Lebanese Climate Action in the context of the Paris Agreement

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Ministry of Environment
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

Cut CO₂ emissions

- Unconditional target: 15%
- Conditional to finance, technical support and capacity building: 30%

2030
Climate Actions directly linked to many SDGs
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

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

A GUIDE FOR YOUR COMPANY IN LEBANON
Develop your Climate Change Strategy

**STEP 1: IDENTIFY YOUR CHAMPIONS**
Objectives: Identify the right people to drive climate change internally

**STEP 2: IDENTIFY YOUR STAKEHOLDERS**
Objectives: Identify the stakeholders who are critical to the success of your climate change strategy and actions

**STEP 3: DEVELOP A VISION AND POLICY**
Objectives: Develop a guiding climate change vision and policy for your company

**STEP 4: DETERMINE THE IMPACT OF CLIMATE CHANGE ON YOUR COMPANY**
Objectives: Determine how climate change can affect your business operations?

**STEP 5: MEASURE YOUR CARBON FOOTPRINT**
Objectives: Measure the carbon footprint of your company and identify how your company contributes to climate change

**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 7: EVALUATE AND IMPROVE**
Objectives: Improve your performance and maximise the benefits from your climate change actions.

**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
### Climate Action Plans

#### PILLAR: ENVIRONMENT

**COMPANY STRATEGIC OBJECTIVE:**

<table>
<thead>
<tr>
<th>CLIMATE CHANGE TOPICS</th>
<th>MEASURES KPIs</th>
<th>TARGET</th>
<th>INITIATIVE</th>
<th>INITIATIVE RESOURCES</th>
<th>INITIATIVE TIMELINE</th>
<th>INITIATIVE GOAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Paper reduction or waste management</td>
<td>Kg paper consumed/year</td>
<td>Reduce paper consumption by 5% within 2017 (compared to 2015)</td>
<td>1. Inform people about the impacts of paper waste to the environment.</td>
<td>Procure recycled stationery &amp; office equipment</td>
<td>Starting ASAP</td>
<td>70% of workforce to print double sided within the first 7 months</td>
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</table>

  - 2. Print double sided
  - 3. Increase digital use for presentations as possible.

| 2. Electricity control | KWA/year | Reduce electricity consumption by 5% within 2017 (compared to 2015) | 1. Inform people about the impacts of saving energy to the environment. | Replace harmful lamps by LED lighting fixtures | Starting ASAP | 40% of LED lamps to be added within the first 10 months |

  - 2. Implement environmental friendly lamps.
  - 3. Monitoring control.

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## Climate Action Plans

<table>
<thead>
<tr>
<th>Climate Change Topic</th>
<th>Target</th>
<th>Initiative</th>
<th>Budget</th>
<th>Initiative Timeline</th>
<th>Responsible Party</th>
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<tbody>
<tr>
<td><strong>Energy</strong></td>
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<tr>
<td>LPG Conversion</td>
<td>Help several businesses and initiatives to shift from Diesel to LPG during their Production process</td>
<td>Logistic cost: Approximate 1000-2000$ &quot;For Communication and awareness materials&quot;</td>
<td>Due Date: May-18</td>
<td>Marketing Department Sales Department Technical Department</td>
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<td>Increase the number of conversions up to 10 new businesses</td>
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<tr>
<td>Reduce internal energy consumption by 10%</td>
<td>Replacing incandescent lights with energy saving LED's in all offices. Awareness signs Replacing current A/Cs with Inverter A/Cs</td>
<td>Cost: 3800$</td>
<td>Due Date: Oct-17</td>
<td>CC. Ambassador Maintenance Dept.</td>
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<td><strong>Waste</strong></td>
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<td>Digital Signature:</td>
<td>Reduce CO2 emissions by 15% by Feb 2018</td>
<td>* Adopting digital signature/ encryption features * Shifting all payments process to online payments * Engage paperless environment * Recycling photocopier toner bottles and printer cartridges * Implementing a waste separation system for recycling in all offices (paper, plastic, glass, batteries, etc.)</td>
<td>Cost: 7000$</td>
<td>Due Date: Feb-18</td>
<td>CC. Ambassador IT Department</td>
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<td><strong>Transport</strong></td>
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<td>Routing efficiency</td>
<td>Reduce fuel bills by 15% per month</td>
<td>Optimizing the routing of distribution fleet and maintenance to reduce the use of fuels through GPS tracking and locating system</td>
<td>Logistic cost: O$ “Awareness” 200$ per car for gps sensor indicator</td>
<td>Due Date: Jan-18</td>
<td>CC. Ambassador Marketing Department distribution</td>
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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
- Mainstream and communicate Climate change
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 (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF6) and nitrogen trifluoride (NF3). 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 tCO2e. 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.
Private sector engagement in climate change

Carbon footprint in schools
IPTEC campaign on air pollution and transport
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
Until this date, about **140** organizations have registered in LCA, **120** of them are private sector companies.
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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