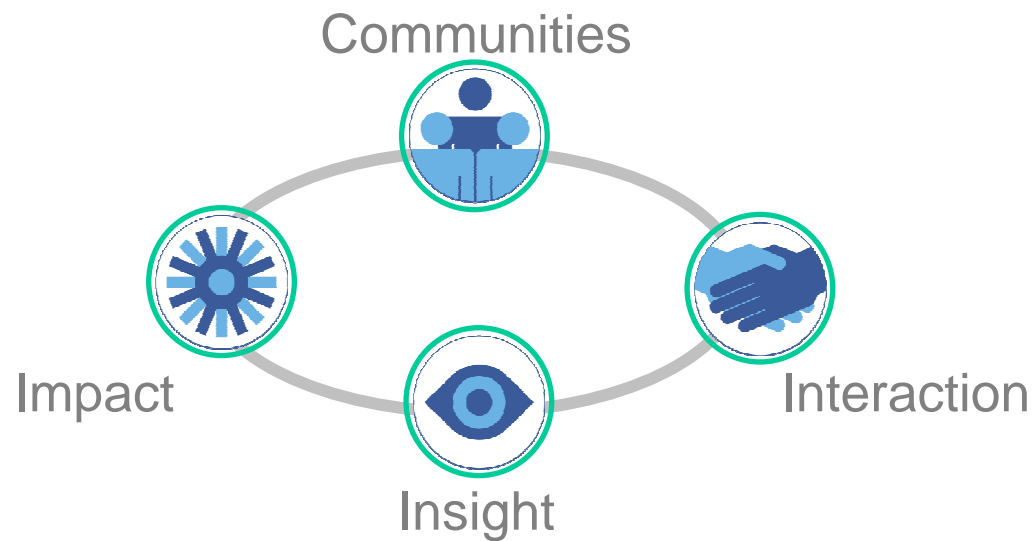




EcoTransIT Workshop Hamburg

sean.doherty@weforum.org

The World Economic Forum

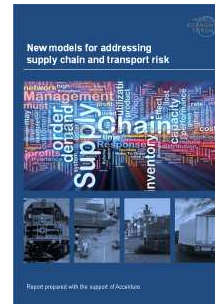
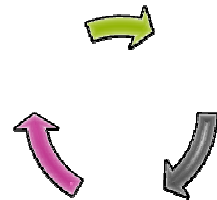


- Global
- Long Term
- Cross-Industry
- Multi-Stakeholder



Sharing Supply Chain Expertise

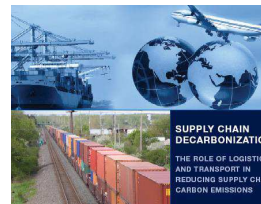
AP Möller Maersk
Airbus
ANA
Bombardier
Deutsche Post DHL
Embraer
FedEx
Ford
Hyundai
Mahindra
Renault - Nissan
Siemens
Stena
Toyota
Transnet
TNT
UPS
VW



Supply Chain & Transport Risk



Open Borders - Enabling Trade



Supply Chain Decarbonization



Slim City

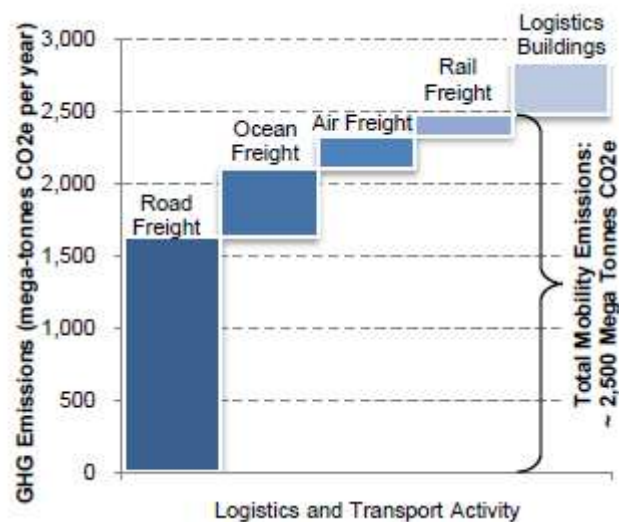


Future of Manufacturing



Anti-Corruption

Supply Chain Decarbonization



- Global Supply Chains
- Size the problem
- Non-anecdotal
- Commercially viable

Supply Chain Decarbonization Opportunities	Potential Abatement Mt CO ₂ e	Assessed Index of Feasibility
Clean Vehicle Technologies	175	High
Despeding the Supply Chain	171	High
Enabling Low Carbon Sourcing: Agriculture	178	Medium
Optimised Networks	124	High
Energy Efficient Buildings	93	High
Packaging Design Initiatives	132	High
Enabling Low Carbon Sourcing: Manufacturing	152	Medium
Training and Communication	117	Medium
Modal Switches	115	Medium
Reverse Logistics / Recycling	84	Medium
Nearshoring	5	Medium
Increased Home Delivery	17	Medium
Reducing Congestion	26	Low

→ Measure, involve customer

Consignment-level Carbon Reporting Guidelines



Co-loading

Allocation between consignments based on contribution to limit load



Backhaul / Routing

Allocation across legs



Marginality

Allocation for marginally costed or priced consignments



Time averaging

Variability of emissions and allocation parameters over time



Subcontracting

Inclusion of emissions from subcontracted operations



Sampling

Use of representative samples for emissions estimates



Boundaries

Treatment of capital goods, fuel supply, packaging, employee transport, etc.

Applicability

Data Standards

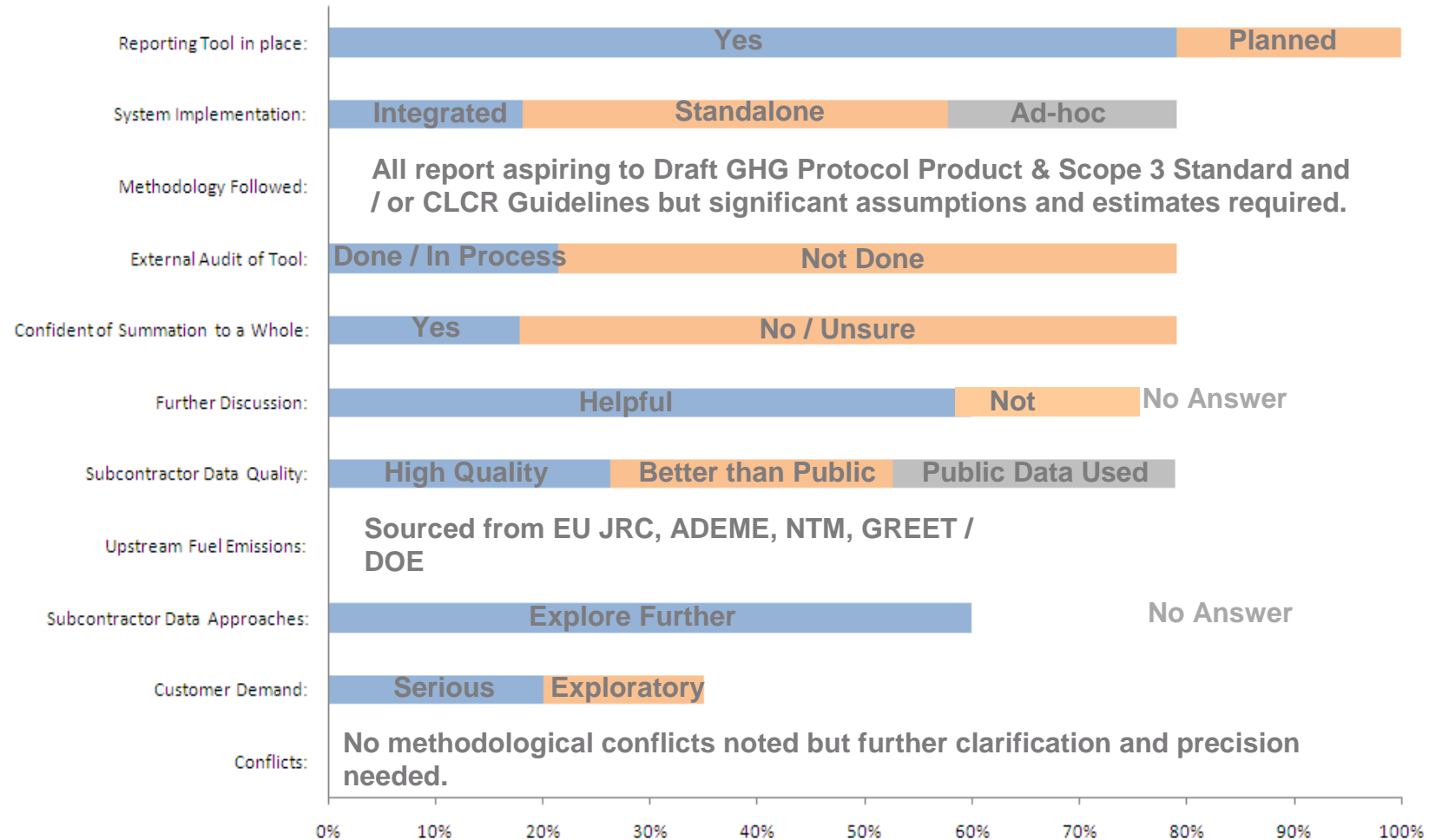
Summation

Scope

Allocation

Implementation Review

Of 14 major companies giving implementation feedback:



Consignment Carbon Working Group

- ✓ Periodic get-togethers
- ✓ Co-ordinated marketing & information
- ✓ Joint neutral platform
- ✓ Multi-stakeholder meetings

Different Aims, Different Tools

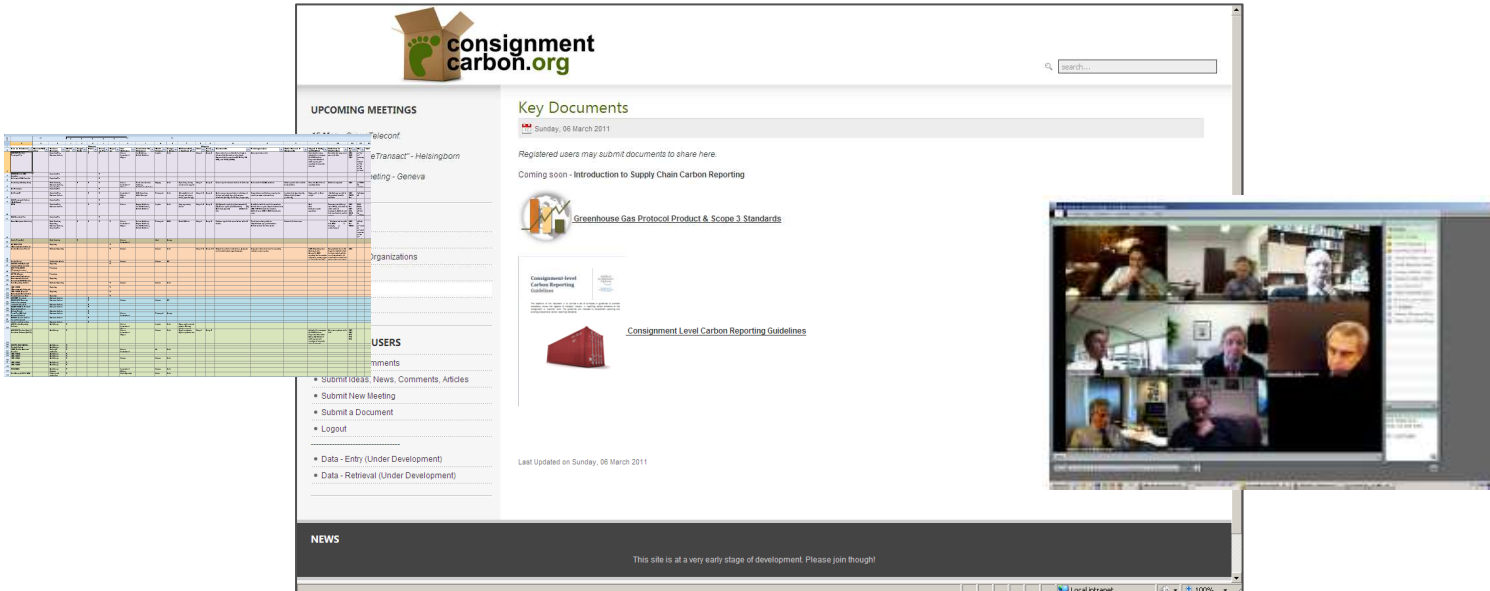
Estimate emissions?

Find industry data?

Find a standard?

Report results?

Get recognition?



The screenshot displays the Consignment Carbon website interface. The main content area includes sections for 'UPCOMING MEETINGS', 'Key Documents' (with links to 'Greenhouse Gas Protocol Product & Scope 3 Standards' and 'Consignment Level Carbon Reporting Guidelines'), and 'USERS' (with options to 'Submit Ideas: News, Comments, Articles', 'Submit New Meeting', 'Submit a Document', and 'Logout'). A 'NEWS' section at the bottom states 'This site is at a very early stage of development. Please join though!'. To the right, a video conference window shows several participants in a meeting. A calendar grid is visible on the left side of the website screenshot.



COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

How can we help?