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Resilient nations.



مصرف لبنان
BANQUE DU LIBAN

THE FEDERATION
OF CHAMBERS OF COMMERCE,
INDUSTRY & AGRICULTURE IN LEBANON



اتحاد
غرف التجارة والصناعة
والزراعة في لبنان



Co-funded by
the European Union

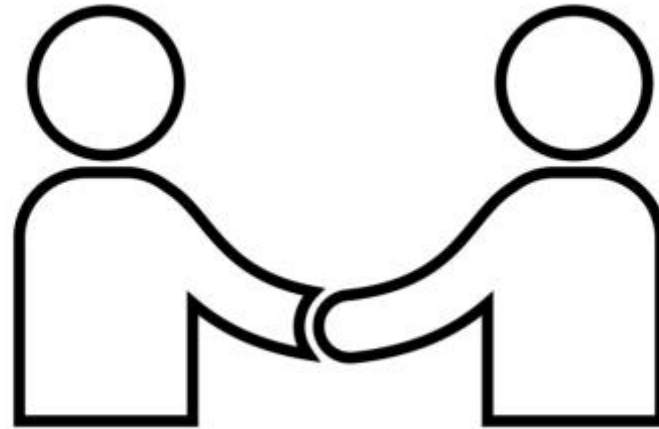
Climate Change

in cooperation with



Project implemented by
AGRICONSULTING CONSORTIUM
Agriconsulting Agrer CMCC CIHEAM-IAM Bari
d'Appolonia Pescares Tyrsa Sviluppo Globale

- Name
- Company
- Background



- Recognize climate change
- Realise climate change impacts
- Calculate carbon footprint
- Identify appropriate activities to reduce carbon footprint
- Manage stakeholder expectations

Module 1: Sustainability and climate change

Module 2: Stakeholder identification

Module 3: Initiatives for climate change

Module 4: Calculating Greenhouse Gas emissions

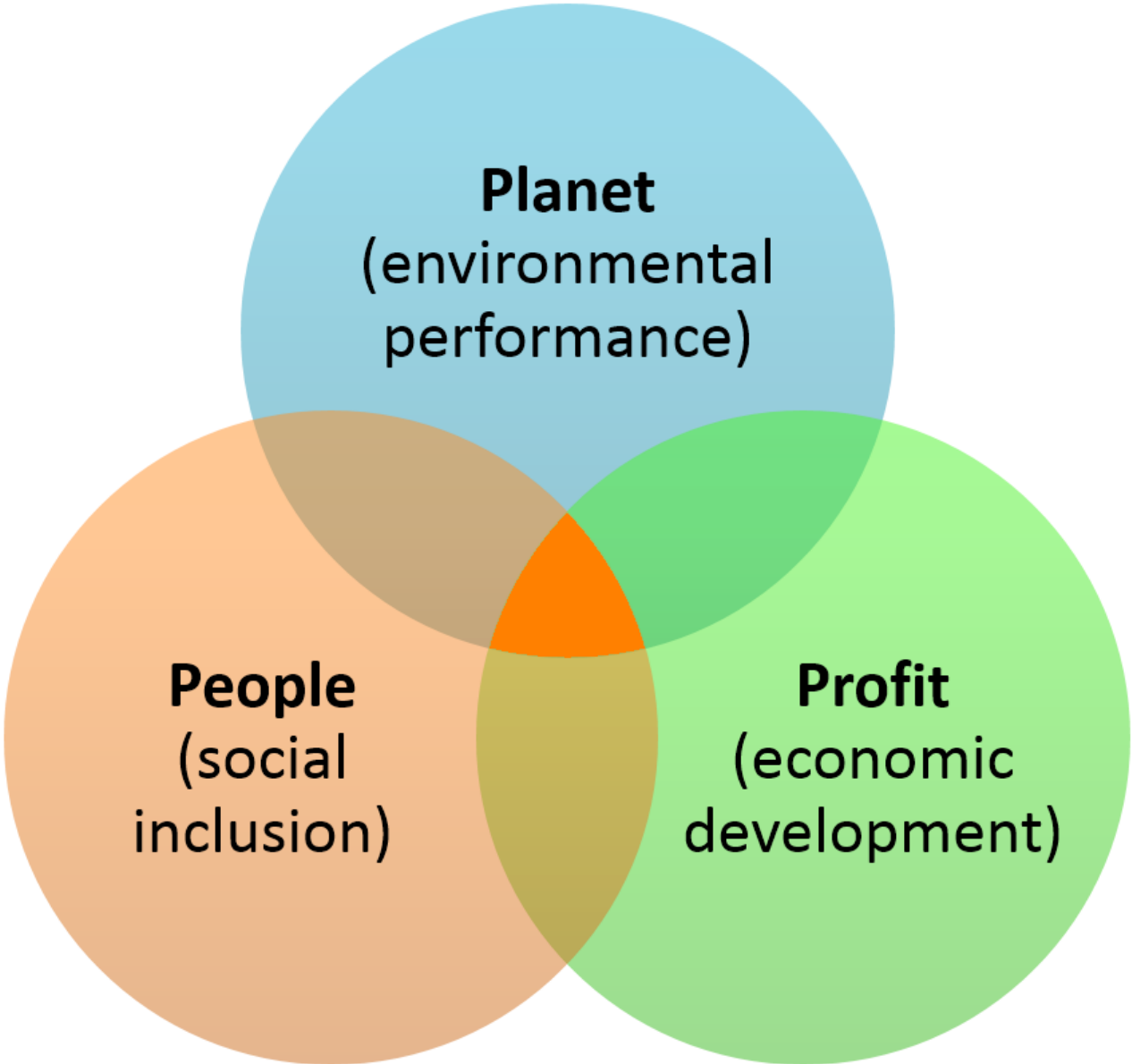
Module 5: Carbon management strategy

MODULE 1

SUSTAINABILITY AND CLIMATE CHANGE

A brave glance towards a greener future

What is Sustainability all about?



Simultaneous pursuit of



Economic Development,
effectiveness and
prosperity



Environmental quality,
protection and
performance



Social equity, inclusion
and justice







Sustainability: The ability or capacity of something to be maintained or to sustain itself, to support, or endure.

Sustainable development: The development that meets the needs of the present without compromising the ability of future generations to meet their own needs. (Gro Brundtland, World Commission on Environment and Development (WCED), 1987)

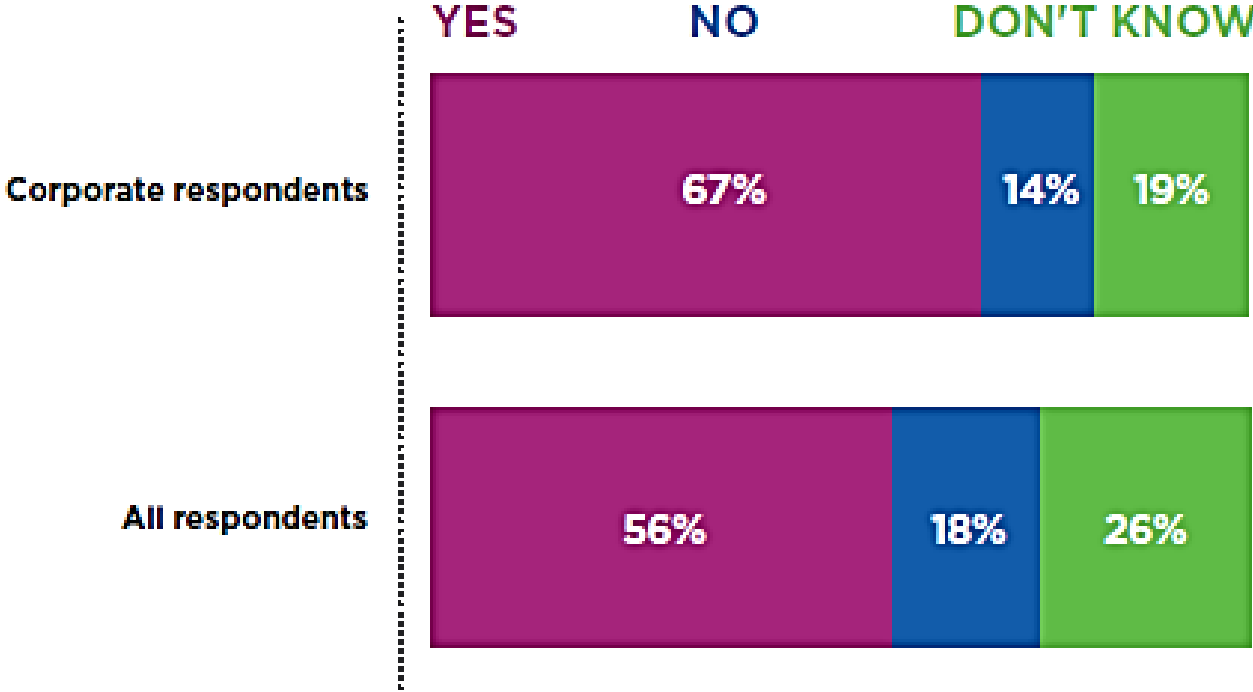
What are the benefits?

- Improved **reputation**
- Better **risk** management
- Improved **customer** retention
- Improved **innovation, competitiveness** and market positioning
- Enhanced operational efficiencies and **cost savings**
- Cost efficient **supply chain**
- Access to **capital**
- Improved relations with **regulators**
- Building and sustaining **shareholder value**
- Enhanced ability to **address change**

The Business Case for Sustainability

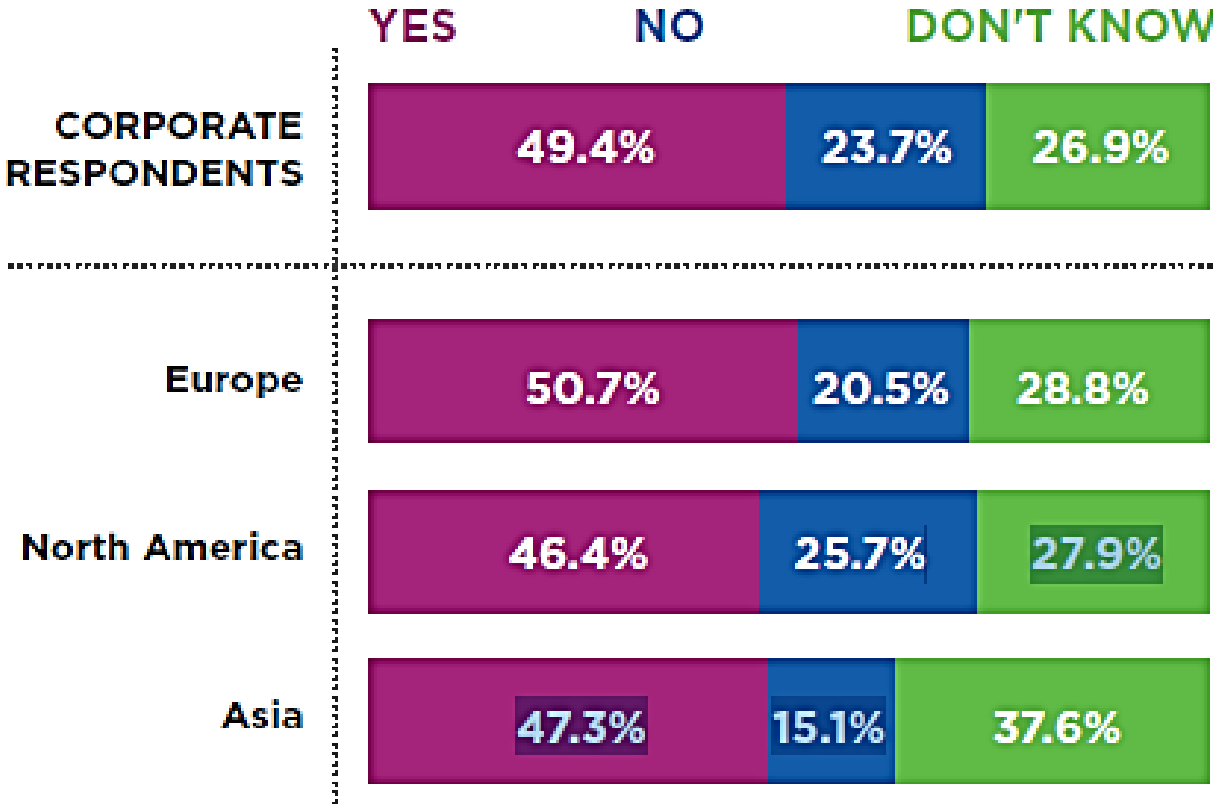
Company	What they've done	Tangible benefits
	<ul style="list-style-type: none"> • Forever Food: Ensuring that consumers have food to eat – forever • 100% wild and farmed fish from certified sustainable resources by 2012 	<ul style="list-style-type: none"> • Launch of Omega-3 fish finger in 2007 resulted in 78% of consumers switching from Cod to Pollack (3,000 tonne reduction in annual Cod catch) • Brand/ reputation benefits
	<ul style="list-style-type: none"> • Mission Zero sustainability strategy: to become a zero-impact organisation 	<ul style="list-style-type: none"> • Eco-efficiency savings of \$433m (1995 – 2010) • Winner of inaugural BusinessGreen Leaders Award
	<ul style="list-style-type: none"> • Annual R&D spend: \$700 mn in 2006 to \$1.5 bn by 2010 	<ul style="list-style-type: none"> • Revenue of \$21 bn in 2011 (twice the growth rate of the company average)
	<ul style="list-style-type: none"> • Reduce packaging by 5% globally by 2013 (2008 Baseline) • Vision: zero waste target 	<ul style="list-style-type: none"> • Estimated saving of \$3.4 billion annually from packaging reduction activities
	<ul style="list-style-type: none"> • Innovation focus on products which promote resource efficiency and climate protection 	<ul style="list-style-type: none"> • Sales of €7.7bn from climate protection products (2010), which accounts for 20% of total sales
	<ul style="list-style-type: none"> • Launched the Green Portfolio Program at 16 of its portfolio companies to help these companies manage their environmental impacts and improve business performance 	<ul style="list-style-type: none"> • Collectively, companies have achieved more than \$365 million in financial impact and avoided 810,000 metric tons of GHG emissions, 2.2 million tons of waste, and 300 million litres of water¹²

Q: Does sustainability drive savings for your business?



The Business Case

Q: Does sustainability drive revenue for your business?



Sustainable Development Goals



The Goals and targets will stimulate action over the next fifteen years in areas of critical importance for humanity and the planet

What Do We Mean by Climate Change?



CLIMATE CHANGE

Some Definitions

Weather: The state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain

Climate:

- Long Term - Wide Area
- Seasonal Changes
- Measured over long spans of time

Greenhouse Gases: Any gas that absorbs infrared radiation in the atmosphere. CO₂, CH₄, N₂O, O₃, CFCs, HCFCs, HFCs, PFCs, SF₆. [4]

Mitigation Actions: Human interventions to reduce the human impact on the climate system; they include strategies to reduce greenhouse gas sources and emissions and enhancing greenhouse gas sinks.

Resilience: A capability to anticipate, prepare for, respond to, and recover from significant multi-hazard threats with minimum damage to social well-being, the economy, and the environment.

Climate Change: The significant change in the measures of climate, lasting for an extended period of time.

Global Warming: The recent and ongoing global average increase in temperature near the Earth's surface.

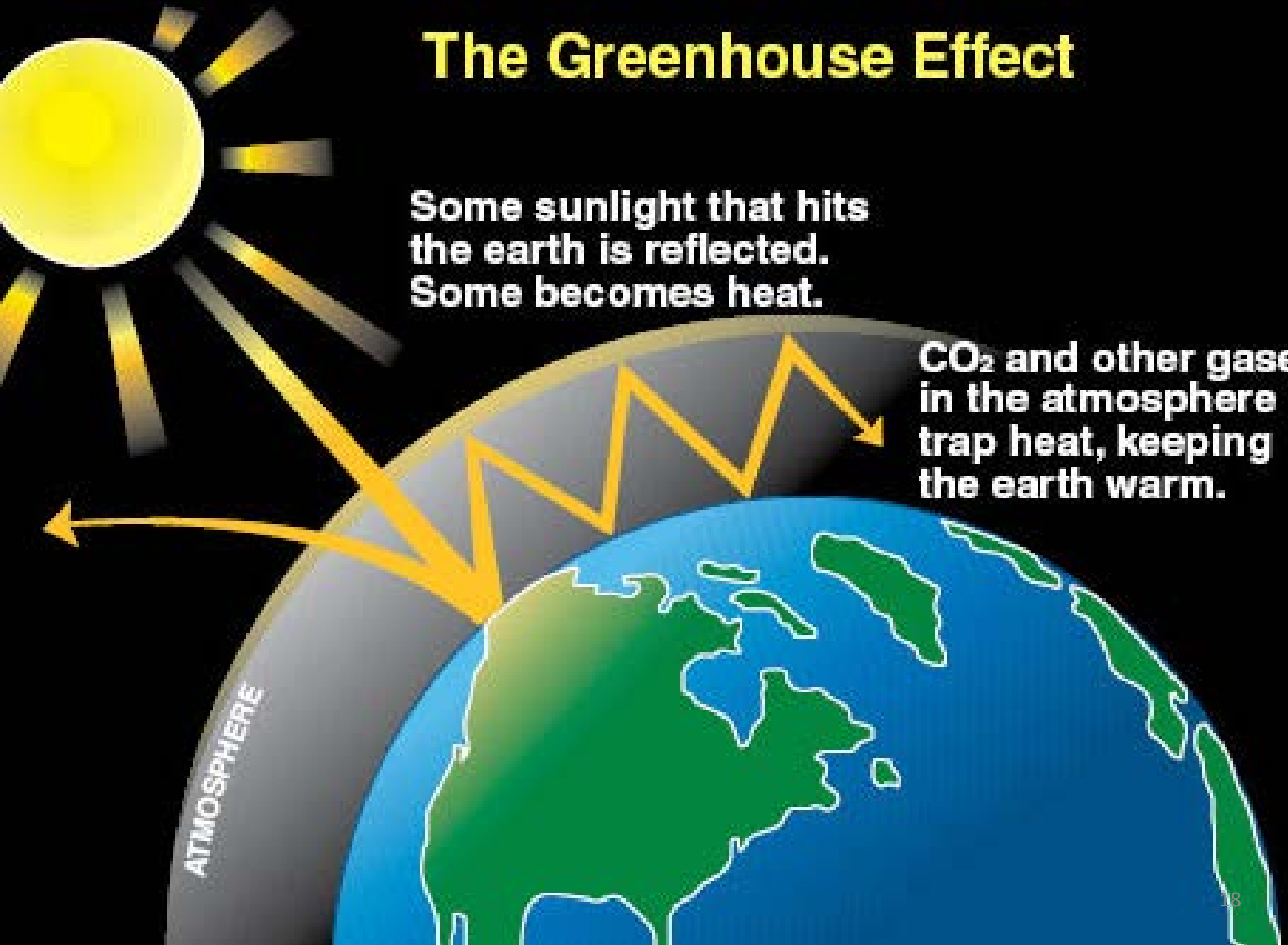
Climate Disruption: The summary of unwanted and unnatural change in climate.

Adaptation Actions: Adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities.

The Greenhouse Effect

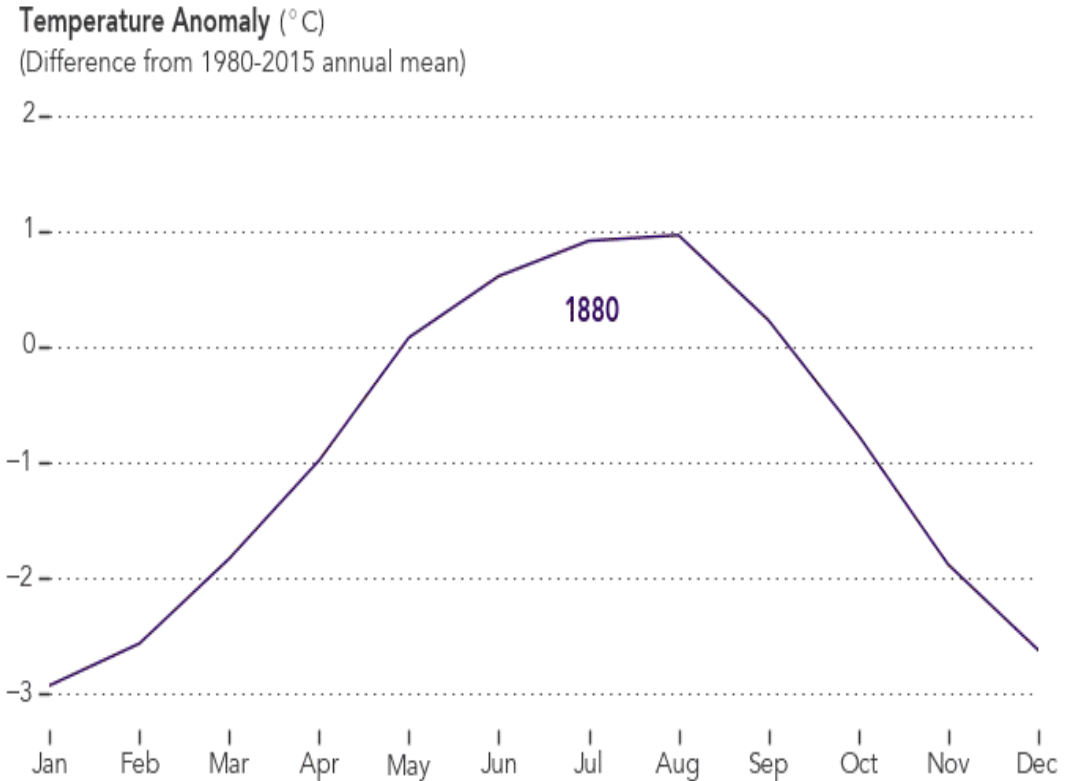
Some sunlight that hits the earth is reflected. Some becomes heat.

CO₂ and other gases in the atmosphere trap heat, keeping the earth warm.



Evidence that Climate is Changing

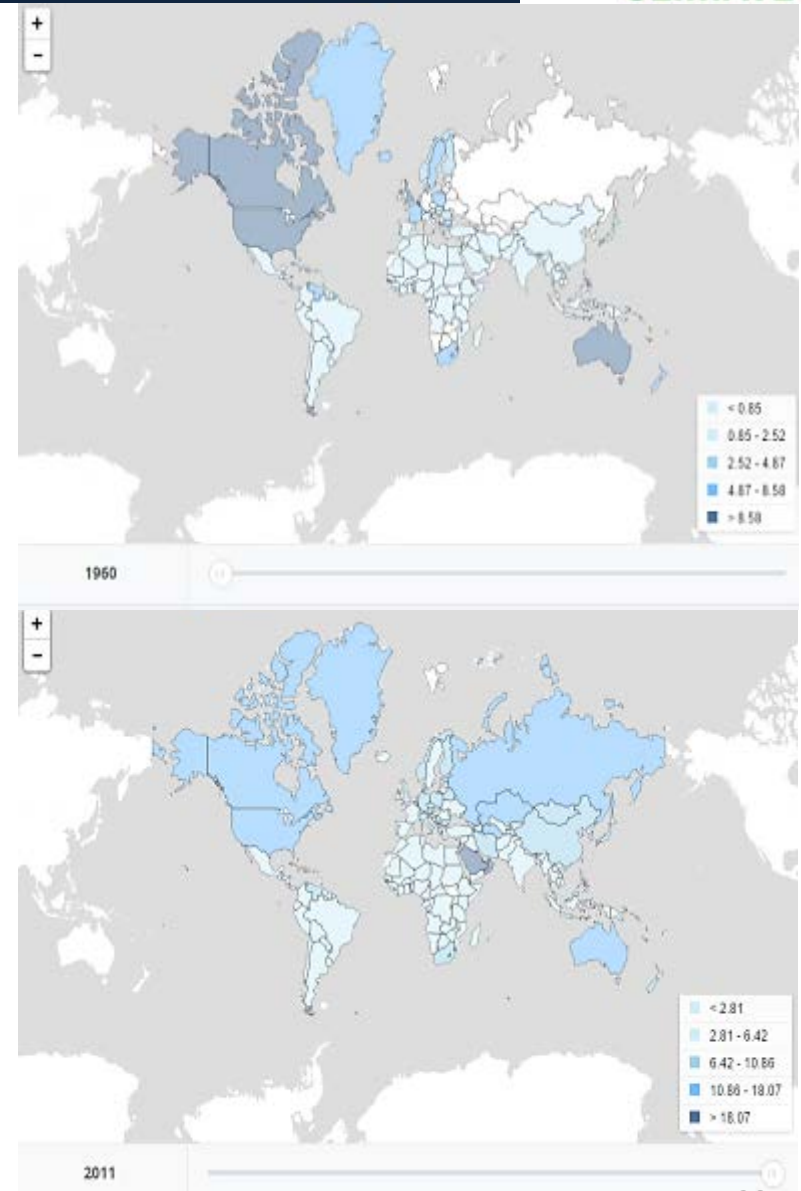
Global average temperature has increased by 0,19 °C since 1880, according to NASA.



<http://earthobservatory.nasa.gov/blogs/earthmatters/2016/09/12/heres-how-the-warmest-august-in-136-years-looks-in-chart-form/>

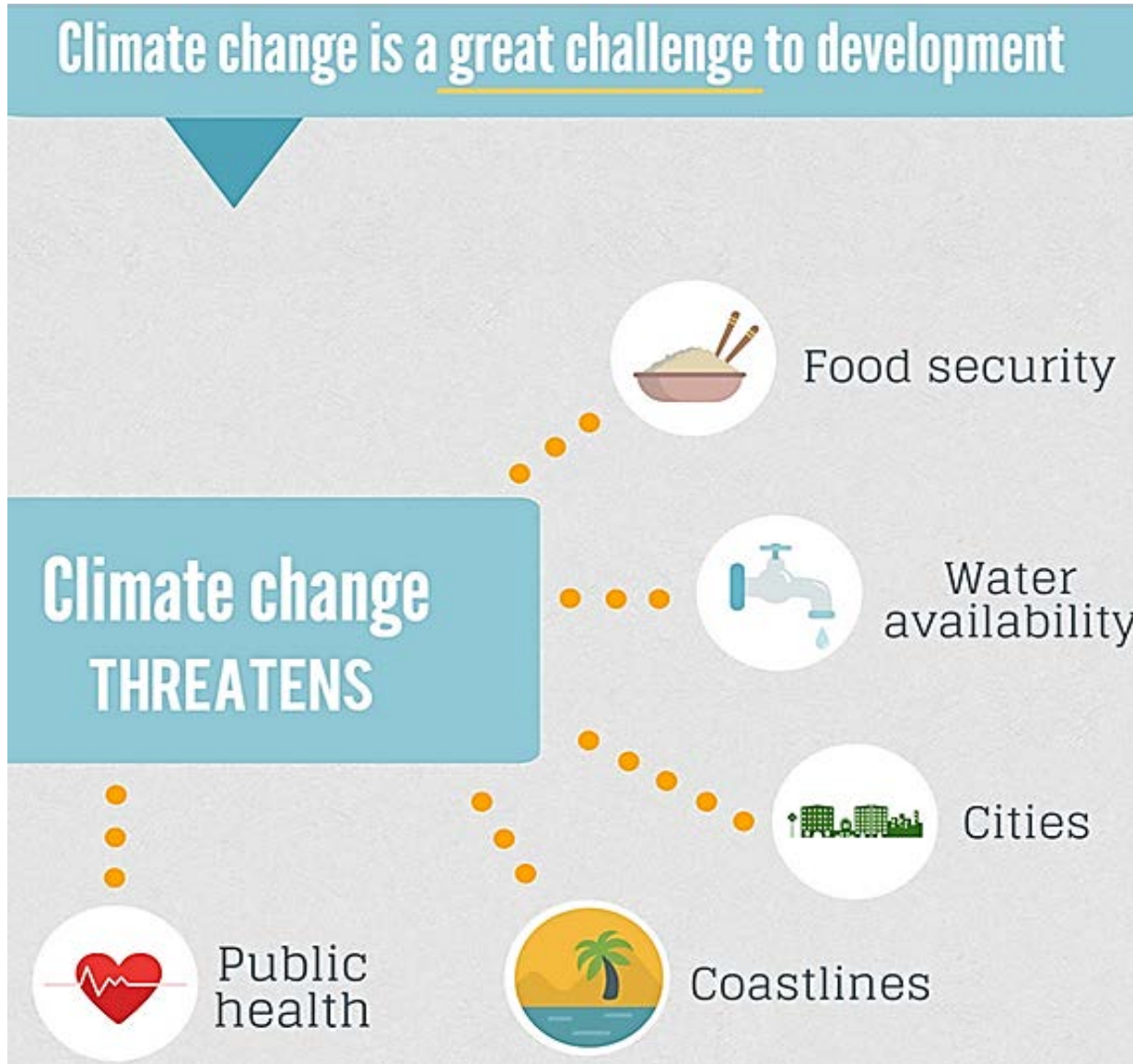
- Artic ice minimum reduced by 13,4% per decade
- Carbon Dioxide raise to 404.07 parts per million

Evidence

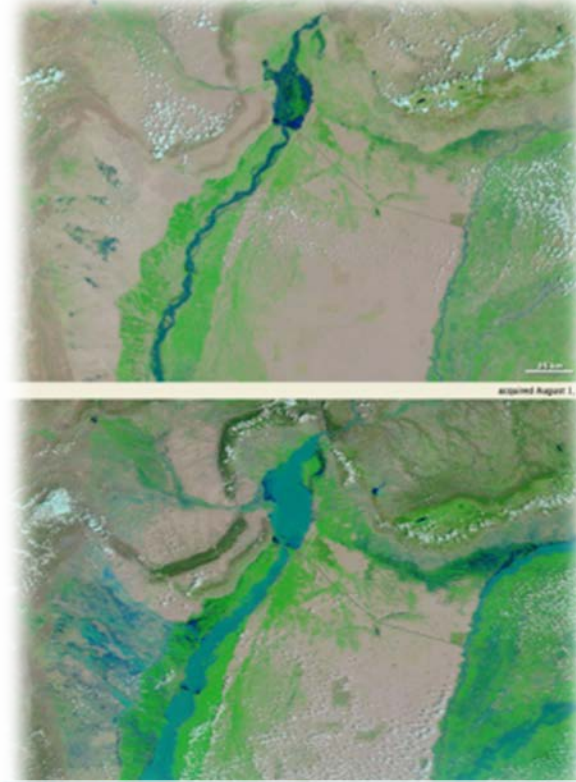


CO2 emissions (metric tons per capita)

Climate Change Impacts



Climate Change Impacts



Vast portions of Europe on the Mediterranean coastline, especially Italy, Greece, and France, may become completely inhospitable to grape production by 2050.

Colder-than normal temperatures lead to incomplete ripening with high acid, low sugar, and unripe flavours (whereas) warmer-than-normal temperatures create overripe fruit with low acid, high sugar, high alcohol and cooked flavours. (Mozel et al 2014, Wine Economics and Policy)

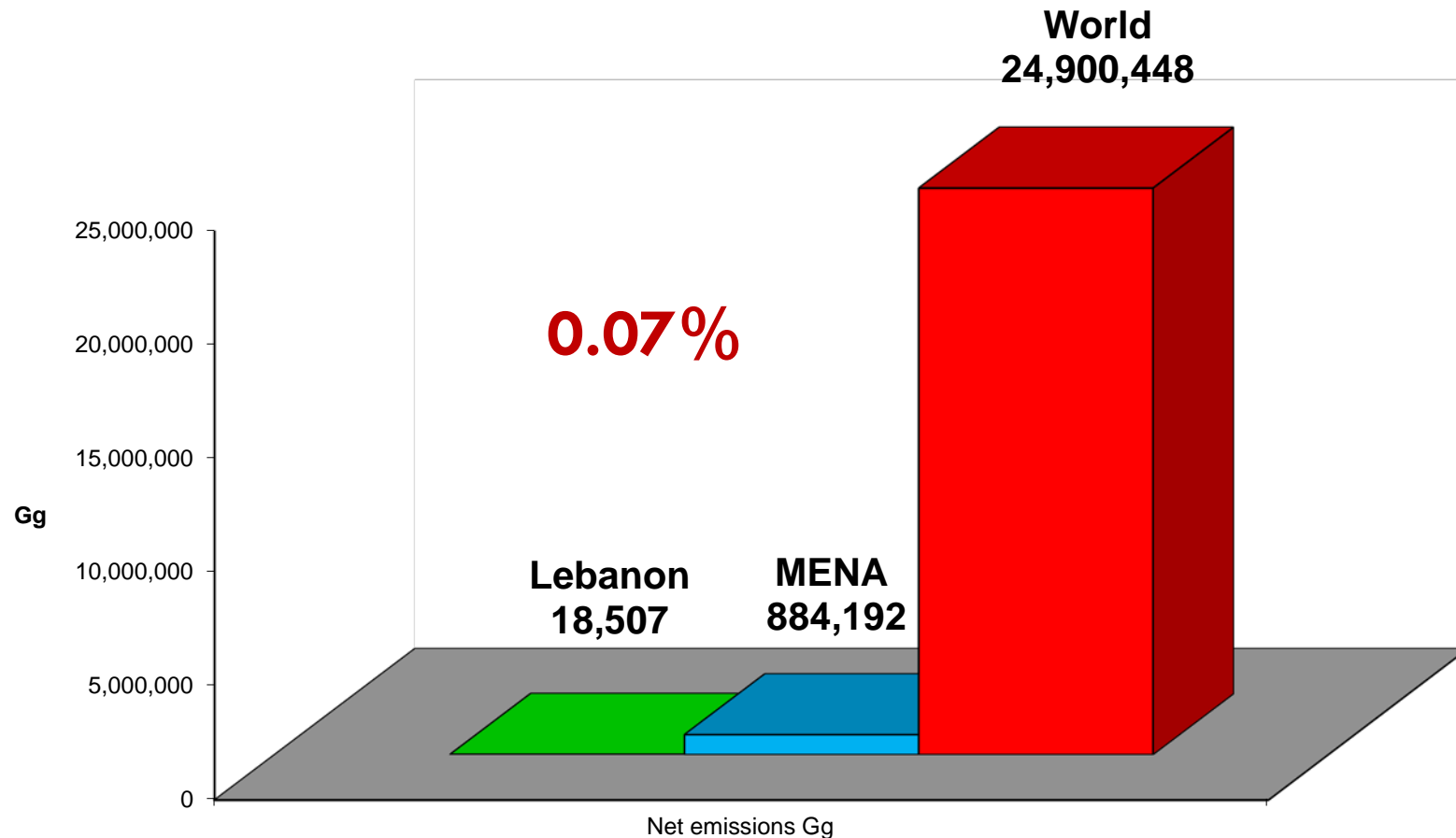


Lloyd's says damage and weather-related losses around the world have increased from an annual average of \$50bn in the 1980s to close to \$200bn over the last 10 years. (May 8, 2014. The Guardian)



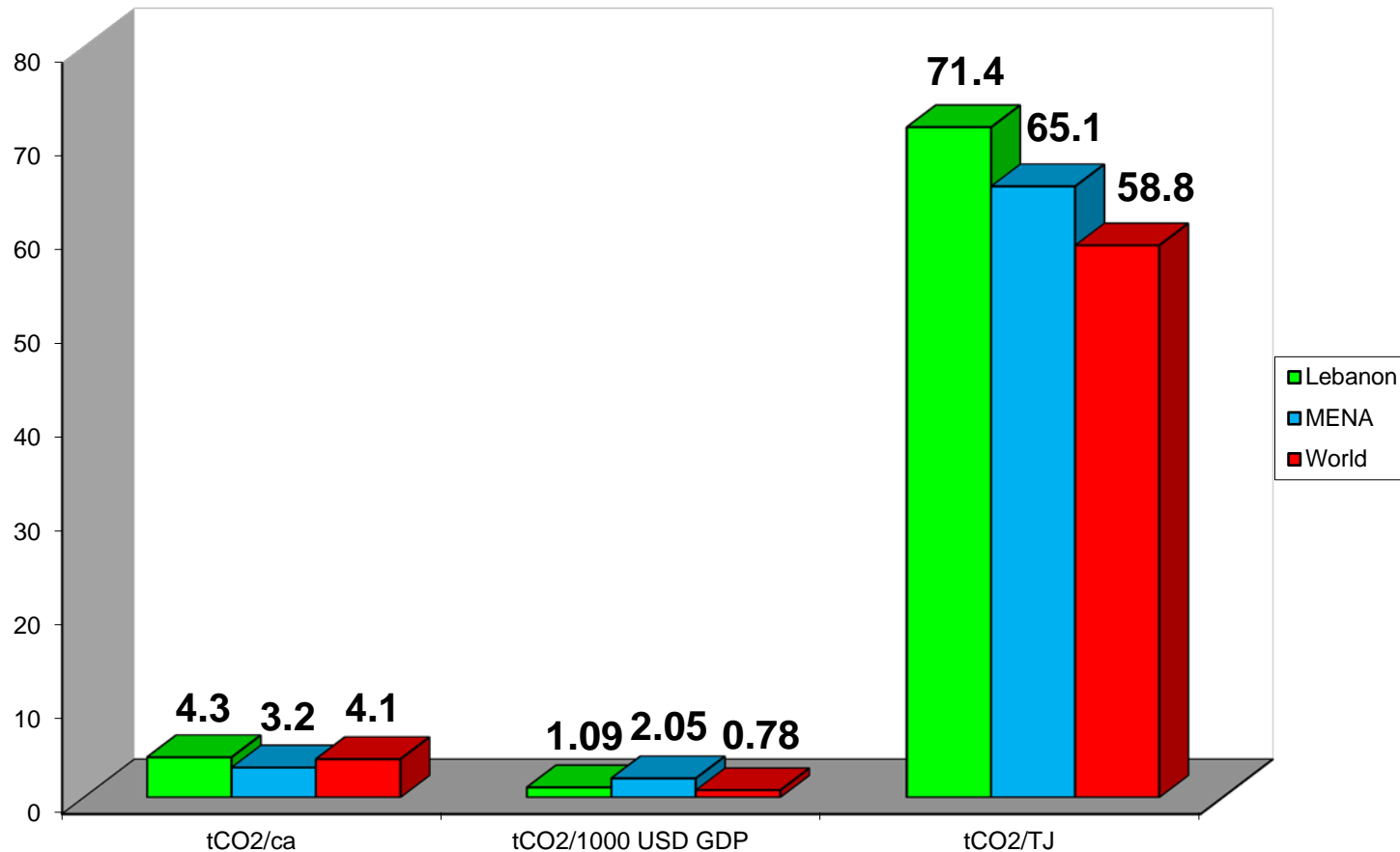
Lebanese Emissions with the World

EMISSIONS OF LEBANON IN COMPARISON WITH THE REGION AND THE WORLD-
YEAR 2000

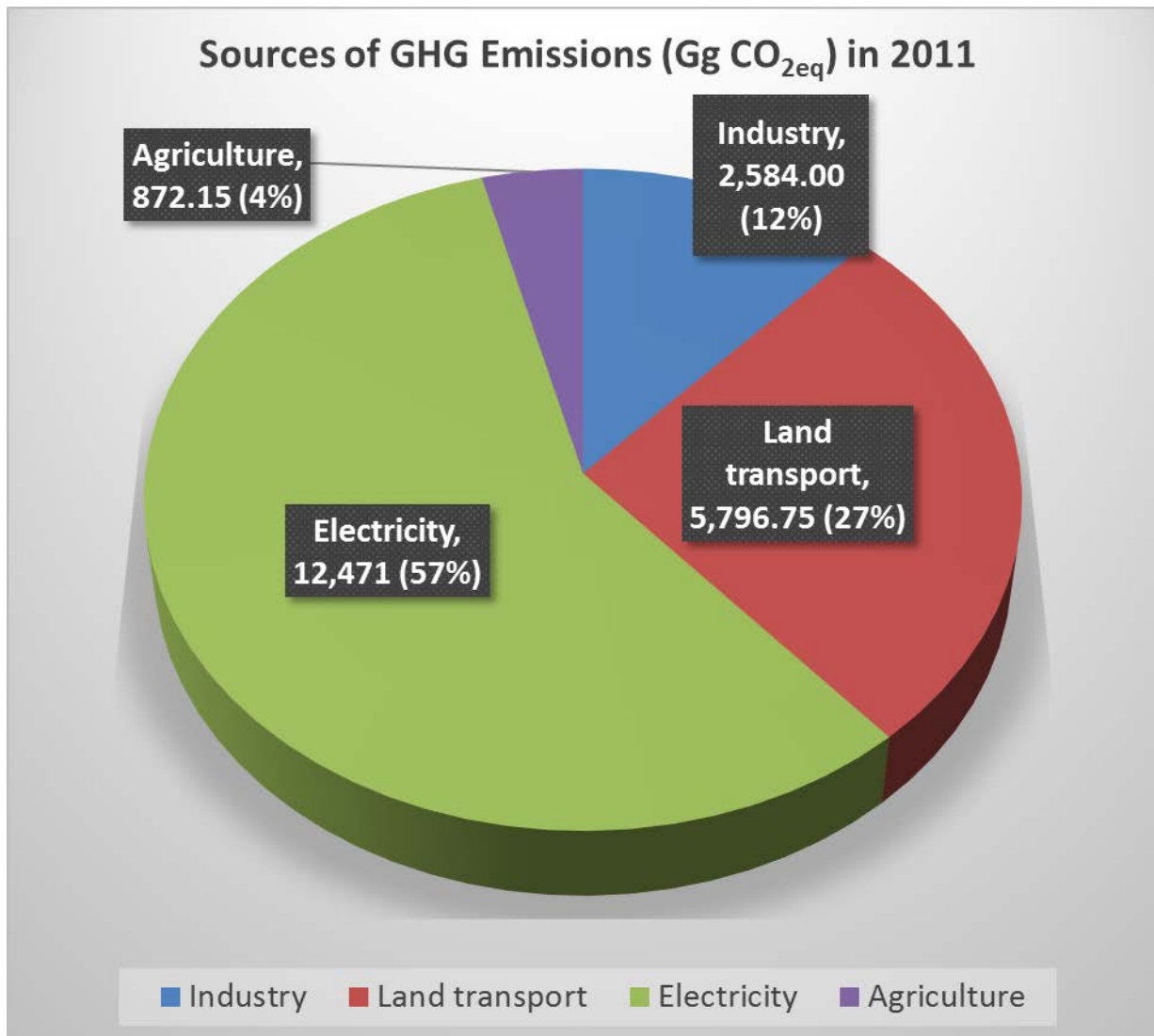


Lebanese Indicators Vs the World

EMISSION INDICATORS OF LEBANON IN COMPARISON WITH THE REGION AND THE WORLD- YEAR 2000



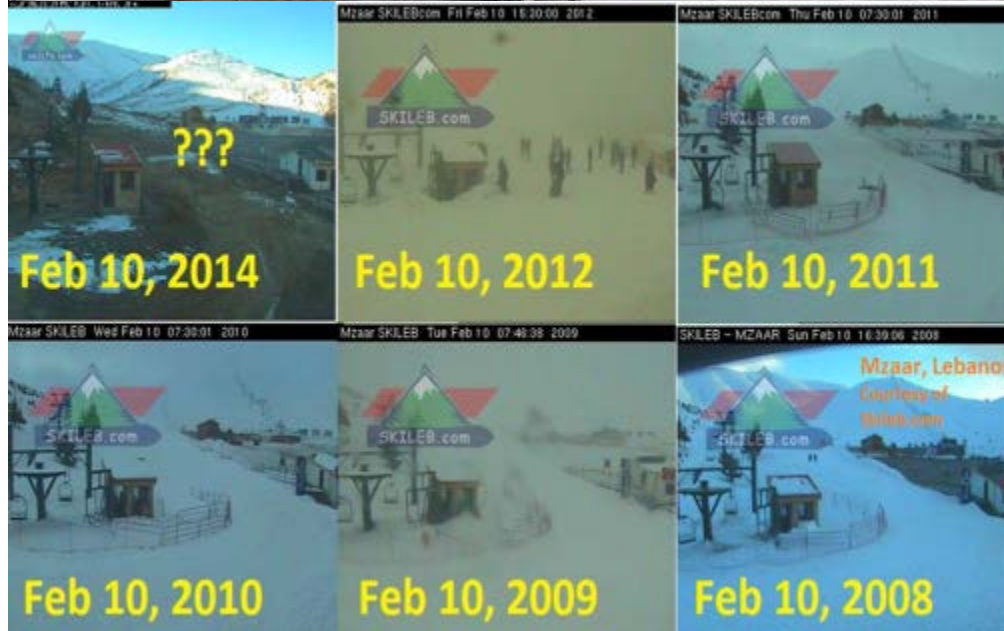
Lebanese GHG Emissions





<https://www.youtube.com/watch?v=d92ZiVFxHIA>

Climate Change Impacts on Lebanon



MAIN CLIMATE PROJECTIONS BY 2090

3.5°C
5°C

Temperature increase

25%
45%

Rainfall decrease

50

Additional hot summer days ($T_{max} > 35^{\circ}\text{C}$)

34

Additional tropical nights ($T_{min} > 25^{\circ}\text{C}$)

18

Days increase on drought period

IMPACTS OF CLIMATE CHANGE ON WATER IN LEBANON

- 3900** Mm³ annual river flow
- 1200** Mm³ annual yield from springs
- 200** Mm³ from spring water available in summer
- 926** m³ water availability per capita per day
- 60** Percent of water used for irrigation
- 40** Percent decrease in precipitation leading to substantial decrease in water

IMPACTS OF CLIMATE CHANGE ON AGRICULTURE IN LEBANON

- 27** Percent of Lebanon's area as cultivated land
- 50** Percent irrigated agriculture
- 38** Percent of agricultural lands are in the Bekaa
- 5** Degrees increase in temperature causing heat and drought waves
- 40** Percent decrease in precipitation leading to decrease water available for irrigation
- 5.5** Percent of GDP is from agriculture
- 250,000** Lebanese families live directly from the agricultural sector

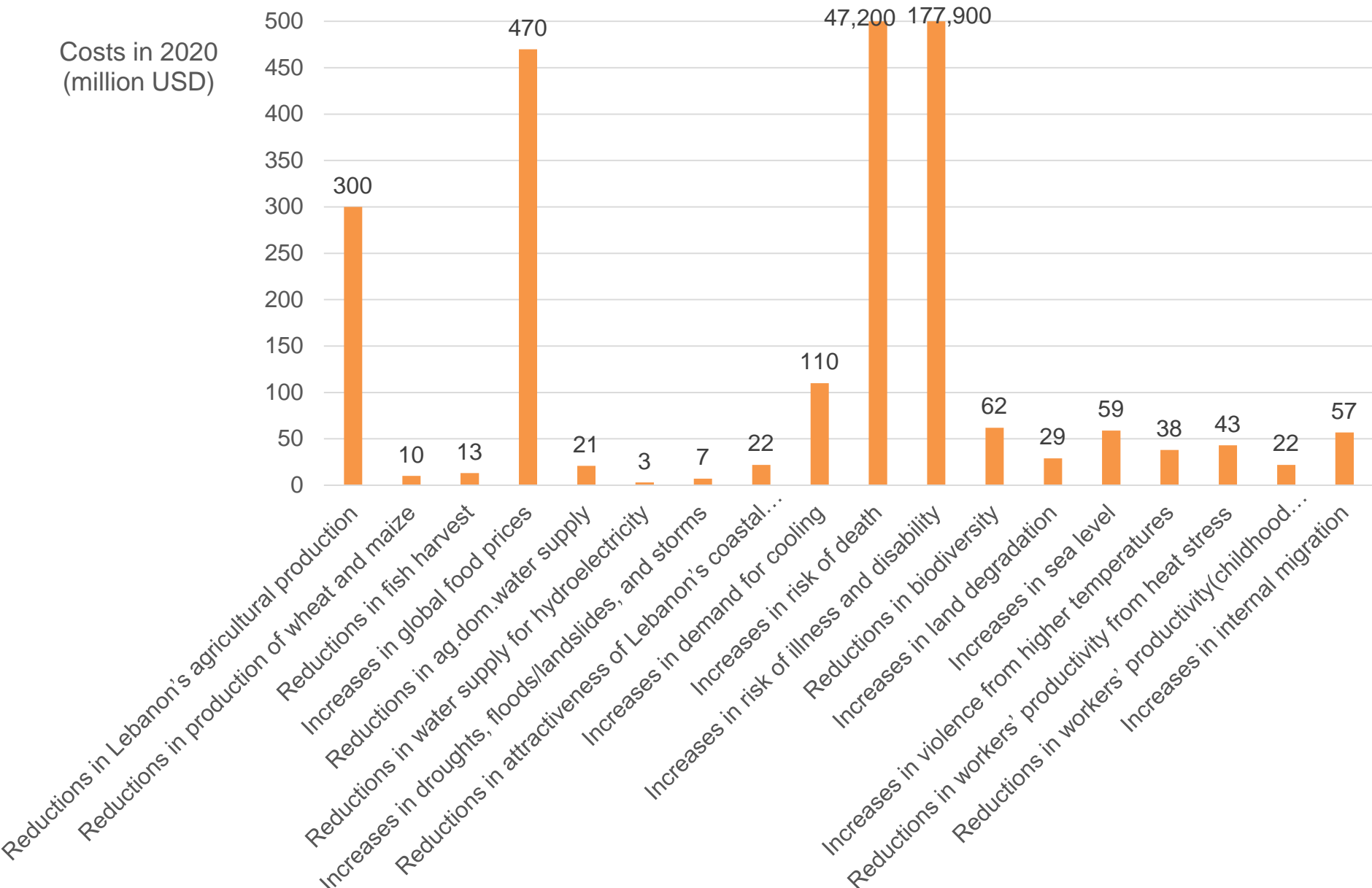
IMPACTS OF ON COASTAL ZONES AND INFRASTRUCTURE

- Sea flooding and inundation due to increase in the mean sea level, or in the frequency and intensity of episodic events
- Sea water intrusion due to overexploitation of groundwater
- Coastal erosion which could lead to a loss of sandy beaches
- Financial losses in coastal and marine economic activities (tourism, agriculture, fisheries, transportation)

Climate Change Impacts on Lebanon

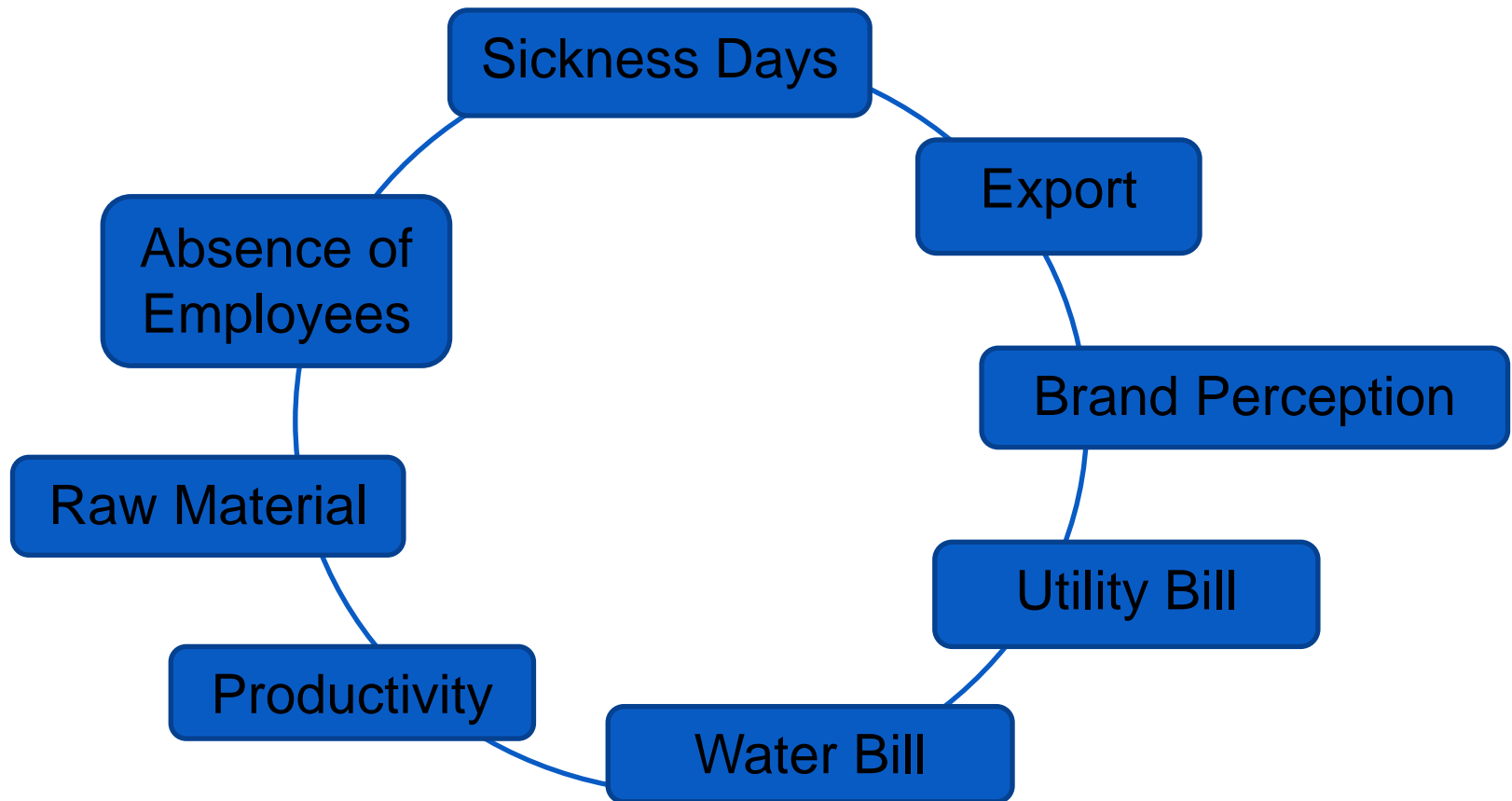


Costs in 2020
(million USD)



Climate Change Impacts on YOUR Business

Climate Change causes serious impacts on business:



*In Lebanon, the total costs might equal **USD 1,900 million in 2020**, rising to **USD 138,900 million in 2080** (Economic Costs to Lebanon from Climate Change: A First Look, MOE 2015).*

**YOU CONTROL
CLIMATE CHANGE.**





What is it really all about?

Where to start from?

Why should I do it?

How to measure progress and impact?

What can I do?

Who will be involved?

MODULE 2

STAKEHOLDER MANAGEMENT

How to effectively engage with stakeholders

Key Questions

What do we mean by stakeholders?

Why are they so important

How can I recognise them

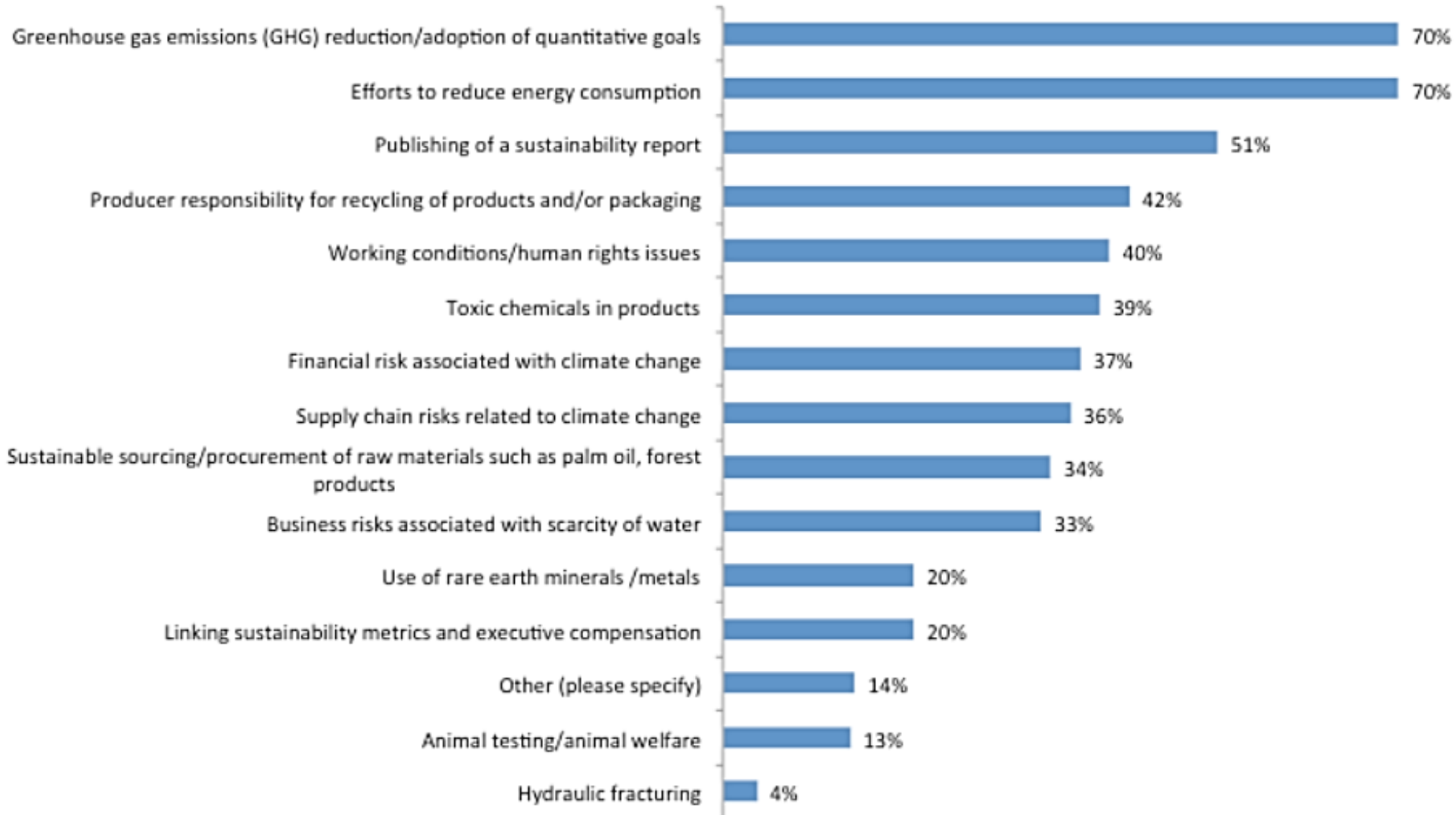
What is stakeholder engagement and what are the benefits?

FOR GLOBAL RESPONDENTS

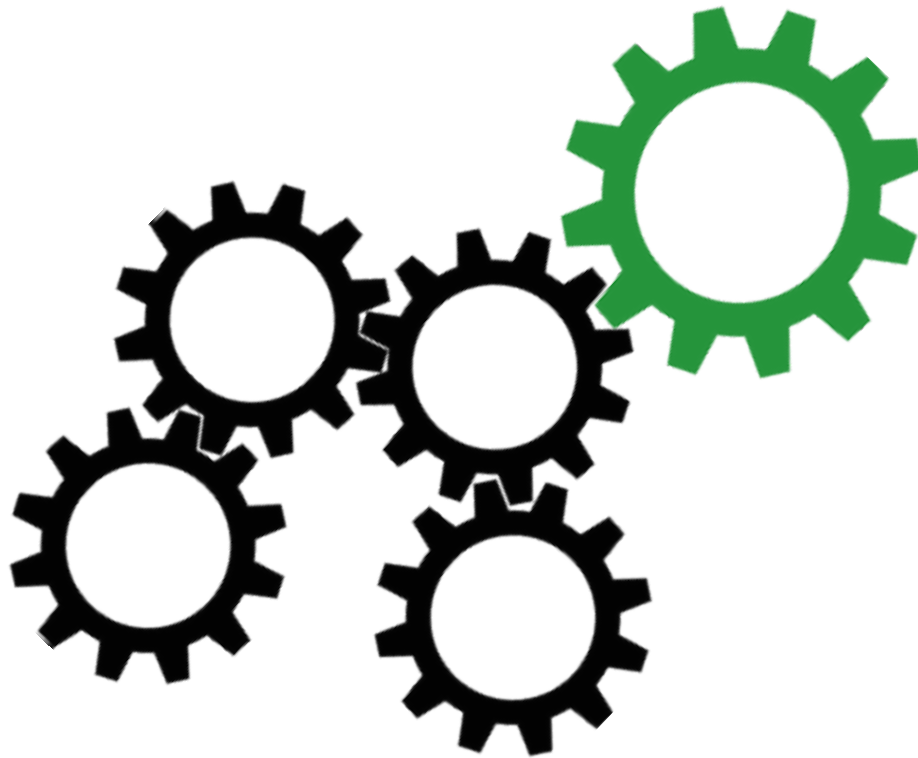
Percent that were "very heavily" or "heavily" influenced by purchasing driver

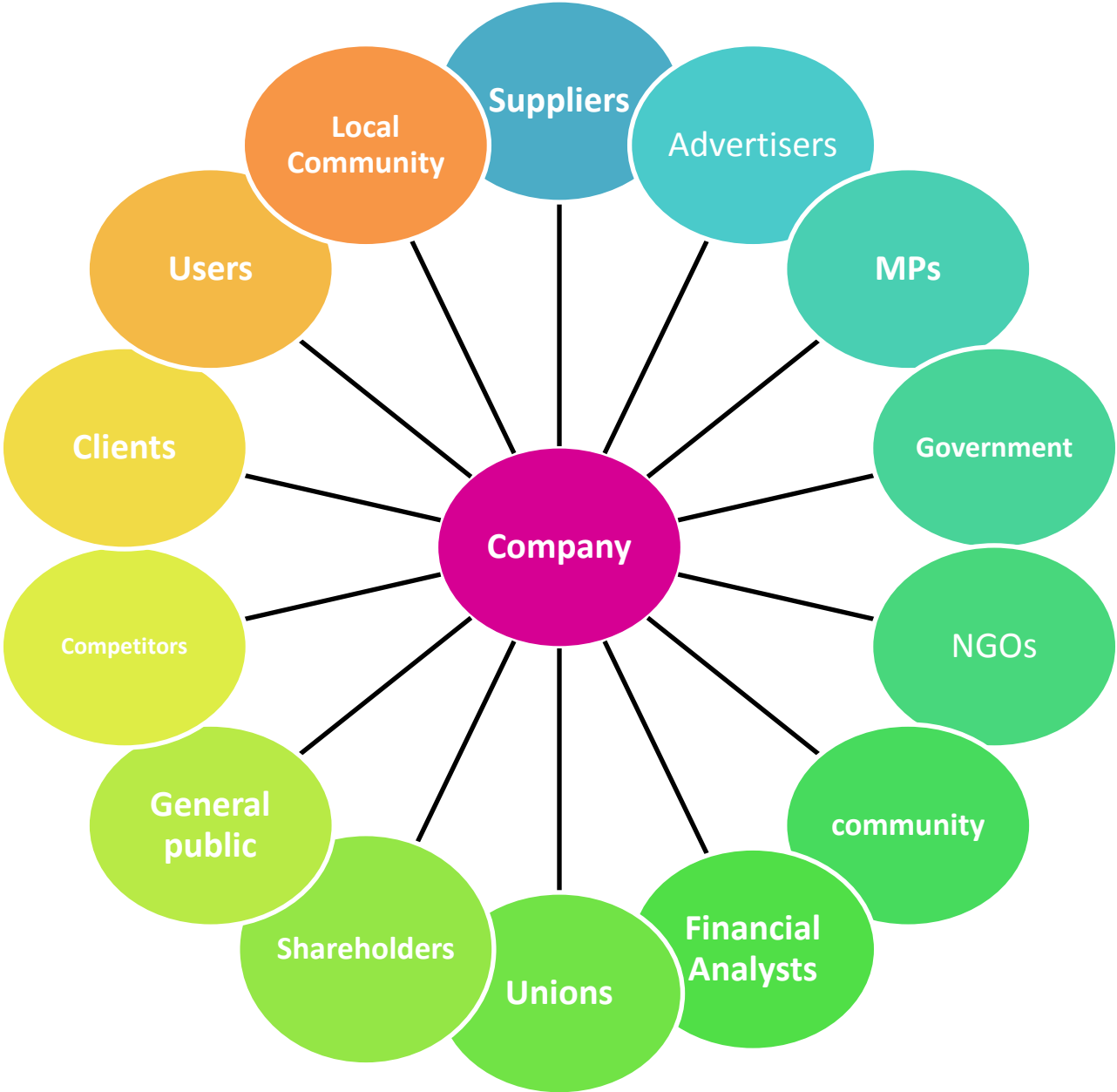


Sustainability Related Topics Shareholders and Investors ask about



Individuals or groups who are **affected** directly or indirectly by the company activities or **affect** company activities & decisions.





Identification and prioritisation of Stakeholders

1. Work in teams
2. Select an organization
3. Identify the Stakeholder groups for your organization
4. Prioritize the stakeholders

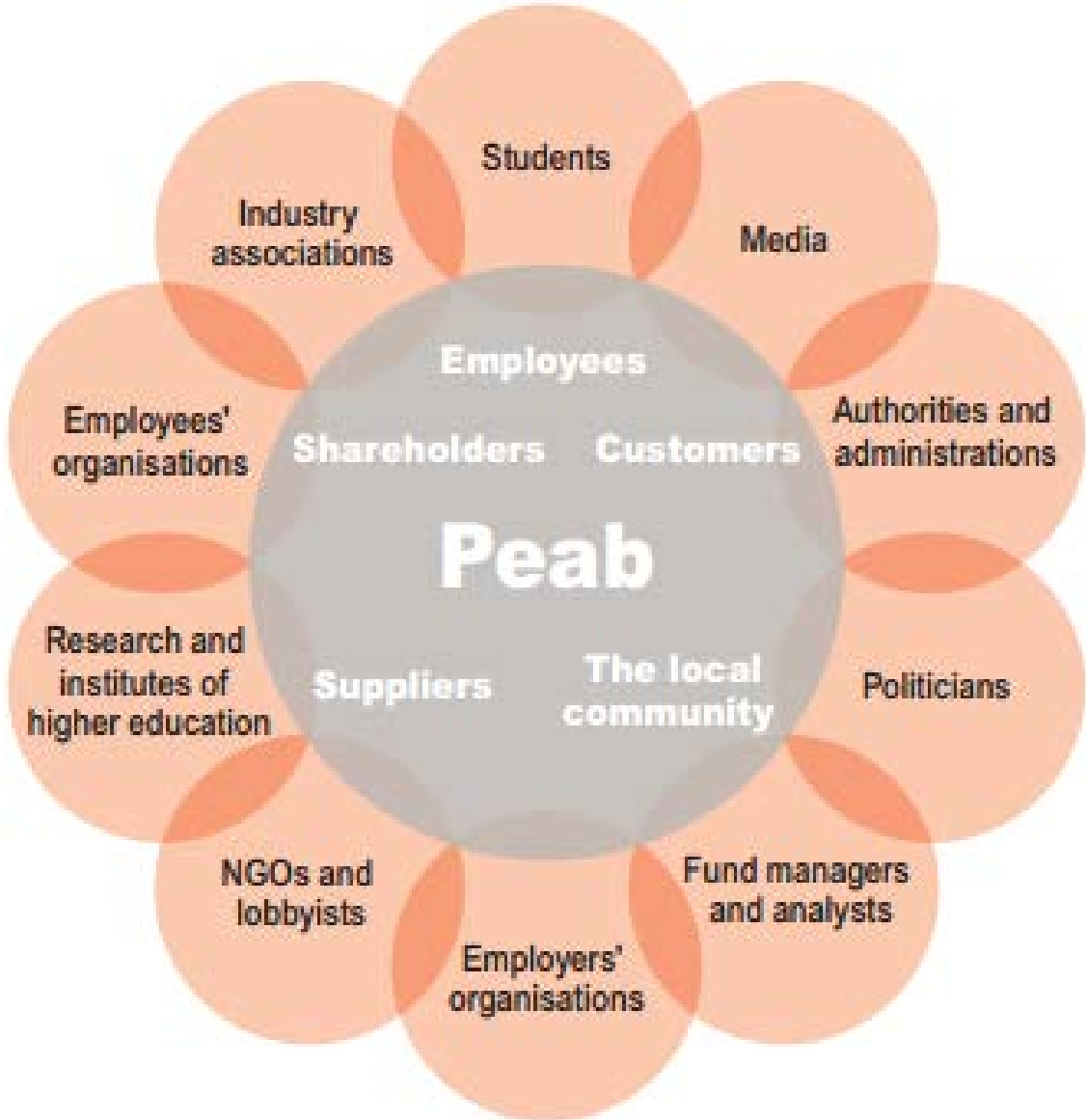


Exercise

Stakeholders (Groups & Subgroups)	Risk/ Opportunity (1-5)	Impact (1-5)	Probability (Risk*Impact) (1-25)	Priority

- Time & Resources required for stakeholder engagement
- Manage expectations of stakeholders and company
- Lack of transparency
- Current Corporate Culture
- Some stakeholders may be under/over estimated
- Parties not seeing the importance of the engagement
- Effective facilitation may need external help
- Need for senior endorsement
- Identifying the starting point
- Fear of Change
- Who is the driver –the company or the stakeholder?

Stakeholders



Key learning points

MODULE 3

ENVIRONMENTAL INITIATIVES

Which suit my company best?

Key Questions

What are the key topics that impact us more?

What are the key topics that we need to focus on?

How can I identify these topics?

Climate Change

1. Emissions
2. Biodiversity & forestry
3. Electricity
4. Materials and raw materials
5. Waste
6. Product & Operational Efficiency
7. Packaging
8. Transportation
9. Water management
10. Supply Chain emissions
11. Local identity/context
12. Disaster recovery

**They are all important!
But where should my
company focus???**

Break into 5 teams

Each group represents one sector/company

Group 1: Construction company

Group 2: Hotel

Group 3: Facilities Management company

Group 4: Cloths& Accessories Import company

Or Group 5: your company

Early approach

- 1) Consider the topics in the previous slide
- 2) Which are the 5 most important for your business to tackle

Priority	Topic
1	
2	
3	
4	
5	

Proven approach



Lets ask some questions

1. Is it already mentioned as important by stakeholders?
2. Does this constitute a future challenge/ opportunity for your sector?
3. Is this connected to laws, regulations, or international agreement?
4. Does it have significant financial risks/implications for your organization?
5. Is this recognized by scientists/experts as a risk to climate change?
6. Does your organization have knowledge/competencies to innovate on this issue?

Key questions

Topic	Q1 Important for stakeholders?	Q2 Future challenge/opportunity for your sector?	Q3 Connected to laws, regulations, international agreements?	Q4 Financial risks/implications for your organization?	Q5 Recognized by experts as a risk to sustainability?	Q6 Have knowledge/competencies to innovate on this issue?	Total
1							
2							
3							
4							
5							

Scale: 0-3, Maximum Total Score: 18, Minimum Total Score: 0

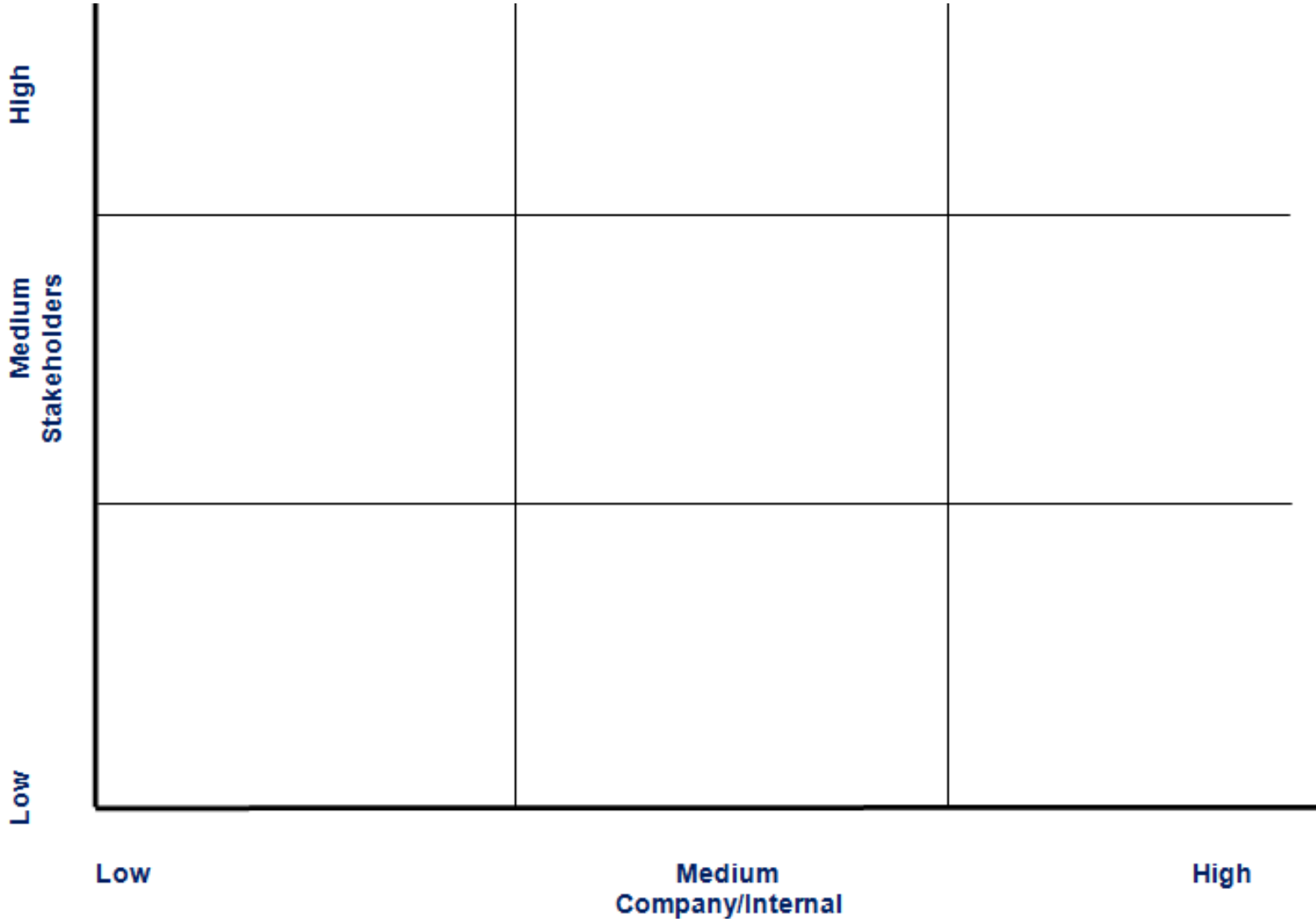
What do stakeholders think?

How important is this topic for stakeholders?

Topic	Stakeholder 1	Stakeholder 2	Stakeholder 3	Stakeholder 4	Stakeholder 5	Stakeholder 6	TOTAL SCORE
1							
2							
3							
4							
5							

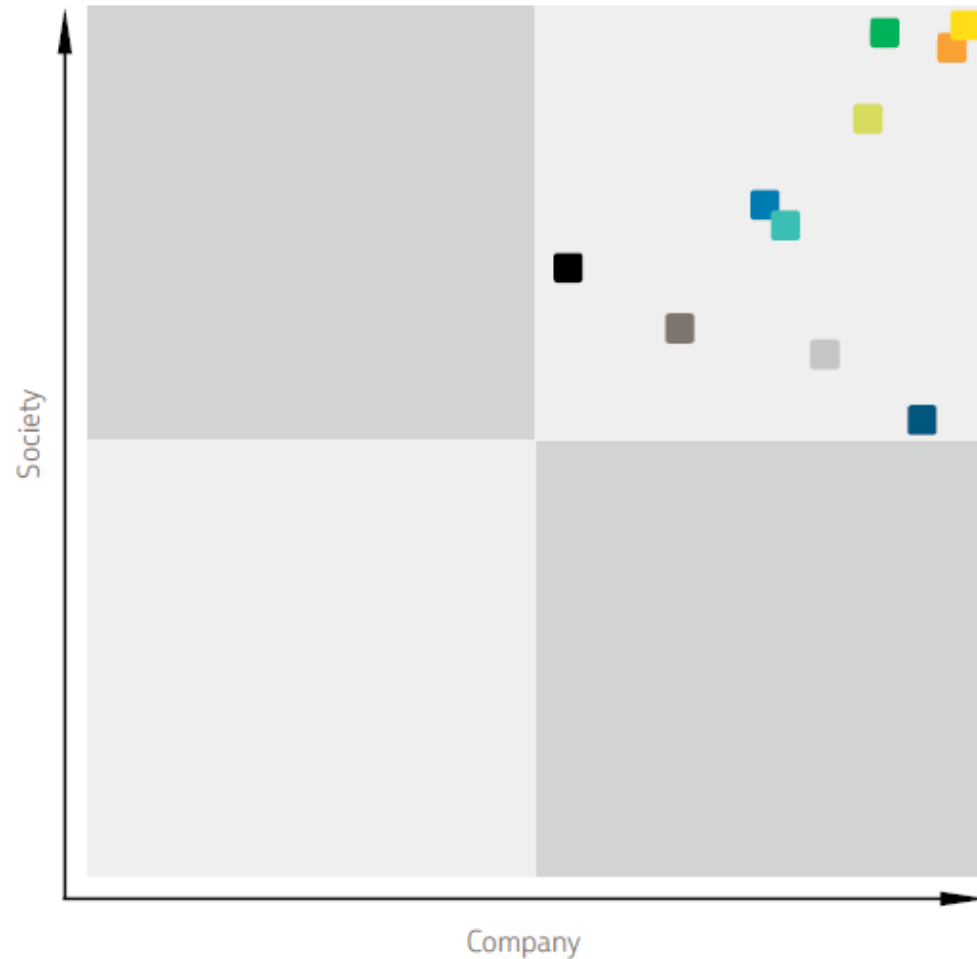
Scale: 0-3, Maximum Total Score: 18, Minimum Total Score: 0

Plot



Materiality Matrix-Petrobras

- Prevention of accidents and spills/leaks, emergency plans and impact mitigation
- Climate change and greenhouse gas emissions
- Risk management
- Research and development
- Dialogue and engagement with communities
- Occupational health and safety
- Pre-salt layer basins – management, policy and feasibility
- Transparent communication with stakeholders
- Anti-corruption mechanisms
- Diversification of energy sources

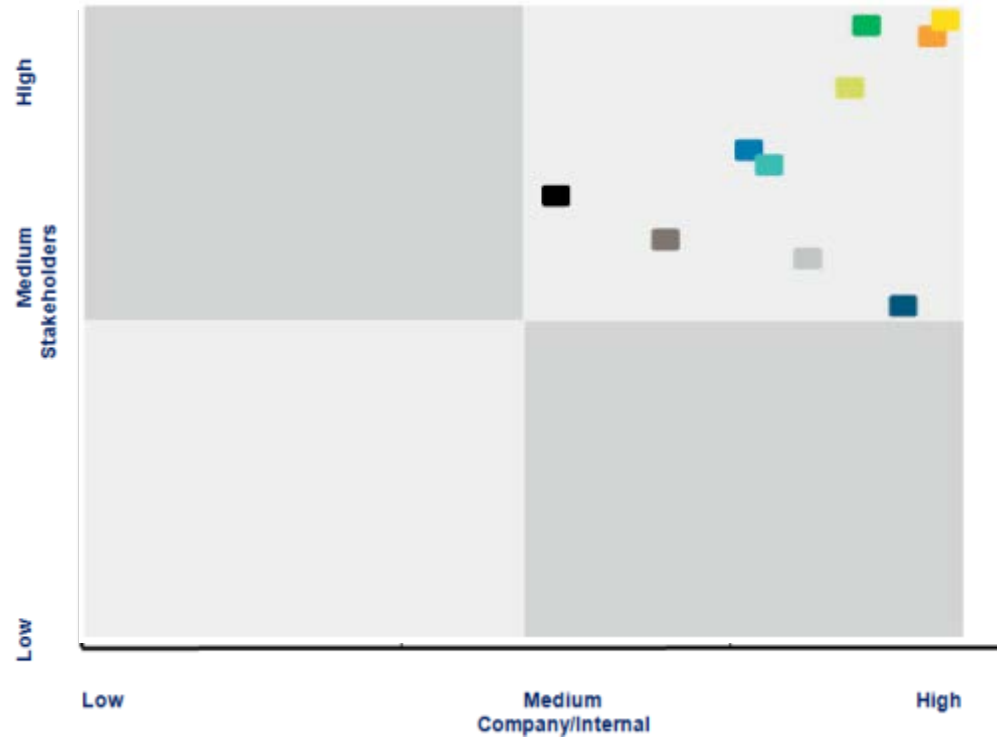


Compare!

Method A

Priority	Topic
1	
2	
3	
4	
5	

Method B



Examples

Bring in a Tumbler 365 Days a Year, Save 10¢ a Day and 365 Paper Cups

**BRING IN A TUMBLER.
SAVE 10¢ AND ANOTHER PAPER CUP
EVERY TIME.**



 **STARBUCKS™
SHARED PLANET™**
You and Starbucks. It's bigger than coffee.

0:45 / 0:45

YouTube

Key learning points

MODULE 4

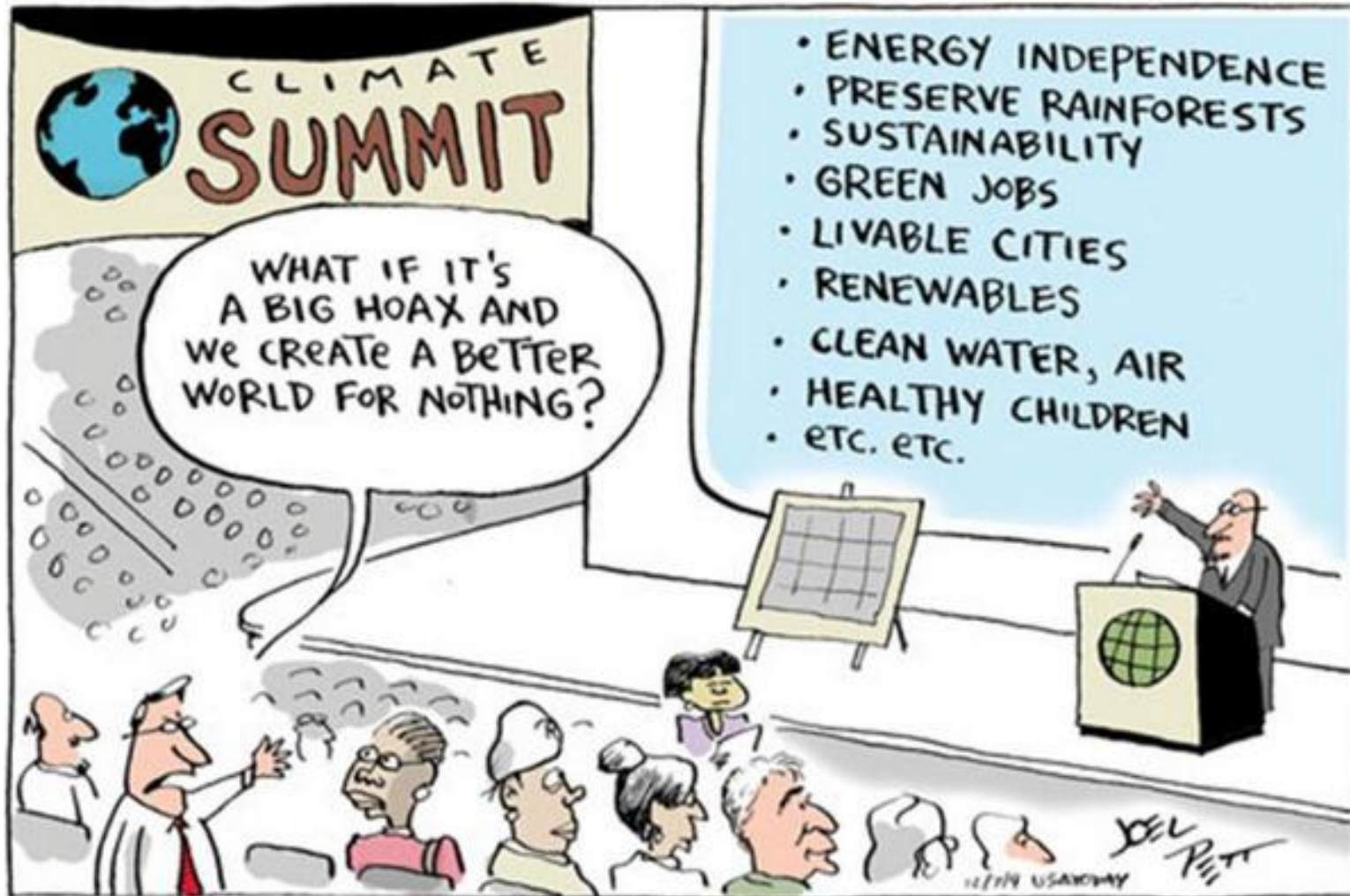
GREENHOUSE GAS EMISSIONS

Understanding & calculating your footprint

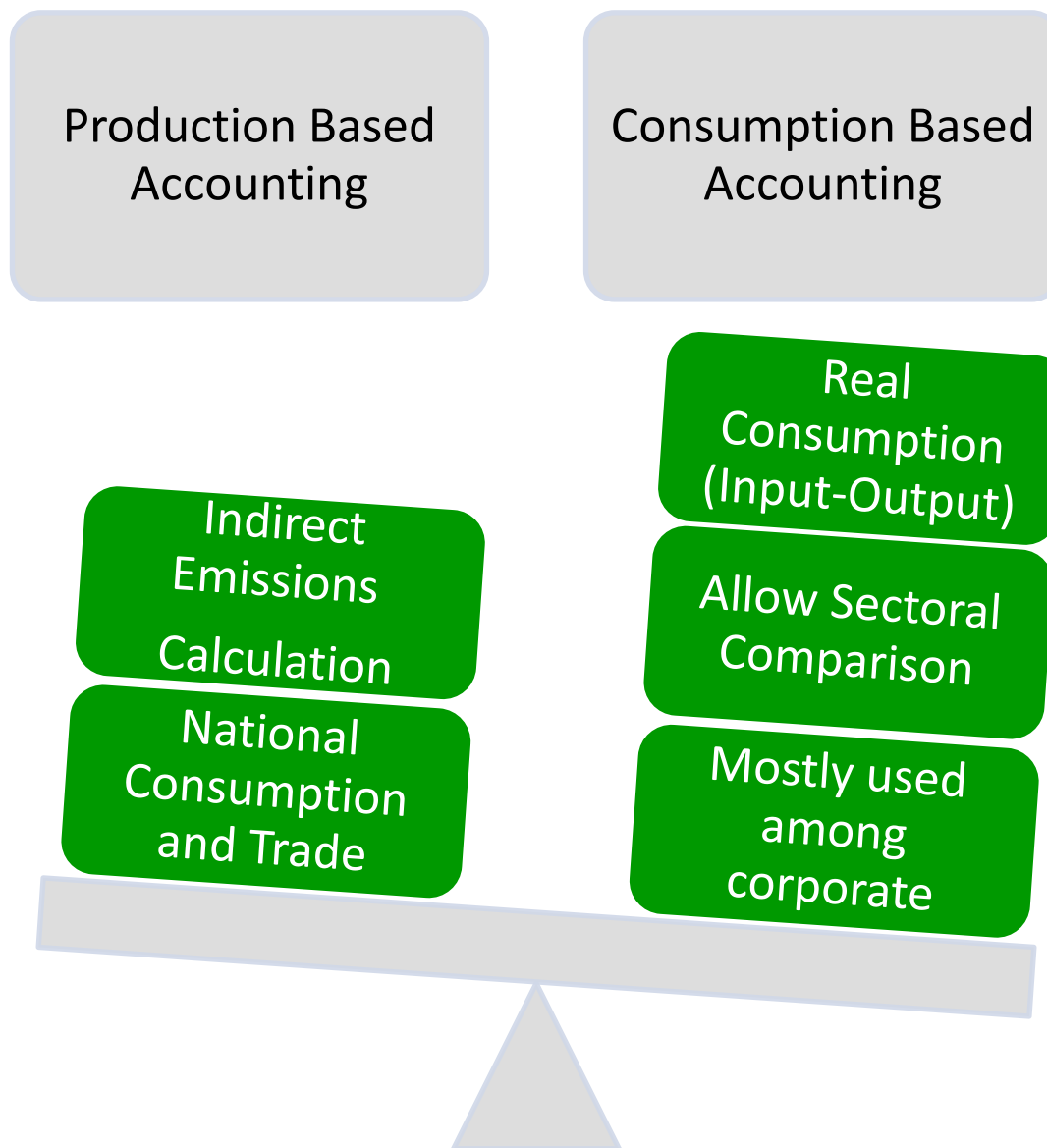
Key Questions

What is the Greenhouse Gas protocol
How can we identify Scope 1,2,3 emissions

A Big Hoax?

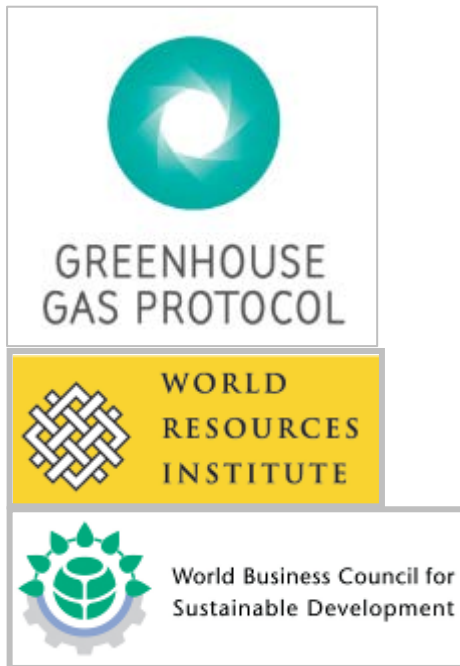


The Greenhouse Gases (GHG)



Greenhouse Gas (GHG) Protocol Corporate Standard

The Greenhouse Gas Protocol (GHG Protocol) is the most widely used international accounting tool for government and business leaders to **understand, quantify, and manage greenhouse gas emissions.**



- Facilitates the preparation of emission inventories through standardised **approaches** and **principles**.
- **Simplifies** and **reduces the cost** of inventories
- Provides **information** to businesses for the development of a climate change **strategy**.
- Promotes inventory **consistency** and **transparency**

In 2006 it was adopted by ISO 14064-1

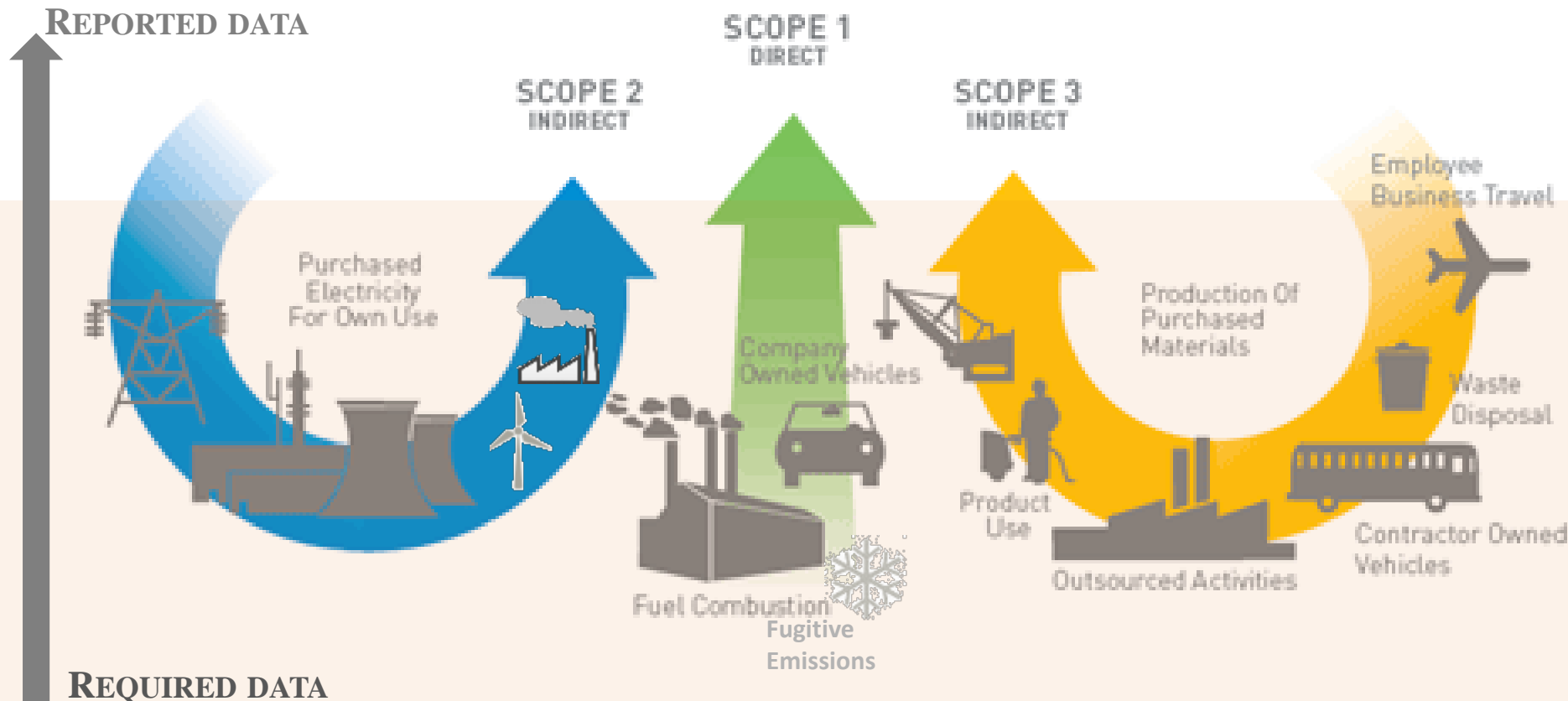
The Greenhouse Gas Protocol Corporate Standard is Recommended by



World Business Council for Sustainable Development



The Greenhouse Gas Protocol Corporate Standard - Components



Required Data – Scope 1

The required are always available in any company that has an accountant!

- *Data on power production from owned generators*
- *Data on land transportation using fleet vehicles*
- *Data on diesel consumption in boilers*
- *Data on gas consumption*
- *Data on refrigerant gases*
- *Data on anesthesia gases (case of medical facilities)*
- *Data on gases used for printing labels*

GHG
Protocol



Mandatory!

Required Data – Scope 2

The required are always available in any company that has an accountant!

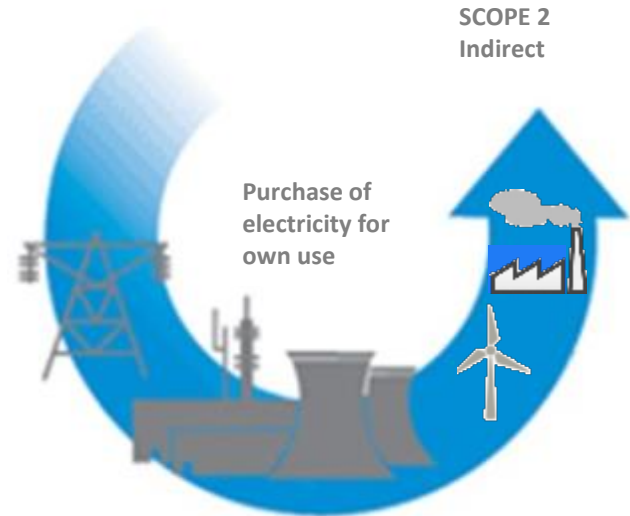
- Data on electricity purchased from local utilities (EDL)
- Data on electricity purchased from “shared generator” (Ishtirak)
- Data on electricity purchased from RE

GHG Protocol

Mandatory!

رقم الحساب		رقم الحساب		رقم الحساب	
10000	240	3160	36000	32600	3160
10000	240	3160	36000	32600	3160

رقم الحساب	الوصف	الكمية	القيمة	القيمة
42.541		43.545		
13.847		12.644		
87.030		87.010		
44.313		0		
3.146		3.146		



Required Data – Scope 3

The required are always available in any company that has an accountant!

- *Data on flight trips*
- *Data on paper consumption*
- *Data on employees' commuting to work*
- *Data on fleet rented for work reasons*
- *Courier services...*

GHG Protocol

SCOPE 3
INDIRECT

Facultative!



Exercise: Measure carbon footprint

1) Identify the Scope 1, Scope 2 and Scope 3 emissions for the companies of the following sectors :

Group 1: Construction company

Group 2: Hotel

Group 3: Facilities Management company

Group 4: Banking sector

Group 5: Cloths& Accessories Import company

2) Use the calculator to measure the company footprint

Exercise 2

Company A	Employees Cars		Fleet Vehicles		Flight trips
	Driven Km	Type of Car	Driven Km	Type of Car	Km x Passengers x Seat Class
Construction Company	450,000	Passenger - 2010 - Gasoline	180,000 120,000	Passenger - 2014 - Gasoline Heavy Duty Vehicle – Rigid - 2010 - Diesel	2,144 km x 2 passengers x Business
Hotel	-		60,000		1,390 km x 4 passengers x Economy
FM	150,000	Passenger - 2010 - Gasoline	750,000	Light Good Vehicles – 2013 - Diesel	237 x 14 passengers x Economy
Cloths& Accessories Import	70,000	Passenger - 2012 - Gasoline	100,000	Passenger - 2010 - Gasoline	3,193 x 16 x Economy

Company A	Area (m²)	Employees	EDL (kWh)	Diesel (L)	Refrigerants	Paper	Shared Generator (380V)	
					kg of R22	Packs of A4	A	H
Construction	750	40	90,000	67,000	15	360	25	2,190
Hotel	1,250	60	345,000	60,000	38	120	0	-
FM	550	15	20,000	10,000	15	360	50	3,468
Cloths&Acc Import	850	25	40,000	150	0	50	30	1460

The Carbon Footprint of 5 companies

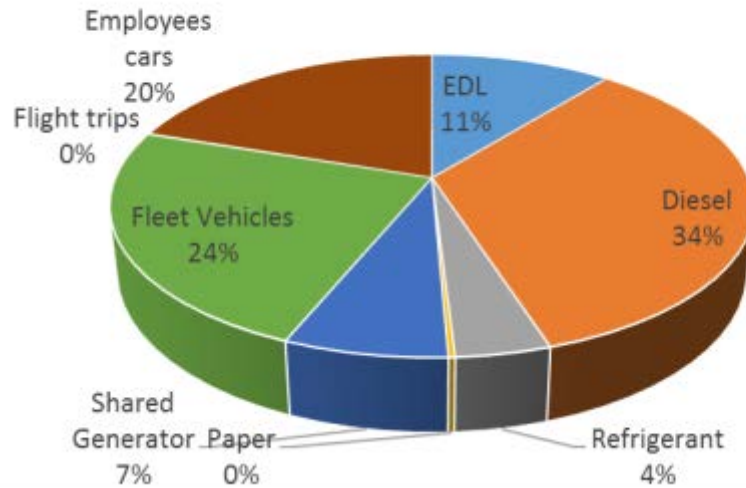


	EDL	Diesel	Refrigerant	Paper	Shared Generator	Fleet Vehicles	Flight trips	Employees cars	Total
Construction Company	58.5	184.5	21.8	1.5	37.4	128.6	0.6	106.9	539.6
Hotel	224.3	165.2	57.0	0.5	0.0	14.2	0.5	0.0	461.6
FM	13.0	27.5	22.5	1.5	118.5	58,288.2	0.6	35.6	58,507.4
Cloths& Acc. Import	19.5	0.4	0.0	0.2	20.0	23.7	70.8	16.6	151.3

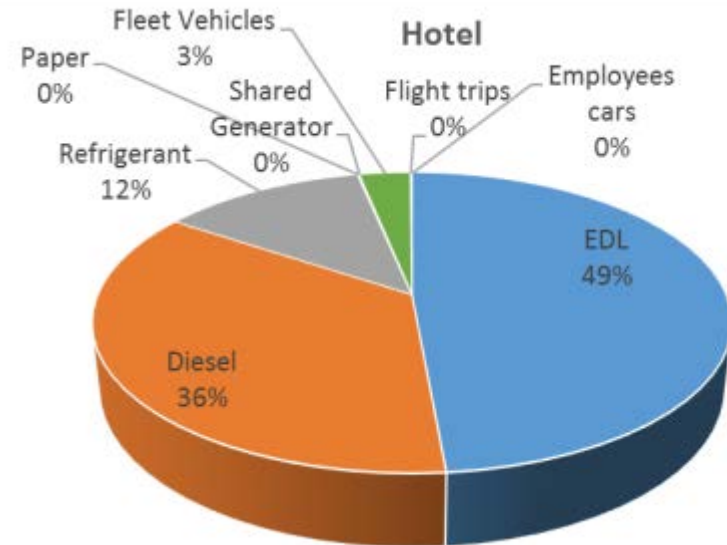
	Total (tCO2e)	Area (m2)	Employee	tCO2e/m2	tCO2e/Emp
Construction Company	539.6	750.0	40.0	0.7	13.5
Hotel	461.6	1,250.0	60.0	0.4	7.7
FM	58,507.4	550.0	15.0	106.4	3,900.5
Cloths& Acc. Import	151.3	850.0	25.0	0.2	6.1

The Carbon Footprint of 5 companies

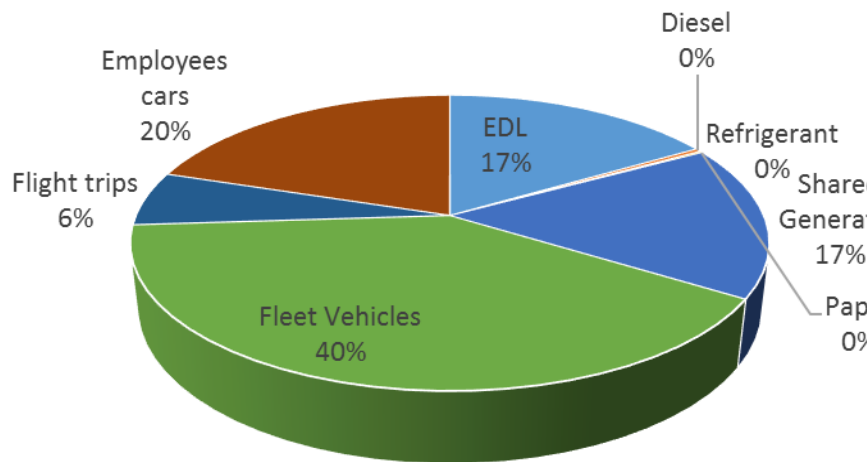
Construction Company



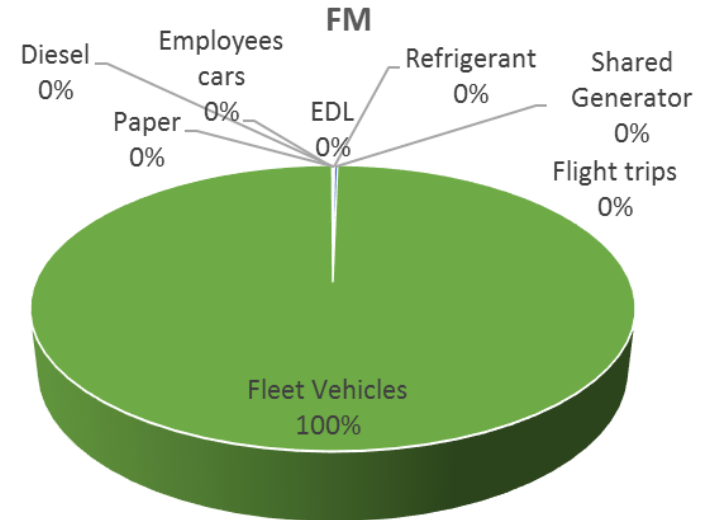
Hotel



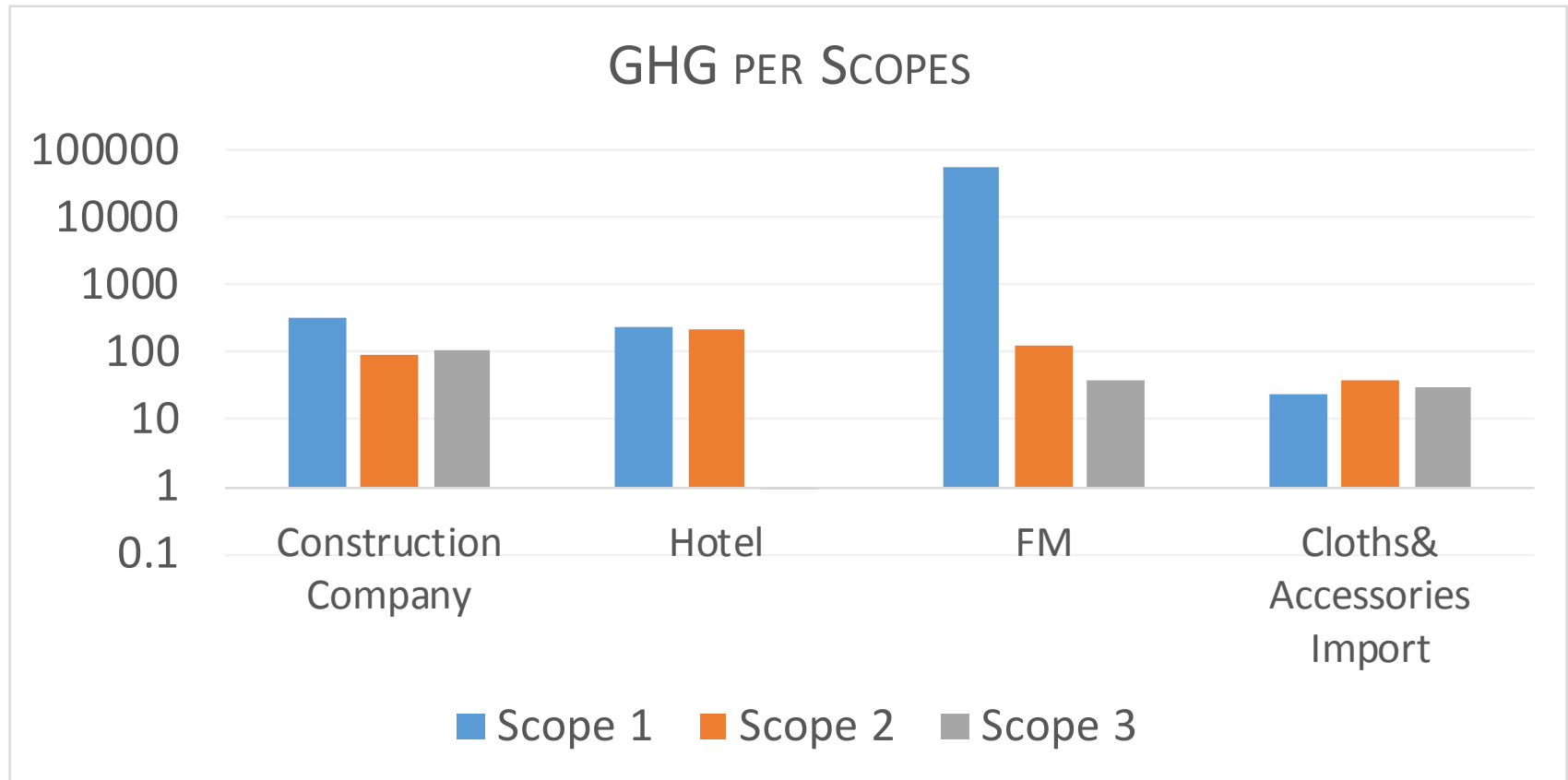
Cloth & Acc. Import



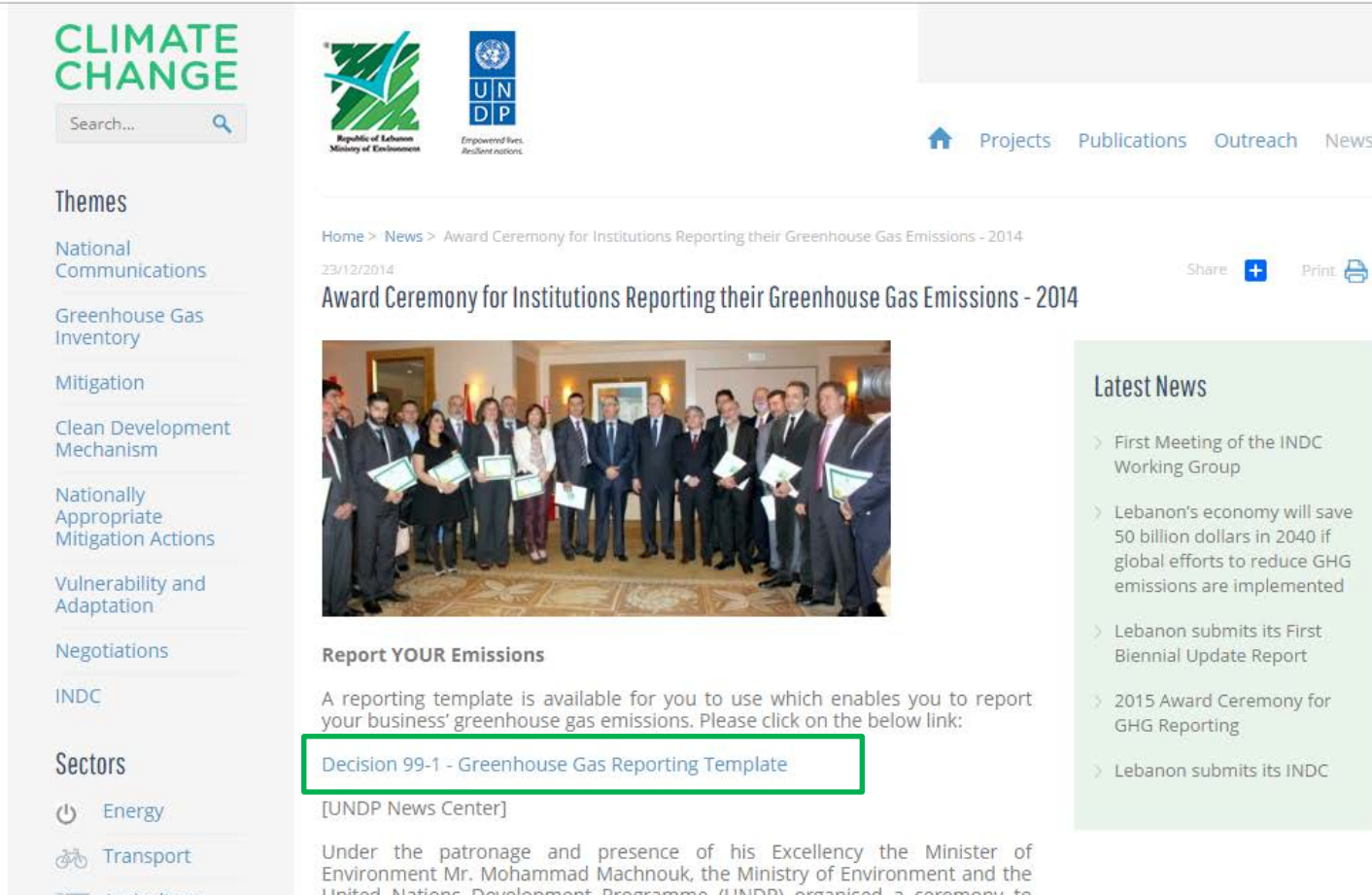
FM



The Carbon Footprint of 5 companies

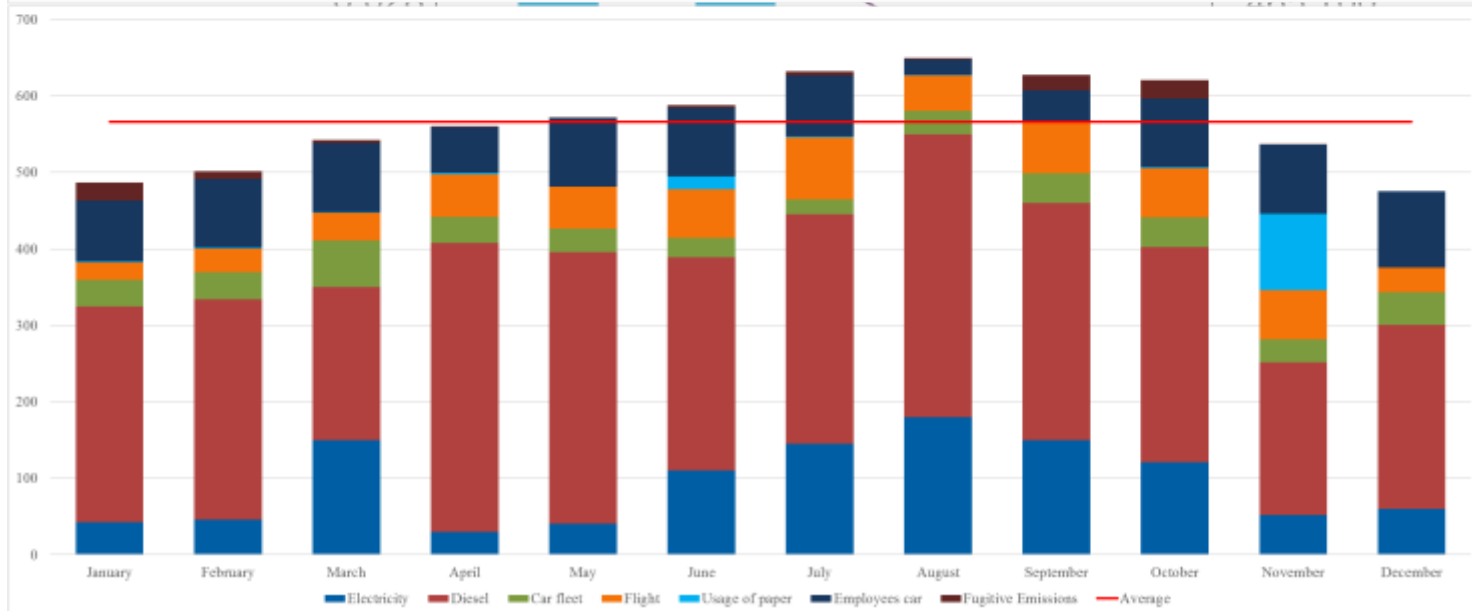
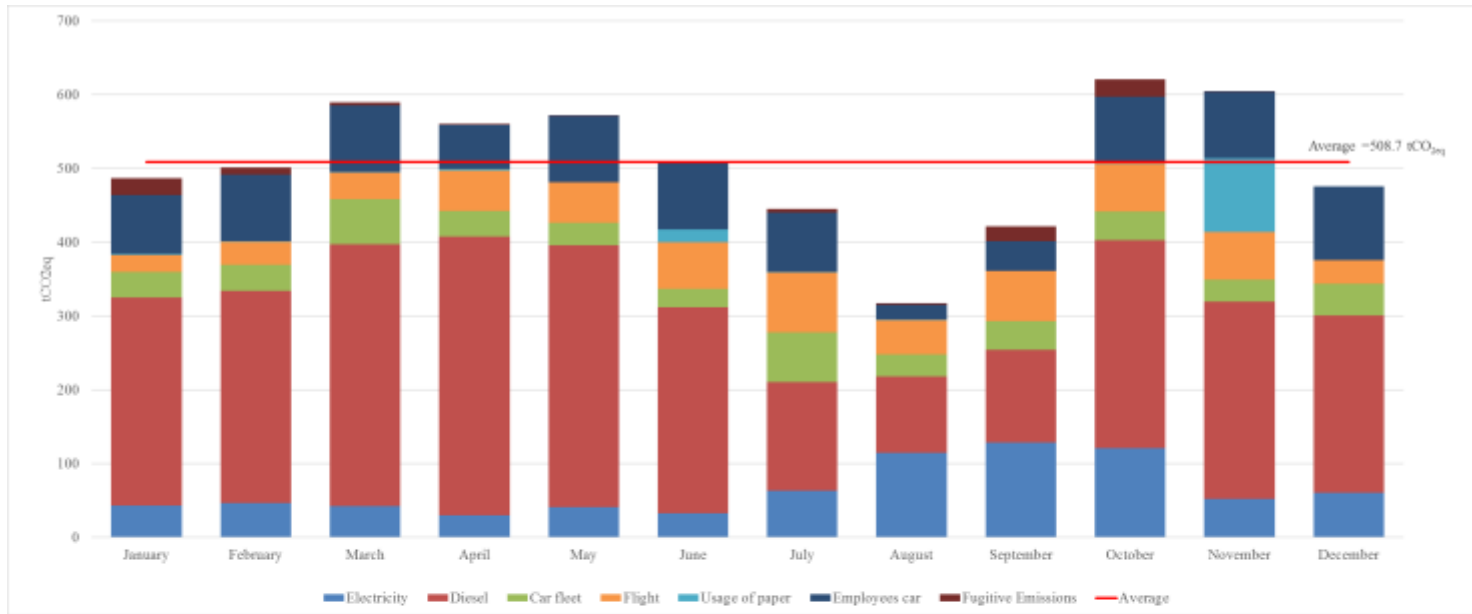


The Carbon Footprint of 5 companies



The screenshot shows the website interface for Lebanon's Climate Change efforts. On the left is a navigation sidebar with sections for Themes (National Communications, Greenhouse Gas Inventory, Mitigation, Clean Development Mechanism, Nationally Appropriate Mitigation Actions, Vulnerability and Adaptation, Negotiations, INDC) and Sectors (Energy, Transport). The main content area features the logos of the Ministry of Environment and UNDP, a search bar, and a navigation menu (Home, Projects, Publications, Outreach, News). A news article titled "Award Ceremony for Institutions Reporting their Greenhouse Gas Emissions - 2014" is displayed, dated 23/12/2014. The article includes a photo of an award ceremony and a link to a "Decision 99-1 - Greenhouse Gas Reporting Template" which is highlighted with a green box. A "Latest News" sidebar on the right lists several updates, including the first meeting of the INDC Working Group and Lebanon's 2015 award ceremony.

Monthly GHG Audit



- *Link the GHG to the real costs of the company*
- *Monthly Variation to check your process*
- *Modify the process*
- *Energy, paper audits*
- *Implementations: Local Loans (NEEREA...)*
- *Rely on more RE*

National Energy Efficiency and Renewable Energy Action" (NEEREA) is a national financing mechanism initiated by the Central Bank of Lebanon (Banque du Liban-BDL) dedicated to the financing of green energy projects in Lebanon. It offers loans for energy efficiency, renewable energy and green buildings projects with interest rates as low as 0% and repayment period as long as 14 years. The NEEREA initiative receives the technical support of the LCEC by virtue of the memorandum of understanding signed between the Central Bank of Lebanon and the United Nations Development Programme (UNDP).



PLANET 21,

With PLANET 21, Accor has made 21 commitments in favour of sustainable development. Health, nature, carbon, innovation, local development, employment and dialogue: 21 commitments for the well-being of our world. In all our hotels, we work with employees, guests and partners to reinvent hotels – sustainably. Care for the planet? Please step in.

- Health
- Nature
- Carbon
- Innovation
- Local
- Employment
- Dialogue

SEE WHAT ACCOR HOTELS HAVE ACHIEVED

HEALTH

- 97% of hotels use eco-labeled products.
- 97% of hotels promote balanced dishes.
- 74% of hotels organize disease prevention training for employees.

NATURE

- 5.8% reduction in water use between 2011 and 2014 (owned/leased and managed hotels).
- 88% of hotels recycle their waste.
- 46% of hotels participate in the Planet for the Planet reforestation project.

CARBON

- Energy use increased by -4.5% between 2011 and 2014 (owned/leased and managed hotels).
- 9% of hotels use renewable energy.

INNOVATION

- 40% of hotels have at least three eco-designed room components.

LOCAL

- 48% of hotels have committed to protecting children.
- 87% of hotels purchase and promote locally sourced products.
- 93% of hotels ban endangered seafood species from restaurant menus.

EMPLOYMENT

- 69% of hotel managers are promoted from internal mobility (owned/leased and managed hotels).

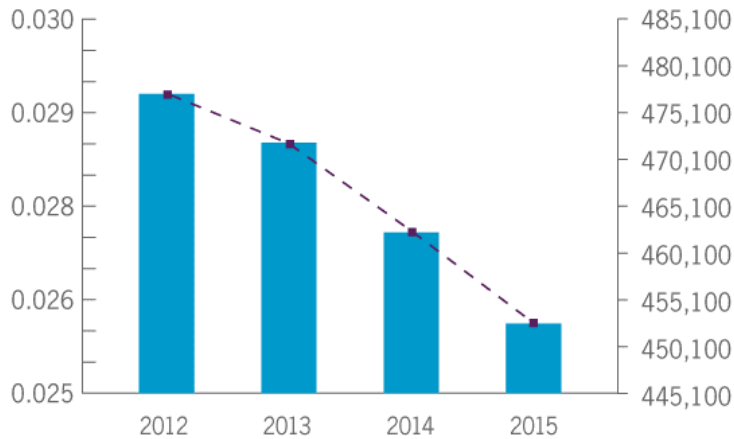
PLANET 21 IS

7 PILLARS **21** COMMITMENTS **IN 92** COUNTRIES



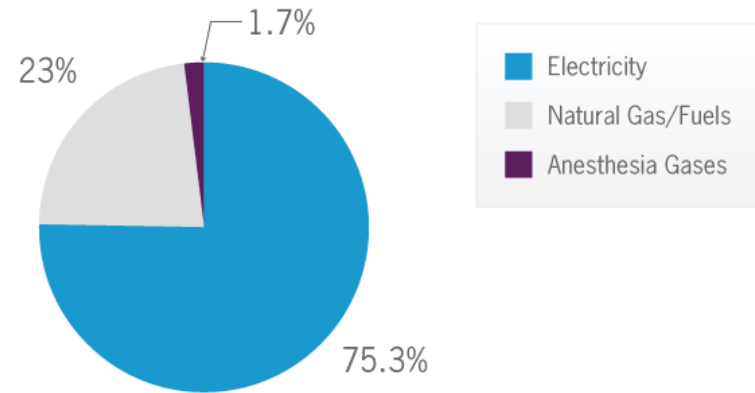
0:00 / 2:40

Scope 1 & 2 CO₂ Emissions Improvement from 2012 Baseline



■ Total GHG Emissions (Metric Tons CO₂e)
 - - Total GHG / (ft²)

2015 Scope 1 & 2 Carbon Footprint



Carbon Footprint Reduction

Cleveland Clinic reduced its scope 1 & 2 carbon footprint **4.5% from 2014 and 8.4% from 2012!**

<http://portals.clevelandclinic.org/ungc2016/Environment/ClimateResilience/tabid/9669/Default.aspx#294351511-carbon-mitigation>



Taking steps to reduce our carbon footprint

Did you know that each person in the UK has, on average, an estimated 11 tons of carbon emissions associated with their lifestyle?

By working with the Carbon Trust, Walkers are helping to reduce our, and your, carbon footprint.

Carbon footprints

Exactly what is a carbon footprint?



Calculating our emissions

Working out the carbon footprint of a packet of Walkers Crisps.



Working together

Walkers' partnership with the Carbon Trust.



BARILLA GROUP: THE ONLY WAY OF DOING BUSINESS



BUONO PER TE
GOOD FOR YOU

MIGLIORARE LA VITA DELLE PERSONE

Entro il 2020 Barilla migliorerà la vita delle persone promuovendo scelte di consumo in linea con la piramide alimentare.

IMPROVING PEOPLE'S LIVES

By 2020 Barilla will improve people's lives by promoting consumer choices in line with the food pyramid.

REFORMULATED PRODUCTS TO IMPROVE THEIR NUTRITIONAL PROFILE



2014 SALT REDUCTION:

IN 25,000 TONS OF PRODUCT

2014 FAT REDUCTION:

IN 13,000 TONS OF PRODUCT



BUONO PER IL PIANETA
GOOD FOR THE PLANET

RIDURRE L'IMPATTO SUL PIANETA

Entro il 2020 Barilla offrirà alle persone solo prodotti alla base della piramide ambientale.

REDUCING THE IMPACT ON THE PLANET

By 2020 Barilla will offer people only products at the bottom of the environmental pyramid.

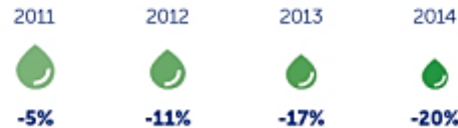
CO₂ EMISSIONS

(per ton of finished product compared to 2010)



WATER CONSUMPTION

(per ton of finished product compared to 2010)



SUSTAINABLE CULTIVATION PROJECTS DEFINED FOR 100% STRATEGIC SUPPLY CHAINS



BUONO PER LE COMUNITA'
GOOD FOR THE COMMUNITIES

PROMUOVERE L'INCLUSIONE DI TUTTI

Entro il 2020 Barilla promuoverà l'inclusione delle persone attraverso programmi di accesso al cibo, progetti educativi e valorizzazione delle diversità.

ENCOURAGING THE INCLUSION OF ALL

By 2020 Barilla will promote the inclusion of people through programs for access to food, educational projects and the promotion of diversity.

IN 2014 ALMOST 2 MILLION PEOPLE SUPPORTED:

> INCLUSION OF PEOPLE THROUGH FOOD AND SUPPORT IN EMERGENCIES

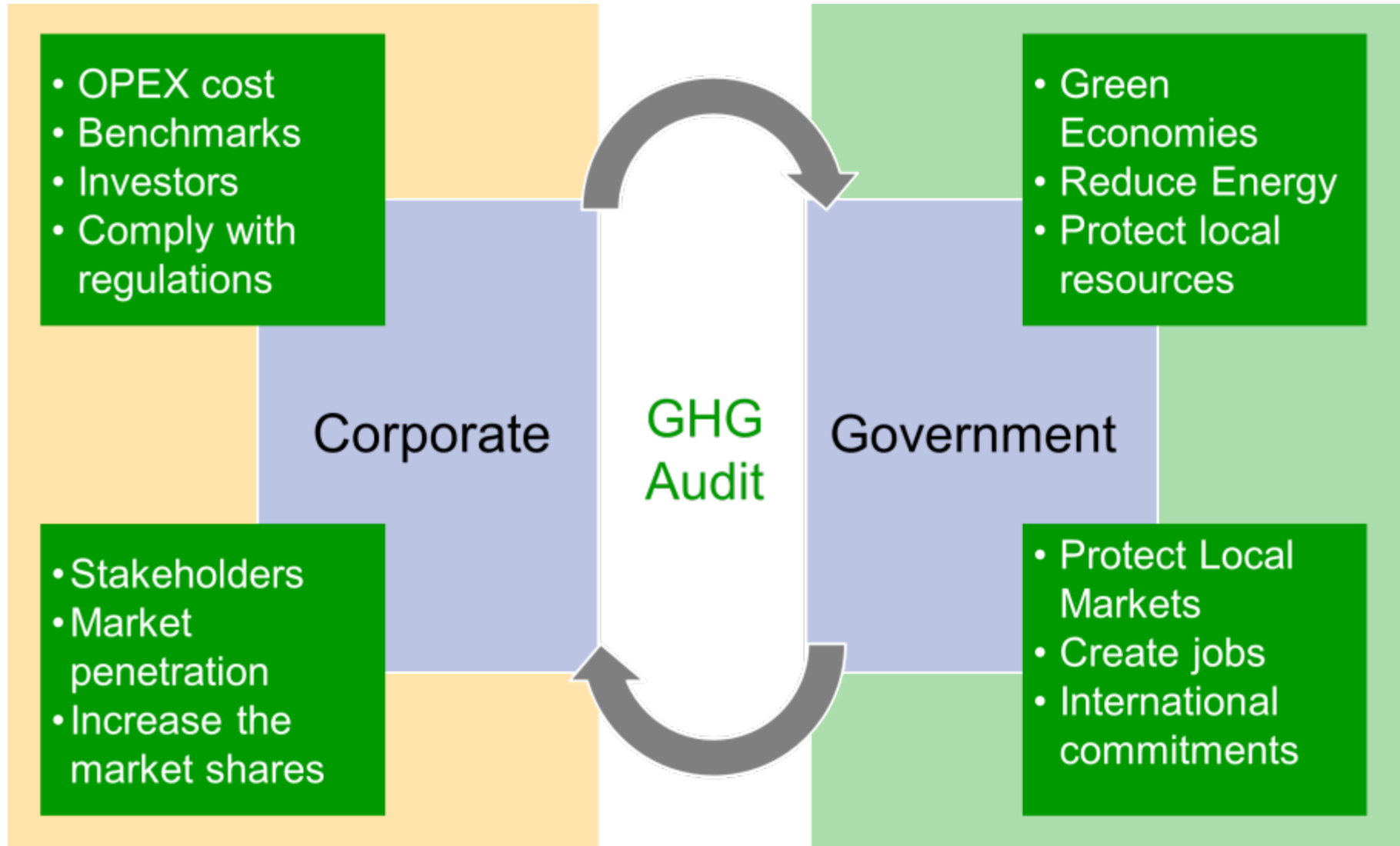
> EDUCATION



SHARE THE TABLE
HAS INVOLVED MORE THAN 5,200 YOUNGSTERS

SINCE ITS LAUNCH IN 2009, GIOCAMPUS
HAS INVOLVED MORE THAN 33,900 YOUNGSTERS

Importance of the GHG Audit



Key learning points

MODULE 5

CARBON FOOTPRINT STRATEGY

An action plan for the future

Key Questions

What are the key components of a Carbon footprint strategy?

What steps do I need to take internally?



THERE IS NO



"PLANET

B"

Carbon Footprint Strategy



New growth and job opportunities

- Better eco-design, waste prevention and reuse can bring net savings for EU businesses of up to EUR 600 billion
- Reduction of total annual greenhouse gas emissions
- Increased resource productivity by 30% by 2030 could boost GDP by nearly 1%, while creating 2 million additional jobs



Good Performance Measures:

- Provide a way to see if our strategy is working
- Focus on what matters most to success
- Allow measurement of accomplishments, not just of tasks
- Provide a common language for communication
- Are explicitly defined in terms of owner, unit of measure, collection frequency, data quality, expected value (targets), and thresholds
- Measure the right things
- Ensure data collection accuracy

Strategy Exercise

SELECTED ORGANISATION

Environment Objective:			
Area/Issue	Measures KPIs	Targets	Initiatives

Social Objective:			
Area/Issue	Measures KPIs	Targets	Initiatives

Corporate Governance and Strategy

Workplace Objective:			
Area/Issue	Measures KPIs	Targets	Initiatives

Marketplace Objective:			
Area/Issue	Measures KPIs	Targets	Initiatives

Pillar: Environment Company Strategic Objective:						
Climate Change Topic	Measures KPIs	Target	Initiative	Initiative Resources	Initiative Timeline	Initiative Goal

For each Initiative

Stages	Who is responsible for this stage?	Who will be involved in this stage (departments/functions, roles names)	Milestones / Deadline	Financial requirements	What is the objective of each step
Kick off meeting					
Identify stakeholders and consult with them					
Finalise initiative details: KPIs, timeline, etc & set SMART goals					
Start Initiative					
Monitor indicator/progress every X weeks					
Report progress					
Corrective activities (if required)					
Communicate results to stakeholders					
Overall Project responsible					

Kick off meeting agenda example

Meeting Agenda			
Date			
Time			
Location			
Meeting called by			
Timekeeper			
Secretary			
Attendees			
Please read/prepare before meeting:			
Agenda Items			
Topic	Presenter	Time Required	
Decisions			
Document each project decision reached. Indicate follow-up actions. Assign responsibility and a target date for completion.			
Decision Description	Action Required	Responsible	Target Date

The Key Skill: Communication!

“Sustainability is too big a job for any one person or any one organization to get done alone.”

– *Anonymous*

“It's all about change. It's the ability to encourage and influence the business to scale it up. Ultimately my job is to show people that we need to change, change is possible, and there is something that we need to get to.”

– *Bart Alexander, Molson Coors*

“You have to have the ability to create a vision for the future, and have the communication and intercultural skills to translate that into bits that people can chew on.”

– *Bart Alexander, Molson Coors*

Closing remarks



Empowered lives.
Resilient nations.



مصرف لبنان
BANQUE DU LIBAN

THE FEDERATION
OF CHAMBERS OF COMMERCE,
INDUSTRY & AGRICULTURE IN LEBANON



اتحاد
غرف التجارة والصناعة
والزراعة في لبنان



Co-funded by
the European Union

Thank You!

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