



GREENHOUSE GAS PROTOCOL

Standard za Vrednostno verigo podjetij (3. obseg)

World Resources Institute
17. november 2011

Standard GHG protokola za javni sektor v ZDA

Oktober 2009: Predsednik Obama podpiše **Izvršilno navodilo za vodilno vlogo zvezne uprave na področju okolja, energije in ekonomije** (*Executive Order on Federal Leadership in Environmental, Energy, and Economic Performance*)

Obveza za vse zvezne agencije, da merijo, upravljajo in zmanjšujejo TGP, usmerjene v zastavljene cilje:

- 30 % zmanjšanje izpustov iz voznega parka do leta 2030
- 95 % vseh javnih naročil spoštuje trajnostne zahteve do leta 2020
- 50 % recikliranje odpadkov do leta 2015
- zgradbe v celoti pasivne do leta 2030

Oktober 2010: Sprejet **Standard GHG protokola za javni sektor v ZDA** (The Greenhouse Gas Protocol for the U.S. Public Sector)

Obsegi ogljičnega odtisa po GHG Protocol



Vir: GHG Protocol

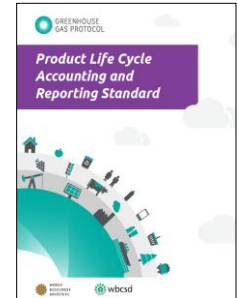
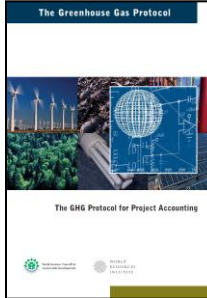
GHG Protocol history



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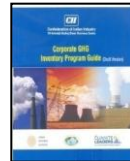
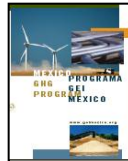
World Business Council for
Sustainable Development




GHG Protocol Standards



U.S. Environmental Protection Agency



The Consumer Goods
FORUM
The Global Network Serving Shopper & Consumer Needs

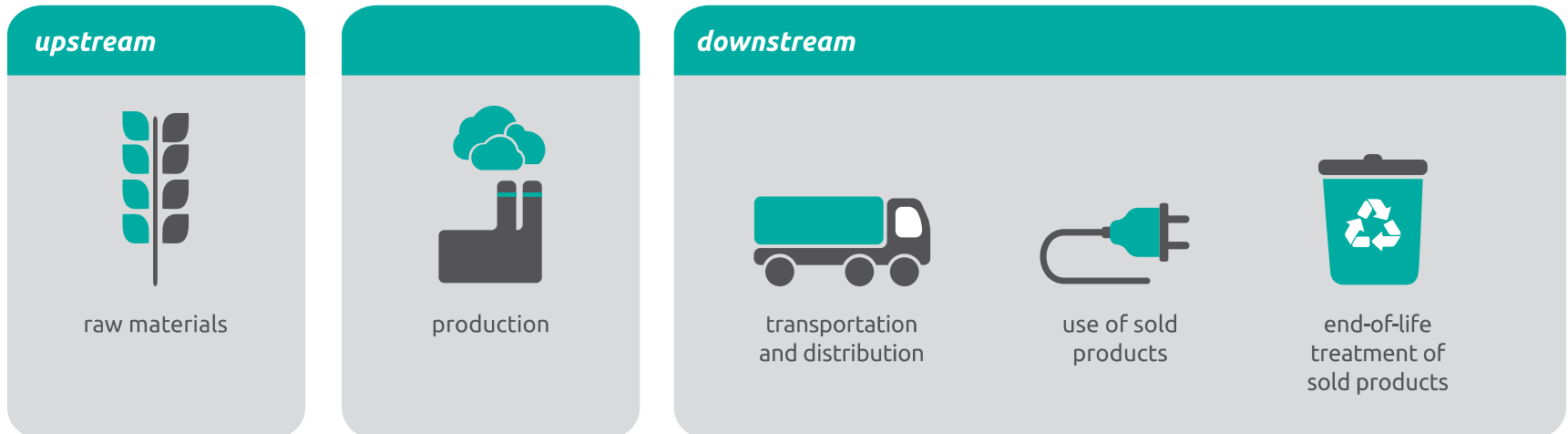


CARBON DISCLOSURE PROJECT

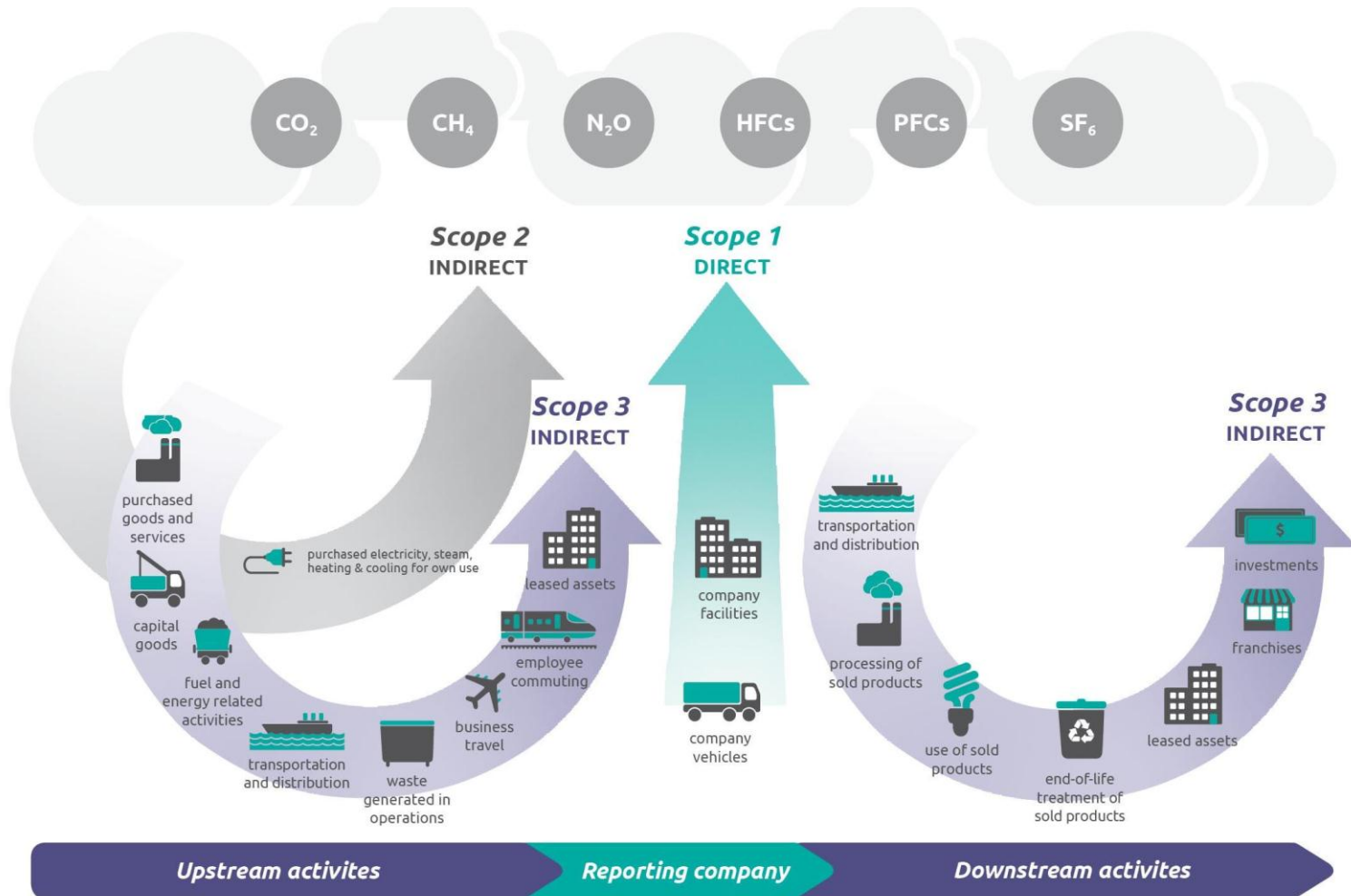


Dva nova standarda, oktober 2011

1. Standard za vrednostno verigo podjetij (3. obseg)
2. Standard za življenjski krog izdelkov



Corporate Value Chain (Scope 3) Standard



Identifying scope 3 emissions

Upstream or downstream

Upstream scope 3 emissions

Downstream scope 3 emissions

Scope 3 category

1. Purchased goods and services
2. Capital goods
3. Fuel- and energy-related activities (not included in scope 1 or scope 2)
4. Upstream transportation and distribution
5. Waste generated in operations
6. Business travel
7. Employee commuting
8. Upstream leased assets
9. Downstream transportation and distribution
10. Processing of sold products
11. Use of sold products
12. End-of-life treatment of sold products
13. Downstream leased assets
14. Franchises
15. Investments

Reporting emissions (selected requirements)

- Report complete scope 1 and scope 2 emissions
- Report scope 3 emissions by category
- Be transparent about data and methodologies used
- Various optional information should be reported when relevant

Scopes and categories	Metric tons CO ₂ e
Scope 1: Direct emissions from owned/controlled operations	
Scope 2: Indirect emissions from the use of purchased electricity, steam, heating, and cooling	
Upstream scope 3 emissions	
Purchased goods and services	
Capital goods	
Fuel- and energy-related activities (not included in scope 1 or scope 2)	
Upstream transportation and distribution	
Waste generated in operations	
Business travel	
Employee commuting	
Upstream leased assets	
Other	
Downstream scope 3 emissions	
Downstream transportation and distribution	
Processing of sold products	
Use of sold products	
End-of-life treatment of sold products	
Downstream leased assets	
Franchises	
Investments ¹	
Other	

IKEA: inform GHG reduction targets

- IKEA estimated scope 3 emissions from all sold products that consume energy during use
- Products included all types of appliances and lighting sold in 25 countries
- Use of sold products accounted for 20% of total scope 1, 2, and 3 emissions
- Expects to achieve annual GHG reductions of several million tons - more than the company's total scope 1 and 2 emissions



IKEA has adopted a target that, by 2015, all products sold will be 50 percent more efficient on average than the products on the market in 2008.

Kraft Foods: inform GHG reduction strategies

- Focused on achieving a complete Scope 3 inventory to support strategic decision making
- Used industry-average life cycle data
- Found that scope 3 comprise more than 90% of the company's emissions and 'purchased goods and services' are 70% of scope 3
- Kraft Foods is now focusing on reducing emissions from the agricultural supply chain



The company is now trying to work with a few high-emission areas for reductions, such as helping cocoa producers in Ghana increase crop yields while minimizing use of carbon-intensive fertilizer