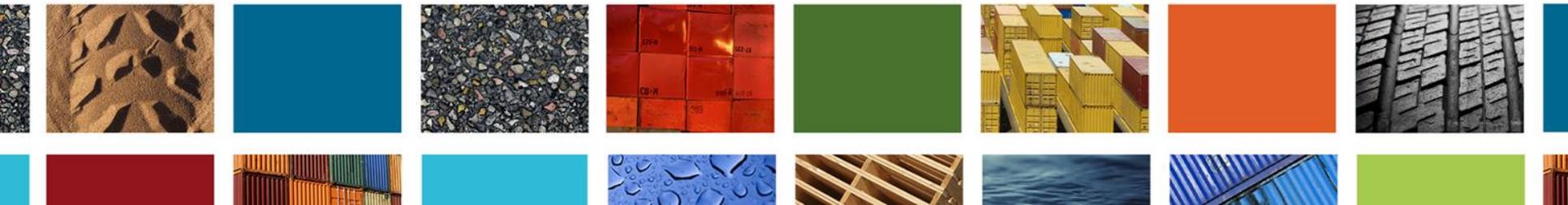


Driving smart freight strategies through the adoption of a global emissions methodology

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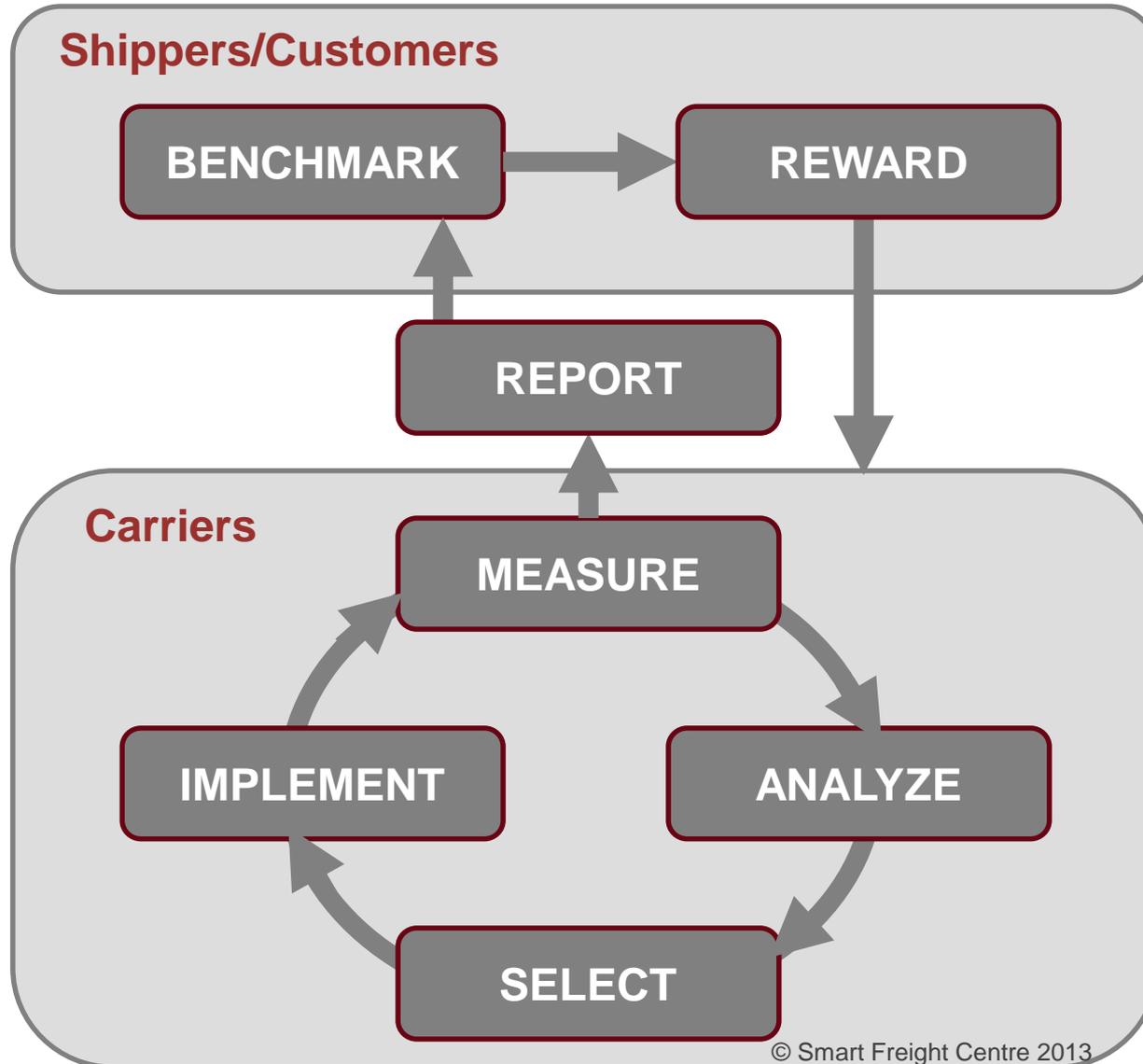


Smart Freight Centre



- **SFC is a global non-profit organization that works with the global freight sector to reduce emissions at scale**
- **SFC aligns key players at the global and regional level to develop and implement a global framework for action**
- **SFC can play this role because it is a fit-for-purpose organization with secured funding, independent from industry or government, and has a global network across stakeholder groups**
- **Industry and other stakeholders benefit through harmonized/aligned methodologies, incubating initiatives for regions/modes where there are gaps, and mobilizing resources to priority areas**

The driver for change lies with industry



Barriers to change

■ Methodologies, data, knowledge

- Example: absence of global methodology prevents shippers from selecting/rewarding carriers worldwide based on their emissions footprint and reduction efforts

■ Financing

- Example: inability of carriers to invest in technologies even if payback period is short

■ Enabling policies and programs

- Example: many countries lack green freight programs, policies and incentives to measure and reduce emissions

■ Aligned stakeholders

- Example: variety of initiatives but lack of coordination to deliver action implementation at scale

Global Framework for Action

(putting methodologies into context)



Smart Freight Global Framework for at scale emission reductions

PARTNERSHIPS

- Smart Freight Centre
- Green Freight Asia
- Green Freight Europe
- SmartWay
- Clean Cargo Working Group
- Air Freight Carbon Initiative
- Other programs/ initiatives
- Leading global shippers, 3PLs, freight forwarders, carriers
- Truck manufacturers, technology suppliers, associations
- Climate and Clean Air Coalition
- Government
- Development agencies
- NGOs
- Academic/research institutions

PULL STRATEGY

Enable at scale adoption of solutions and create a pathway for innovation

LEADERSHIP
from government and
industry

+

**GLOBAL
METHODOLOGIES
for measurement,
reporting, verification**

+

REWARDS
labelling and award
schemes

PUSH STRATEGY

Create and implement a model to take high potential opportunities to scale

TOOLS
to measure, analyse,
benchmark

+

CREDIBLE
INFORMATION
to select technologies
and strategies

+

IMPLEMENTATION
SUPPORT
e.g. financing, expert
advice, incentives

Global Freight Emissions Coalition *(working title)*



- **SFC mandated to coordinate/lead a global group of industry led/backed initiatives**
- **Objectives**
 - A common industry vision statement regarding methodologies and broader green freight
 - **Globally harmonized methodologies for measurement and reporting of emissions from freight movement covering all modes, transfers and regions**
 - Global alignment of industry led/backed initiatives across modes and regions
 - Active engagement and communication with the entire global freight sector and other key stakeholders, e.g. government, scientific/research institutes, NGOs, development agencies

Steps for globally harmonized methodologies *(proposed)*

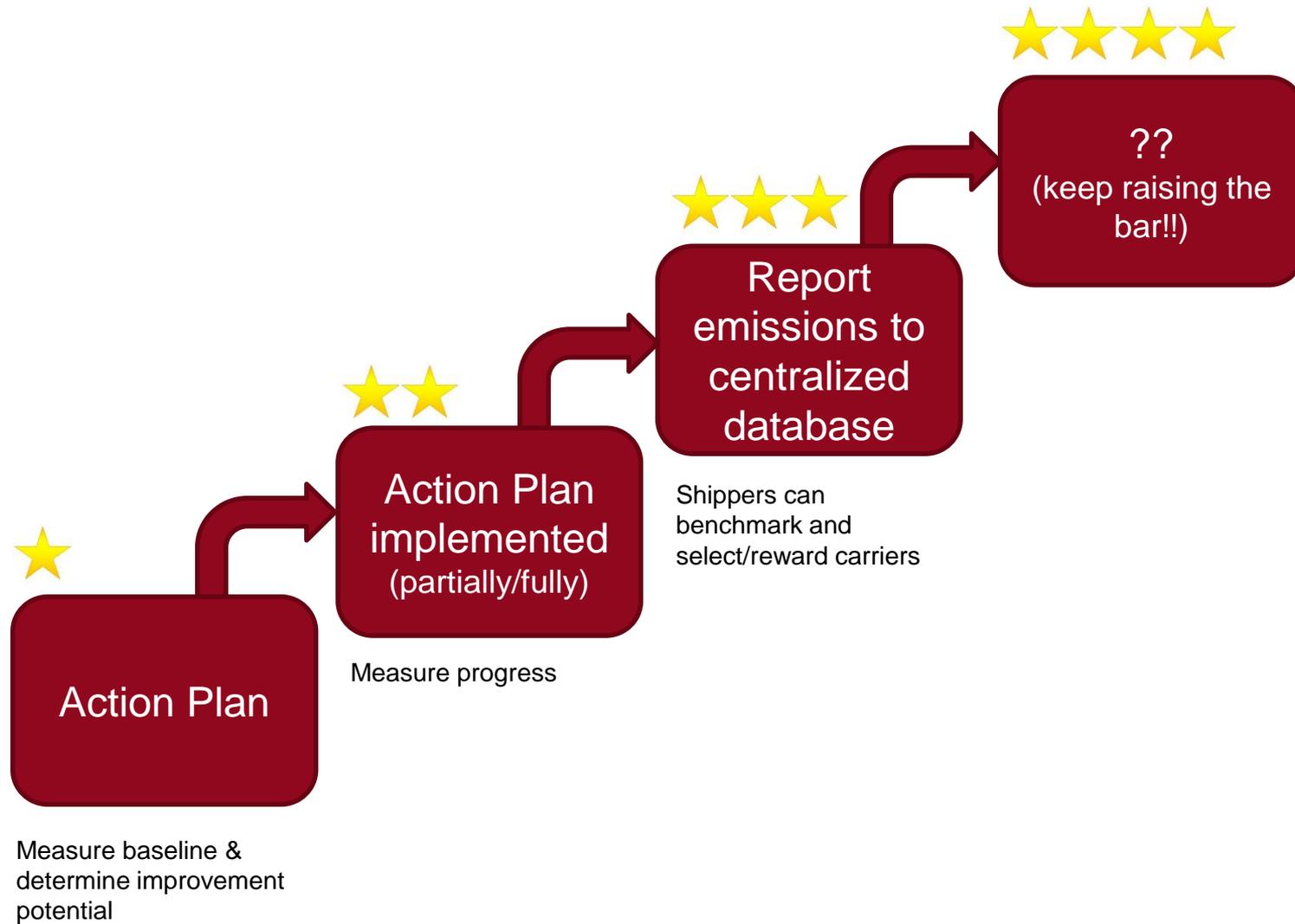
- **Step 1: Global Protocol for use of methodologies across modes and regions and data collection + validation with industry**

	Air	Marine	Road	Rail	Inland waterways	Facilities
Europe						
North America						
Latin America						
Asia Pacific						
Africa						
Middle East						

- **Step 2: Acceptance and use of Global Protocol by industry, government and other players (e.g. through green freight programs and labelling, policies, WBCSD, ISO...)**
- **Step 3: Take the application of the Global Protocol to scale**

Integration of methodology into labelling scheme of a GF program

(Example)





For more information:

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