

Does being green influence fine art insurance?

Dr. Stephan Zilkens
European Registrars meeting
Amsterdam November 9th 2010

Agenda

- Definition – what does it mean being green?
- Carbon footprint and its implication on
 - Art
 - Artists
 - Exhibition and Museum
 - Packaging and Transport by Air, Sea, Road
 - Travelling
 - Risk carrier
- Change of Risk and Risk Management ?
- A Scenario of Exhibition planning in the future

Being Green ?

- Taking care of the environment to preserve the planet for future generations
 - Reduce spoil of resources
 - Live conscious in private and public life
 - React responsible on megatrends
 - Globalisation
 - Growth of Population
 - Struggle for food and energy
 - Climate Change
- But – you can only control what you can measure !

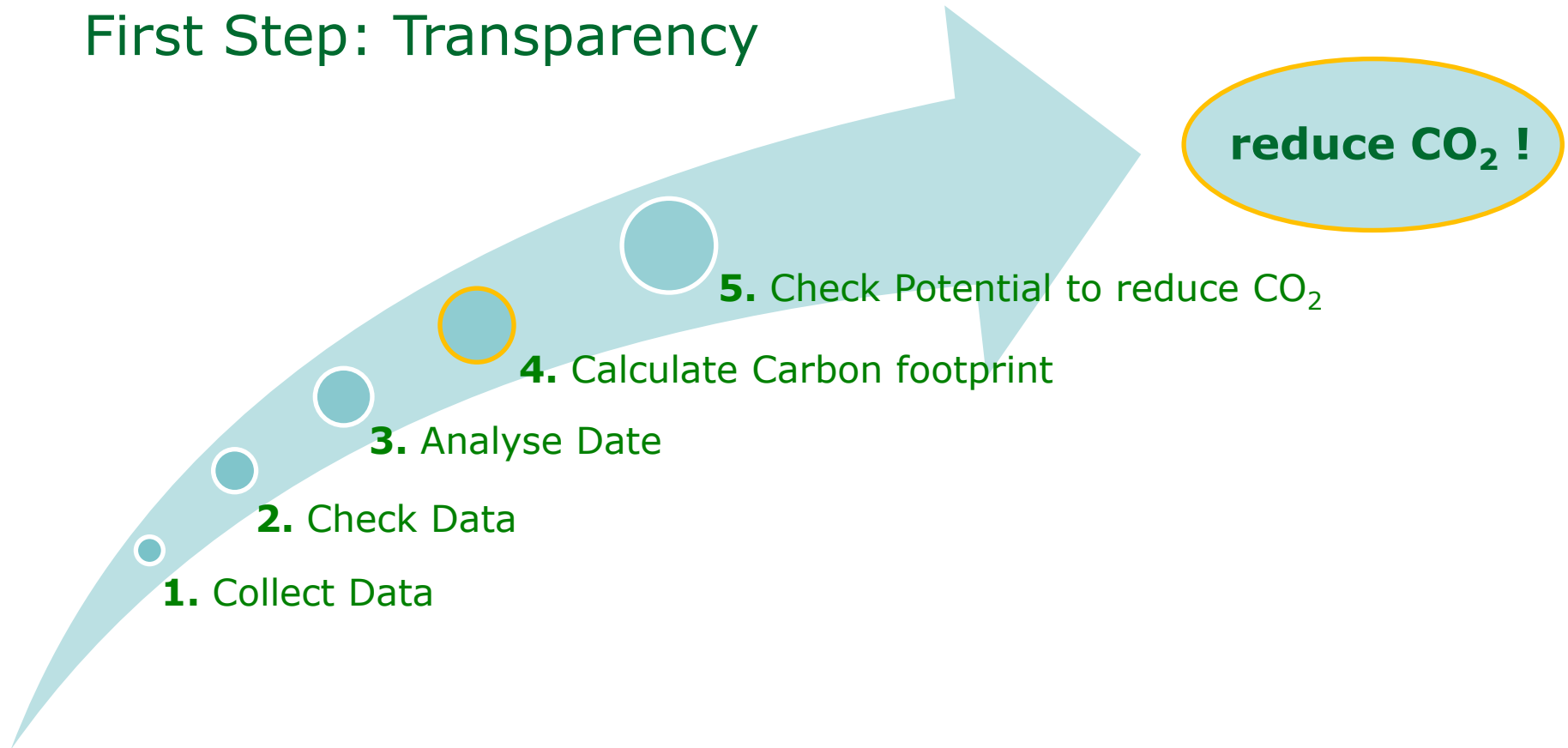


Carbon Footprint

Definition of carbon footprint

- total set of greenhouse gases (GHG) emissions caused by an organization, event, product or person
 - For simplicity of reporting, it is often expressed in terms of the amount of carbon dioxide, or its equivalent of other GHGs, emitted
 - Carbon dioxide emissions into the atmosphere are often associated with the burning of fossil fuels, like natural gas, crude oil and coal
- The Kyoto Protocol defines legally binding targets and timetables for cutting the GHG emissions

First Step: Transparency



Carbon Footprint is the relevant Information to reduce CO₂

Factors regarding exhibition risks



Cargo caused CO₂ emission – example Germany 2005

Transport	Quantity (Billion tkm)	Emission (Million t Co ₂)	G CO ₂ / tkm
Truck	394	51	89
Railway	95	3	24
Riverboat	64	2,5	35
Ship	1612	(24-34)*	9
Aircraft	7	4,5	665

Example Textile Industry – Shirt produced in India and sold in Germany



Options to optimize CO₂

kg CO₂-emission per t one way



Road transport optimization

General optimization

Change of Risk through carbon footprint?

- Each Museum has its individual footprint
 - Heating, size, energy consumption also for security
- Each Art Object has its individual footprint
 - Painting, sculpture, multiple, installation
 - Crate, frame, breakable item
- Each Transport has its individual footprint
 - As shown above
- Each insurance company has its individual footprint
 - People, structures, offices

Risk management today – not influenced by carbon footprint



Exhibition planning in the future CO₂ reduced

- Low energy consumption – influence on security probable
- Change of transport means (sailing ships instead of aeroplanes) – influence for damages more than probable
- Only natural packing materials – for sensible items risk of not being insurable
- Choice of Risk Carrier (Insurance company) following its carbon footprint – rating problems ahead



Being green impact on insurance ?!

Volume Insured - integrated Risk Management - premium related

Must stay in an adequate relation - Change of sponsoring?
Carbon certificates !



We would be pleased to provide you with further information on request and to help with queries at any time.
Please do not hesitate to contact us.

Zilkens Fine Art Insurancebroker GmbH
Eupener Straße 70 • 50933 Köln

phone +49 221 8 00 68 420
fax +49 221 8 00 68 421
mobile +49 171 3 30 66 30
e-mail zilkens@zilkensfineart.com