortality rate, and a higher life expectancy among ethnic Europeans.

Source: Wikipedia

No risk, no changes; maintaining the status quo is what a growing number of Europeans desire. Or else, they tend to protest and oppose infrastructural innovations.



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Missed opportunities: These modes of transport could have initiated megatrends



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New project: CargoLifter offers unique and sophisticated solutions for lifting and transportation of goods on critical terrain and in remote areas by lighter-than-air (LTA) technology.

Using the air as infrastructure allows to go higher, further and lighter than anyone else.

# Information & Contact

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**Thank you for your interest / Merci / Danke**

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