

Building Trust in Emissions Reporting

a call for a Global Emissions Compliance Language

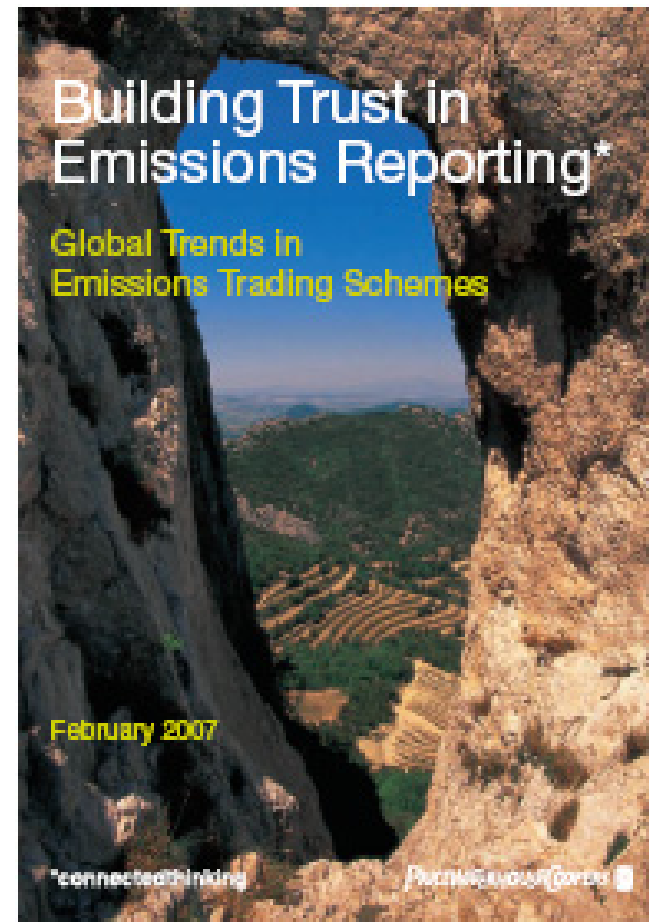


Jeroen Kruijd

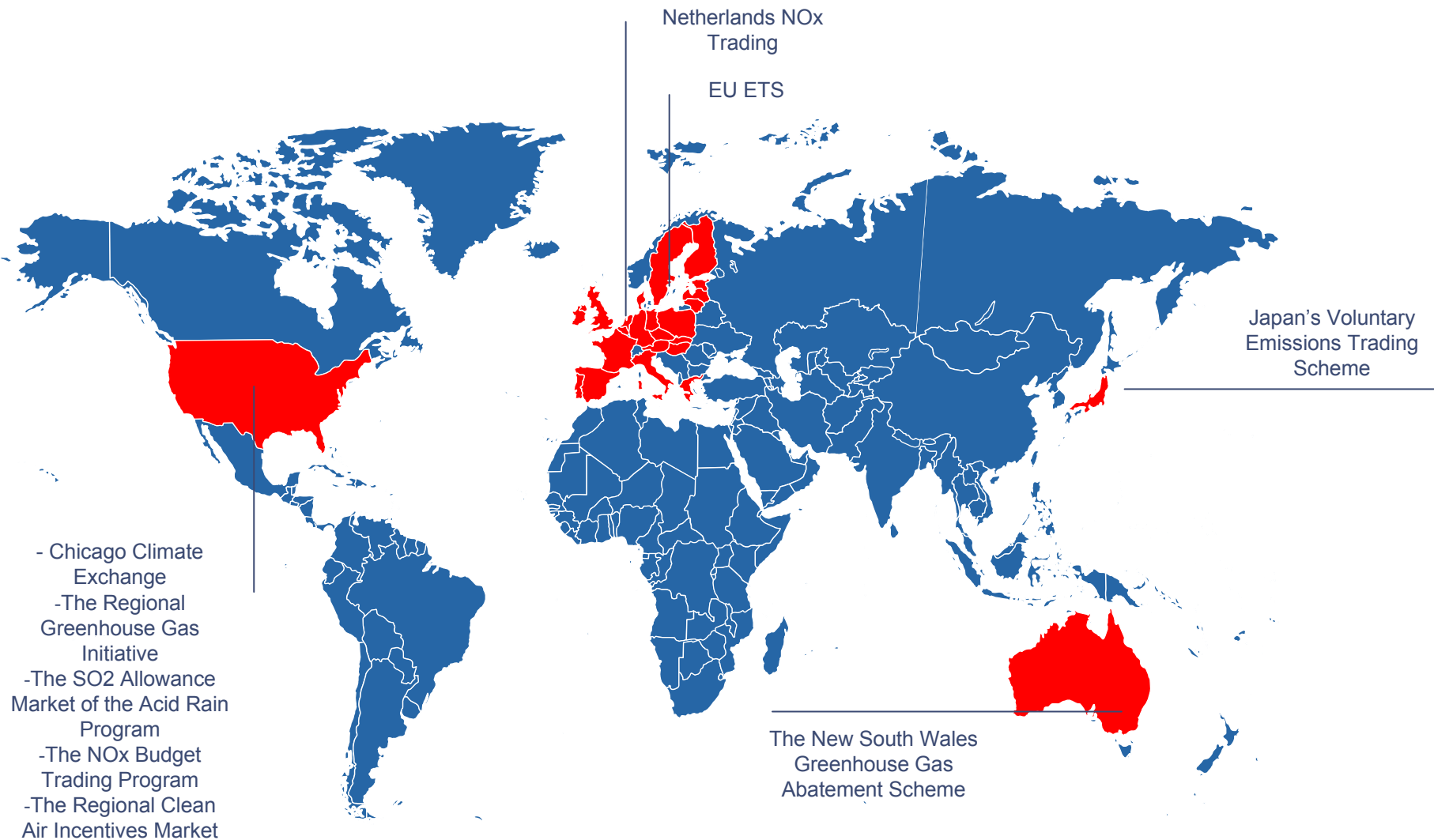


Summary of the PwC Publication

For a free download, visit:
www.pwc.nl/trustemissions



The World's Emission Trading Systems*



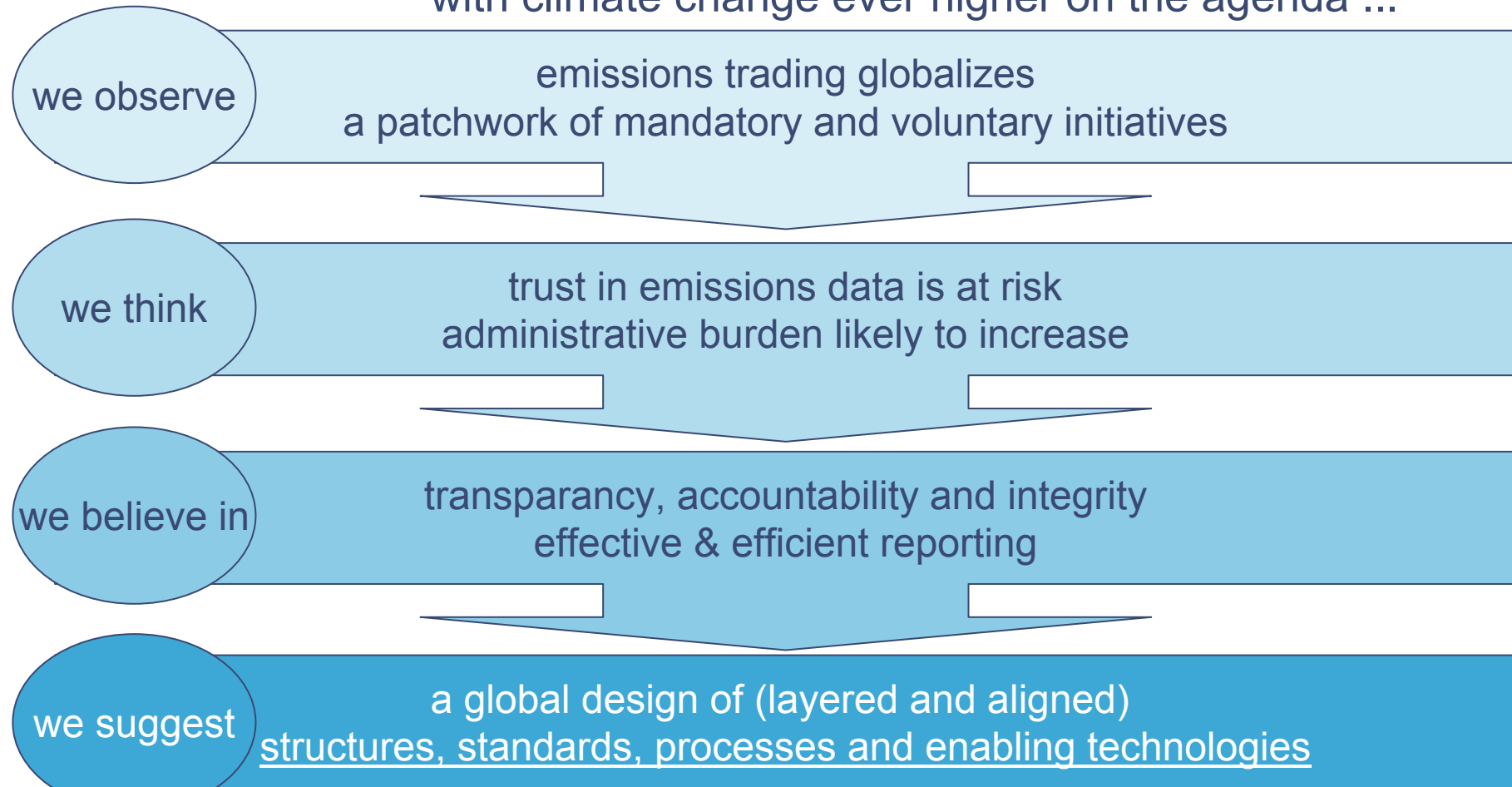
Building Trust in Emissions Reporting

*More information in the whitepaper "Strategic Compliance and Building Trust in Emissions Trading Systems"

jeroen.kruijd@nl.pwc.com

A call for action: build trust in emissions reporting, based on transparency, accountability and integrity

with climate change ever higher on the agenda ...



Building Trust in ETS: A Global Emissions Compliance Language – a first attempt

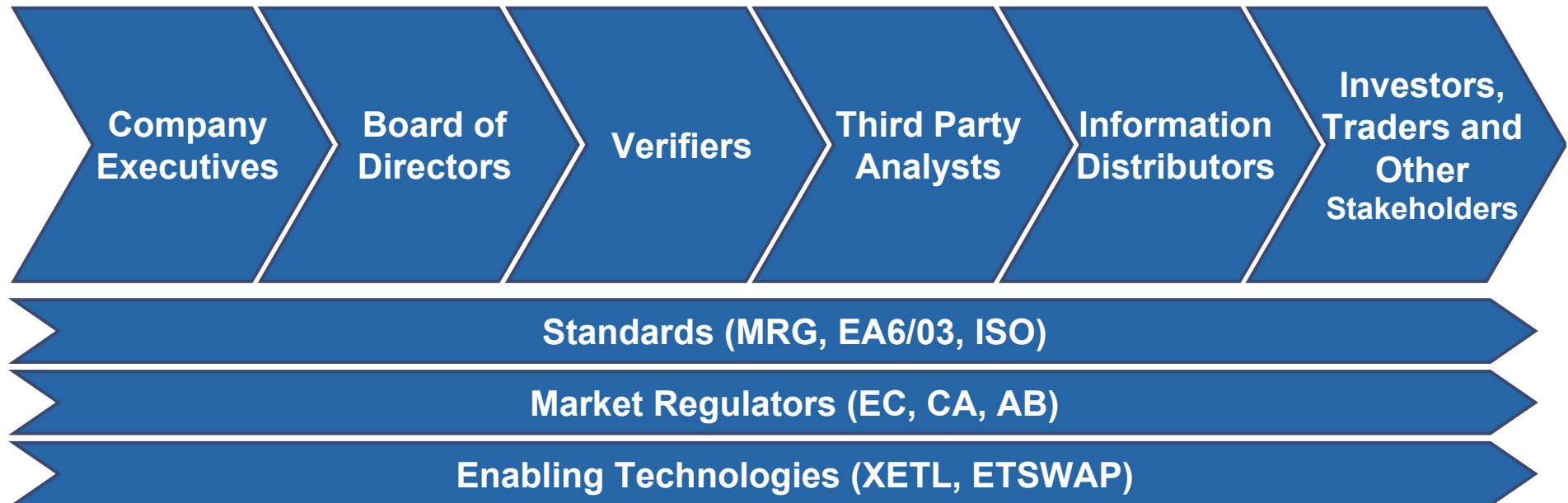
Trust:

- Spirit of Transparency
- Culture of Accountability
- People of Integrity



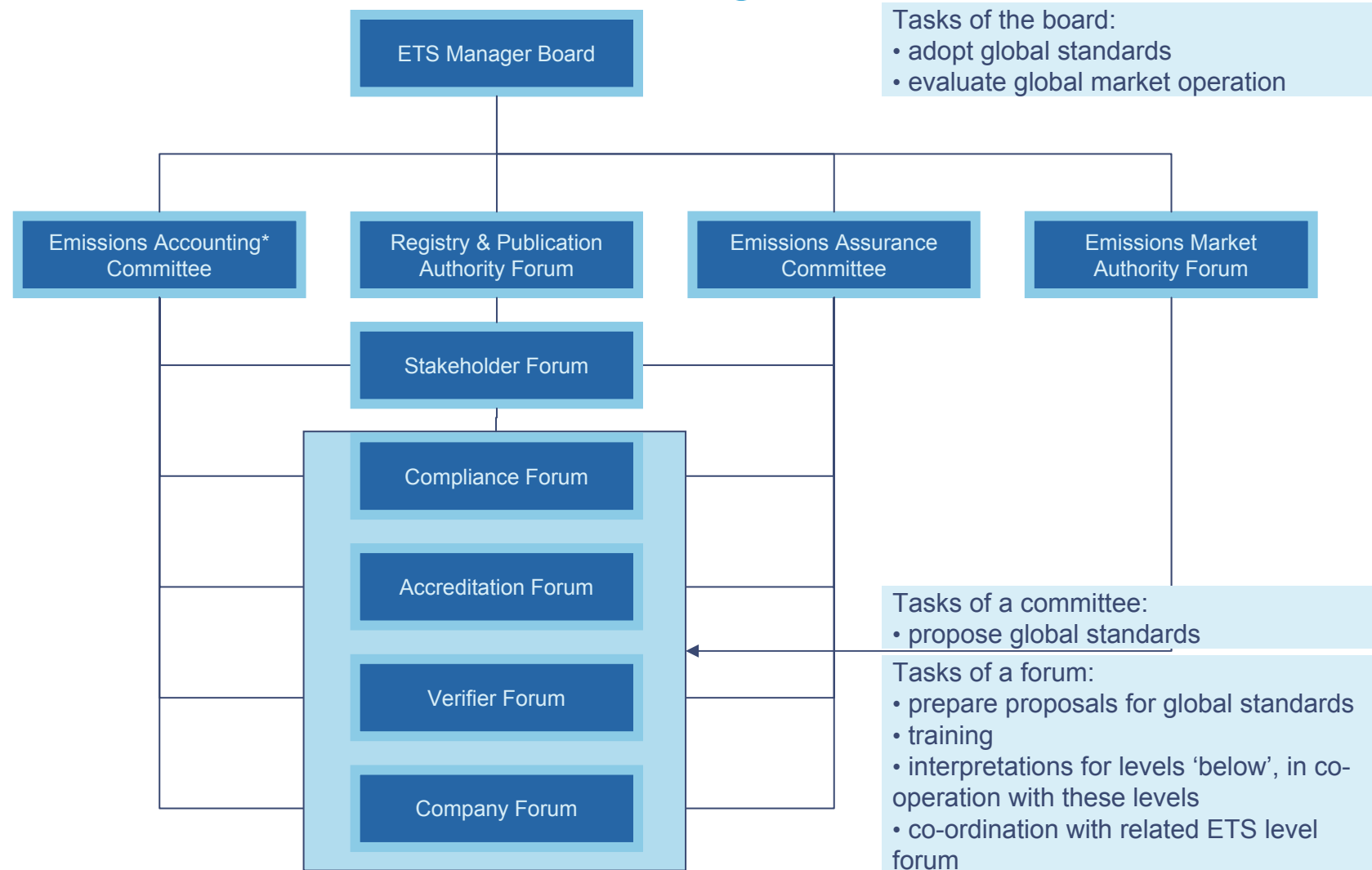
- Structures (market regulation)
- Standards
- Processes (roles & responsibilities)
- Enabling Technologies

The Emission Reporting Supply Chain



1. Structures

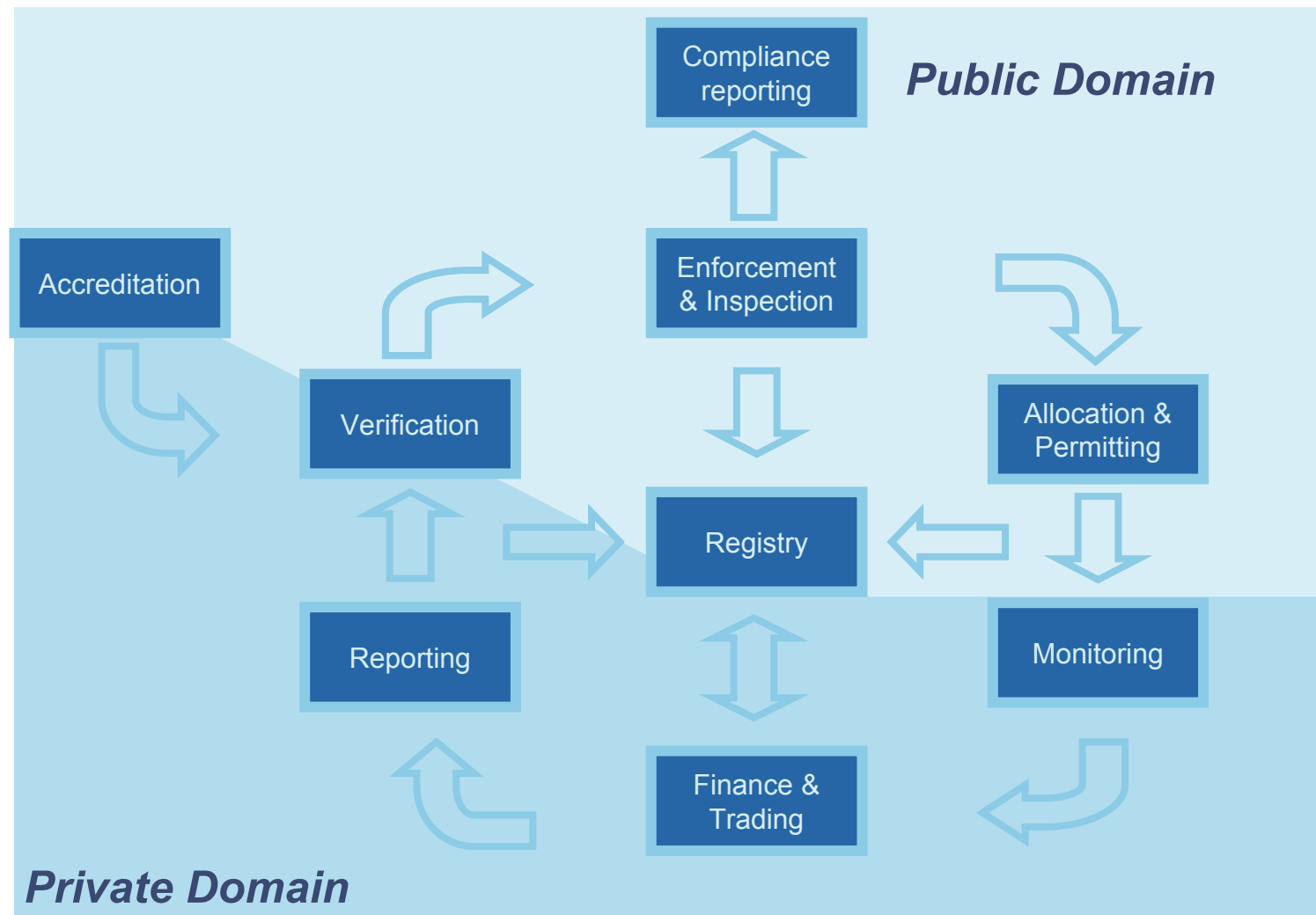
Global Institutions with local mirroring



*accounting relates to both financial accounting of allowances and emissions monitoring and reporting
PricewaterhouseCoopers

2. Processes

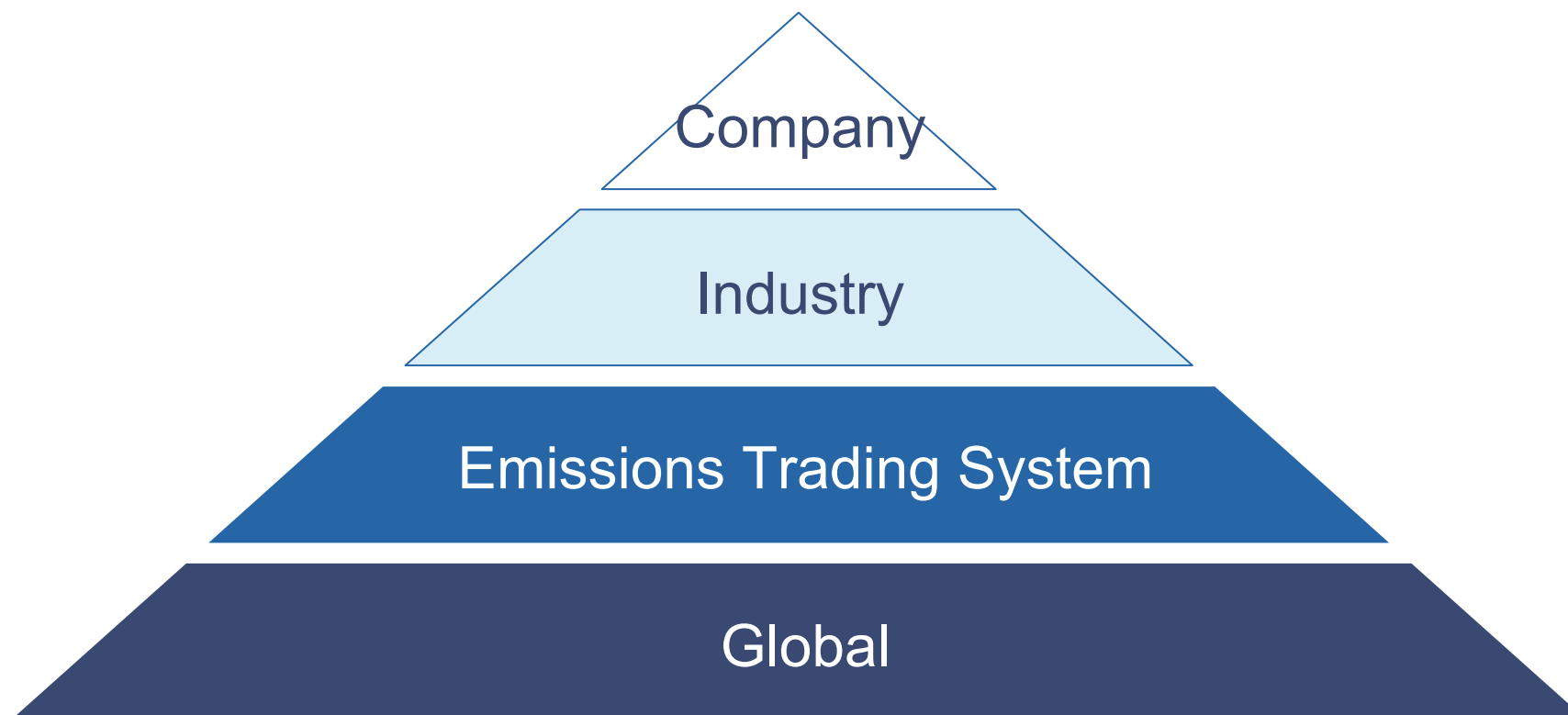
A Reference Model for Emissions Compliance Processes





3. Standards

A Four-Tier Model for Monitoring, Reporting, Verification and Compliance Standards (including new terminology)



Four-Tier Model of Emissions Compliance Transparency



4. Enabling Technologies

Workflow management between all actors

Advanced data acquisition software

Connecting systems within companies

Link data from multiple sources by competent authorities

Advanced auditing and inspection tools

Public availability of company data (INSPIRE?)

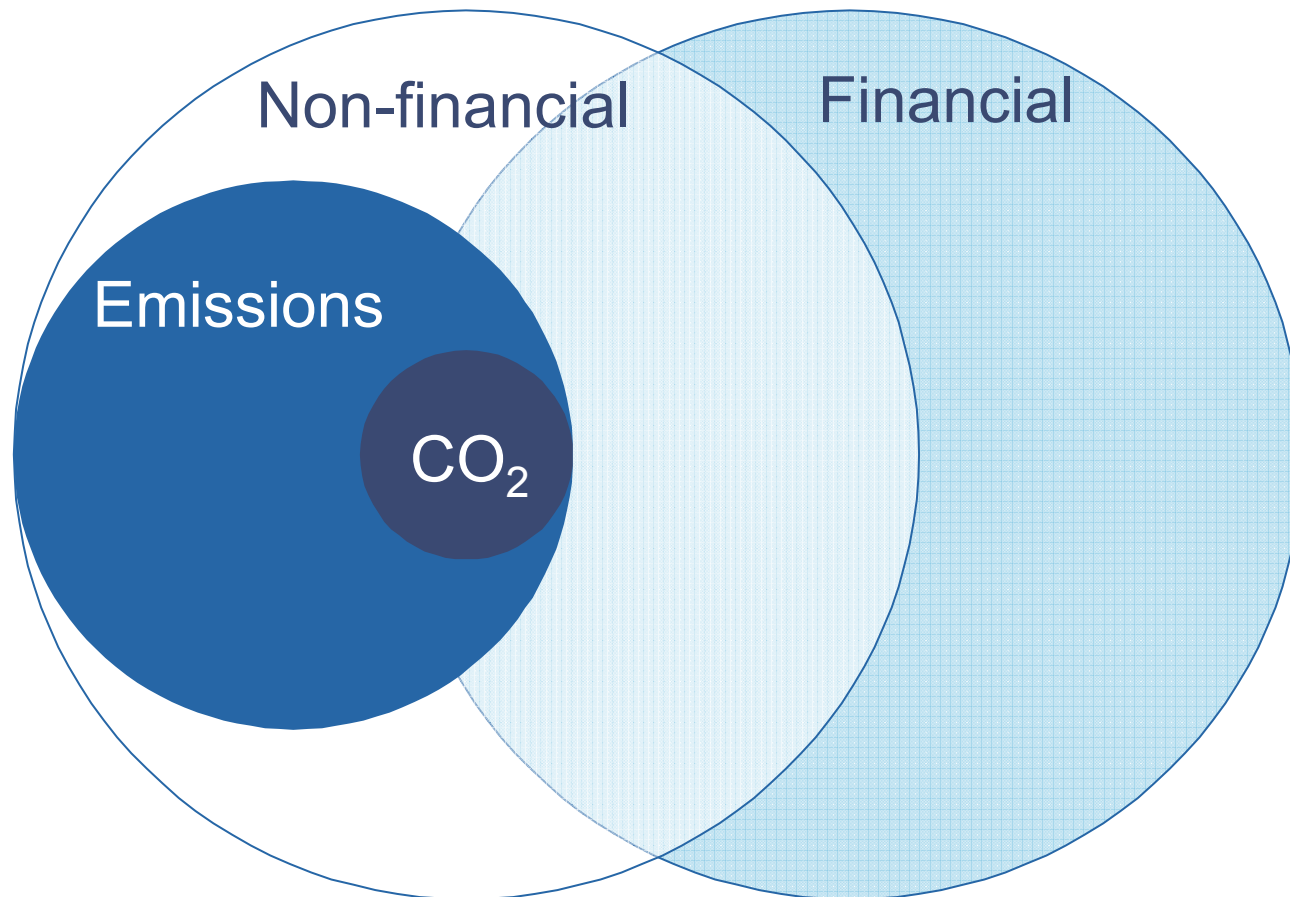
For effective and efficient data exchange in all of this, we need a standard, an eXtensible Emissions Reporting Language (XETL)

Summary

To build trust, we need to ensure transparency, accountability and integrity with a “Global Emissions Compliance Language” at least to cover:

1. Global Institutions with local mirroring
2. A Reference Model for Emissions Compliance Processes
3. A Four-Tier Model for Monitoring, Reporting, Verification and Compliance Standards
4. Enhanced use of Enabling Technologies

Final warning: emissions reporting is not a stand alone process!



Building Trust in Emissions Reporting

More information

Jeroen Kruijd

jeroen.kruijd@nl.pwc.com

