



*Empowered lives.  
Resilient nations.*



# Lebanese Climate Action in the context of the Paris Agreement

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Lebanon Climate Act was launched in July 2016

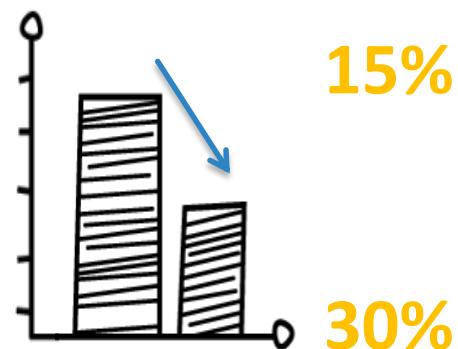
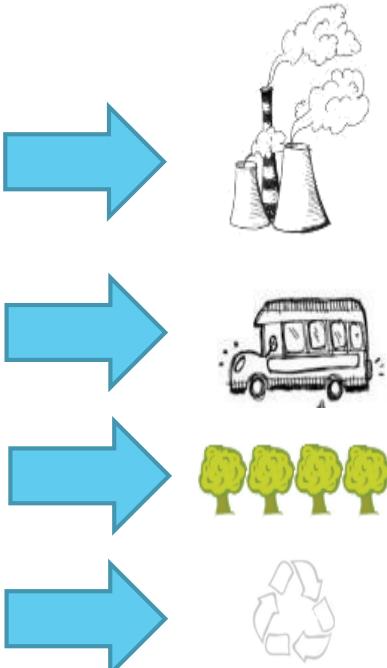
...to support the government of Lebanon to achieve its emission reduction target of **15%** that has been **committed in 2015** at the **COP21** in Paris.



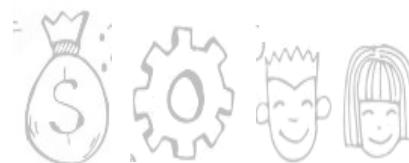
## Lebanon's Nationally Determined Contribution

2030

Cut CO<sub>2</sub> emissions



Unconditional target



Conditional to finance,  
technical support and capacity  
building

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## Climate Actions directly linked to many SDGs



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## Why join the Act?

- ▶ Reduce carbon footprint and reduce costs
- ▶ Decrease risk from impacts of climate change
- ▶ Create opportunities for new products and services
- ▶ Stay updated on innovative climate solutions and technologies
- ▶ Facilitate generation of science-policy interactions
- ▶ Share best practices, experiences and expertise
- ▶ Promote multi-level and integrated governance and create partnerships
- ▶ Enhanced visibility and social responsibility
- ▶ Access to support

# Business Knowledge Platform

	<b>Sessions</b>	<b>Objective</b>
OCTOBER 2016	<p><b>Know where you stand</b></p>  <p>What is climate change? How climate change can be a strategic business opportunity? How to incorporate climate action into your business agenda? How to assess your carbon footprint ?</p>	To help companies determine their level of engagement according to their priorities current activities, and available resources.
FEBRUARY 2017	<p><b>Be Inspired</b></p>  <p>What are the possible activities? Who are your potential partners ? How to involve your staff and your community? Where does the money make the highest impact?</p>	To present companies to Lebanese NGOs and other partners and generate ideas on the types of activities that can be implemented.
MAY 2017	<p><b>Prepare your action</b></p>  <p>How to develop your climate action plan? How can climate action respond to the needs of governments, communities and investors? How to monitor and measure your impact?</p>	To help companies put their ideas on paper and plan effective and realistic activities within their organization and/or with external partners.
JULY 2017	<p><b>Share your experience</b></p>  <p>What have you achieved so far? How to communicate your climate action and inspire others? What are the main challenges? What are future prospects?</p>	To provide an opportunity to Lebanon Climate Act Members to share the experience and expose their achievements .



**LEBANON CLIMATE ACT**

# HOW TO CREATE VALUE FROM CLIMATE CHANGE

A GUIDE FOR YOUR COMPANY IN LEBANON

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projects

# Develop your Climate Change Strategy



## STEP 1: IDENTIFY YOUR CHAMPIONS

*Objectives:* Identify the right people to drive climate change internally



## STEP 3: DEVELOP A VISION AND POLICY

*Objectives:* Develop a guiding climate change vision and policy for your company



## STEP 5: MEASURE YOUR CARBON FOOTPRINT

*Objectives:* Measure the carbon footprint of your company and identify how your company contributes to climate change



## STEP 7: EVALUATE AND IMPROVE

*Objectives:* Improve your performance and maximise the benefits from your climate change actions.



## STEP 2: IDENTIFY YOUR STAKEHOLDERS

*Objectives:* Identify the stakeholders who are critical to the success of your climate change strategy and actions



## STEP 4: DETERMINE THE IMPACT OF CLIMATE CHANGE ON YOUR COMPANY

*Objectives:* Determine how climate change can affect your business operations?



## STEP 6: DEFINE YOUR STRATEGY AND CLIMATE ACTION PLAN

*Objectives:* Develop an appropriate strategy and plan for your company and select the best actions to implement



## STEP 8: COMMUNICATE AND CELEBRATE

*Objectives:* Identify the best ways to communicate climate change internally and externally to achieve your goals

# What do we expect from member companies?

- ▶ Pledge their climate engagement

## Lebanon Climate Act

As representatives of Lebanon's major institutions and businesses, we echo the concerns of the leaders of world who adopted the Paris Agreement on climate change in realizing that dangerous climate change threatens our ability and the ability of future generations to live and thrive in a peaceful and prosperous world.

We also realize that delaying action on climate change will be costly in economic and human terms, while accelerating the transition to a low-carbon and climate resilient economy will not only reduce the risks of climate change but also deliver better growth and sustainable development.

As a result, we the undersigned, affirm our strong engagement to a safe and stable climate and take our share of responsibility in the global and national fight on climate change.

We are engaged to reduce our environmental and carbon footprint and to strengthen not only our companies' but also societal and economical resilience. We will act as ambassadors for climate action, focusing on solutions and economic opportunities and we are ready to take action though work with our partners, clients and stakeholders to help deliver practical climate solutions.

## What do we expect from member companies?

- ▶ Pledge their climate engagement
- ▶ Calculate and report their carbon footprint



# What do we expect from member companies?

- ▶ Pledge their climate engagement
- ▶ Calculate and report their carbon footprint
- ▶ Prepare a climate action plan

Strategic Goal	Write your strategic goal:			
Resources needed				 Check Annex 1 for examples
People involved				
Policies linked				
Initiatives or actions needed				
Timeframe				

# Climate Action Plans

PILLAR: ENVIRONMENT COMPANY STRATEGIC OBJECTIVE:						
CLIMATE CHANGE TOPICS	MEASURES KPI'S	TARGET	INITIATIVE	INITIATIVE RESOURCES	INITIATIVE TIMELINE	INITIATIVE GOAL
<b>1-Paper reduction or waste management</b>	Kg paper consumed/year	Reduce paper consumption by 5% within 2017 (compared to 2015)	1) Inform people about the impacts of paper waste to the environment.	Procure recycled stationary & office equipment	Starting ASAP	70% of workforce to print double sided within the first 7 months
			2) Print double sided	Enhance existing recycle bins by adding attractive signage	Starting ASAP	Inform all departments
			3) Increase digital use for presentations as possible.	People in charge (Finance & Purchasing department)	Starting ASAP	Understand the current consumption and develop further reduction initiatives
<b>2-Electricity control</b>	KWA /year	Reduce electricity consumption by 5% within 2017 (compared to 2015)	1) Inform people about the impacts of saving energy to the environment.		Starting ASAP	40% of LED lamps to be added within the first 10 months
			2) Implement environmental friendly lamps.	Replacing harmful lamps by LED lighting fixtures.	Starting ASAP	Inform all departments
			3) Monitoring control.	Choosing and installing motion detector lighting.	Starting ASAP	Understand the current consumption and develop further reduction initiatives

# Climate Action Plans

Climate Change Topic	Target	Initiative	Budget	Initiative Timeline	Responsible Party
<b>Energy</b>	<u>LPG Conversion:</u> Increase the number of conversions up to 10 new businesses	Help several businesses and initiatives to shift from Diesel to LPG during their Production process	<u>Logistic cost:</u> Approxiamte 1000-2000\$ "For Communication and awareness materials"	<u>Due Date:</u> May-18	Marketing Department Sales Department Technical Department
<b>Energy</b>	Reduce internal energy consumption by 10%	Replacing incandescent lights with energy saving lights LED's in all offices. Awareness signs Replacing current A/Cs with Inverter A/Cs	<u>Cost:</u> 3800\$	<u>Due Date:</u> Oct-17	CC. Ambassador Maintenance Dept.
<b>Waste</b>	<u>Digital Signature:</u> Reduce CO2 emissions by 15% by Feb 2018	* Adopting digital signature/ encryption features * Shifting all payments process to online payments * Engage paperless environment * Recycling photocopier toner bottles and printer cartages * Implementing a waste separation system for recycling in all offices (paper, plastic, glass, batteries, etc,)	<u>Cost:</u> 7000\$	<u>Due Date:</u> Feb-18	CC. Ambassador IT. Department
<b>Transport</b>	<u>Routing efficiency</u> Reduce fuel bills by 15% per month	Optimizing the routing of distribution fleet and maintenance to reduce the use of fuels through GPS tracking and locating system	<u>Logistic cost:</u> 0\$ "Awarness" 200\$ per car for gps sensor indicator	<u>Due Date:</u> Jan-18	CC. Ambassador Marketing Department

## What do we expect from member companies?

- ▶ Pledge their climate engagement
- ▶ Calculate and report their carbon footprint
- ▶ Prepare a climate action plan
- ▶ Mainstream and communicate Climate change



Environmental Protection

## Emissions

"MY CARBON FOOTPRINT" MICROSITE

**USD 11300**

GREENHOUSE GASES (GHG) AUDIT

**USD 5600**

In partnership with a certified expert, we conducted a comprehensive audit of our carbon footprint by monitoring all our premises: branches, offices and warehouses. This process was launched in 2012, hereafter considered as base year, with a view to comply with the GRI guidelines on environmental impact.

As per our Greenhouse Gases (GHG) inventory based on the GHG-Protocol Corporate Standard, we have reported on the following seven GHG: carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). The GHG calculations were performed using well established tools and methodologies following the GHG Protocol developed by the World Resource Institute (WRI, 2006b, c) and using an internationally recognised tool allowing the standardisation of the

procedures and calculations, which is key in order to quantify and compare emissions accurately. The calculation of the emission factors and the global warming potential (GWP) rates used are based on GHG-Protocol which uses the IPCC emission factors provided in the IPCC guidelines of 2006, the IPCC Second Assessment Report (1995), and the local emission factor for electricity communicated by the Lebanese Ministry of the Environment. The total GHG emissions from Bank Audi Group Lebanon in 2016 were 19,976.2 tCO<sub>2</sub>e. It is important to note that this number has decreased when compared to 2012, the baseline year; all while acknowledging that the employment and the space occupied by our business has increased.

**Bank Audi**

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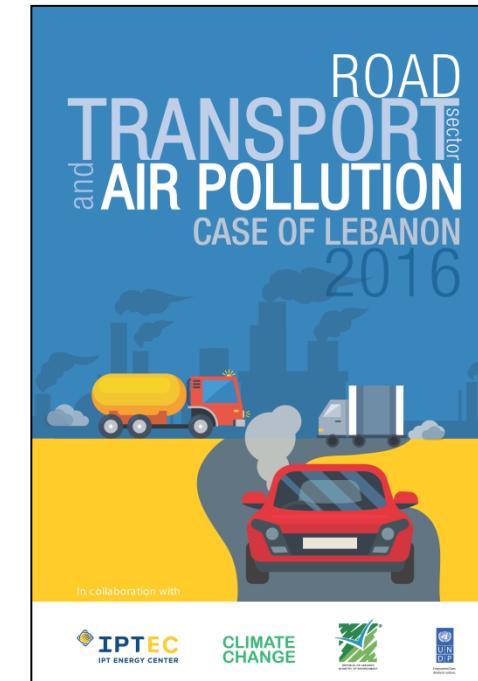
# Private sector engagement in climate change

## Carbon footprint in schools



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## IPTEC campaign on air pollution and transport



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# What do we expect from member companies?

- ▶ Pledge their climate engagement
- ▶ Calculate and report their carbon footprint
- ▶ Prepare a climate action plan- submit and report progress
- ▶ Mainstream and communicate Climate change
- ▶ Be a Climate Change Champion



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Until this date, about 140 organizations have registered in LCA, 120 of them are private sector companies.



# CLIMATE CHANGE

## projects



# LEBANON CLIMATE ACT

## Good practice

- ▶ Establish strategic partnerships
- ▶ Mobilize funding
- ▶ Find “propeller” institutions to scale-up outreach
- ▶ Communicate with both senior executive and middle management
- ▶ Simplify concepts and tailor trainings
- ▶ Link to other similar initiatives
- ▶ Link to national policies
- ▶ Ensure visibility and maintain constant communication



## Main challenges

- ▶ Sustaining operations through funding
- ▶ Sustaining engagement of companies
- ▶ Involving senior management
- ▶ Turning Climate Action Plan into real action
- ▶ Scaling up action
- ▶ Tracking and reporting progress

# Thanks!

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