climate change, methane flux in the marine environment and plastic atmospheric pollution;

three healthcare/breathing research projects on respiratory tract infections in chronic respiratory pathologies and cystic fibrosis sufferers;

28 local development micro-initiatives in the fields of education and training, access to care, disability, social welfare and access to water and energy.

In 2018 Awards for Societal Commitment honored the commitment of Group employees working alongside associations on citizenship projects supported by the Foundation. In all, six employees and six organizations received awards.

C12.3

(C12.3) Do you engage in activities that could either directly or indirectly influence public policy on climate-related issues through any of the following?

Direct engagement with policy makers
Trade associations
(C12.3a) On what issues have you been engaging directly with policy makers?

<table>
<thead>
<tr>
<th>Focus of legislation</th>
<th>Corporate position</th>
<th>Details of engagement</th>
<th>Proposed legislative solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory carbon reporting</td>
<td>Support</td>
<td>Carbon reporting has been for many years a commitment for Air Liquide, as part of the Group’s sustainable development policy. Air Liquide is effectively committed to minimize its environmental footprint. Hence, this commitment requires an accurate monitoring and reporting</td>
<td>Air Liquide is committed to comply with the European regulatory standards on extra-financial reporting (DPEF “Déclaration de Performance extra financière”) which is published into the 2018 reference document in chapter 1 : “Integrated management report” which include financial and extra-financial group performance.</td>
</tr>
</tbody>
</table>
emissions, which is reviewed by statutory auditors. In the meantime, Air Liquide has been the first company in the industrial gases sector to report on the carbon content of its products, which is reviewed by statutory auditors as well.

| Cap and trade Support | The ERT's position on energy and climate change is presented in the organization's Position paper on Energy and Climate change, available online at http://www.ert.eu/sites/default/files/ERT%20Position%20Papers%20Energy%20and%20Climate%20Change.pdf | The 2030 energy and climate package is a major opportunity for |
Europe, with the EU, including its Single Market, as a driver for inclusive growth and sustainable prosperity. Companies of ERT Members are widely situated across Europe, with combined revenues exceeding €2,250 billion, sustaining around 6.8 million jobs in the region. They invest more than €50 billion annually in R&D, largely in Europe. The European Commission's "Clean Energy for All Package" is a welcome and key step monitor global competitiveness, security of supply and climate objectives more successfully than in the past. European companies accept their responsibility and under the right conditions they will continue investing and bringing to the market technological solutions for climate change. At the moment the excessively high energy prices (compared to some competitors, especially the USA) hampers the international competitiveness of European business. Unilateral EU regulatory costs add to the burden. The EU needs to facilitate innovation and technology development while ensuring that the value chain for providing and producing the solutions for "climate change" and "energy" remains in Europe, so as to foster growth and employment.
<table>
<thead>
<tr>
<th>Clean energy generation</th>
<th>Support</th>
<th>Air quality as a key public health challenge, energy transition and the environment with the boom in alternative energies, the carbon market with changes in European regulations and the development of regional markets in North America and Asia</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Hydrogen Council invites policy-makers, investors and civil society stakeholders to acknowledge the contribution to ensuring the transition towards a more secure, clean and competitive energy market in the European Union. ERT supports the package’s three main goals: 1/ putting energy efficiency first; 2/ achieving global leadership in renewable energies; and 3/ providing a fair deal for consumers.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
environmental and societal reporting challenges are priority topics for the group's public affairs teams. Launched during the Davos World Economic Forum at the beginning of 2017, the Hydrogen Council is the first global initiative of its kind which intends to show that hydrogen is a key solution in energy transition for transport. The Group is currently composed of more than 50 multinationals, including Air Liquide. The initiative is growing rapidly, with 11 new members joining the Hydrogen Council in March and 14 new members in September 2018. If deployed on a large scale, hydrogen could represent almost one fifth of total energy consumed by 2050. This would help reduce annual CO2 emissions by around 6 gigatons compared with current levels and account for 20% of the decrease required to limit global
Through its ambition to limit global warming, the Hydrogen Council is committed to providing 100% carbon-free hydrogen for mobility by 2030. This objective was presented Air Liquide CEO during the Global Climate Action Summit in San Francisco in September 2018. Moreover, hydrogen has the potential to generate 2,500 billion US dollars in revenue and create more than 30 million jobs by 2050.

C12.3b

(C12.3b) Are you on the board of any trade associations or do you provide funding beyond membership?
Yes
(C12.3c) Enter the details of those trade associations that are likely to take a position on climate change legislation.

**Trade association**
European Round Table of Industrialists (ERT)

**Is your position on climate change consistent with theirs?**
Consistent

**Please explain the trade association’s position**
The European Round Table of Industrialists (ERT) is a forum bringing together around 55 Chief Executives and Chairmen of major multinational companies of European parentage covering a wide range of industrial and technological sectors. ERT strives for a strong, open and competitive Europe, with the EU, including its Single Market, as a driver for inclusive growth and sustainable prosperity. Companies of ERT Members are widely situated across Europe, with combined revenues exceeding €2,250 billion, sustaining around 6.8 million jobs in the region. They invest more than €50 billion annually in R&D, largely in Europe. ERT supports a holistic approach that integrates
policy framework. - Safeguard the package’s consistency throughout the legislative process. - Bolster the EU industry’s readiness for new opportunities and new operating environments triggered by the energy and climate transition. - The proposed energy policy framework should acknowledge that only a globally competitive industry has the capacity to deploy and invest in low-carbon innovation. - ERT supports market-based and technology neutral solutions from a holistic system perspective for promoting the uptake of energy efficiency and for better integrating renewables in the electricity market. - Proportionate measures for customer empowerment are supported. - Set targets for energy efficiency in a smart way to allow for growth and development. - Increased energy efficiency is particularly relevant for the buildings sector.

How have you influenced, or are you attempting to influence their position?

Air Liquide’s Chairman and CEO, Mr. Benoît Potier, has been nominated Chairman of the ERT in May 2014 to May 2018. Therefore, our company is a highly active contributor to the work of the round table, which reflects our position on the subject.
(AFEP)

Is your position on climate change consistent with theirs?
Consistent

Please explain the trade association’s position
AFEP is an association that currently represents more than 90 of the top private sector companies operating in France. French companies share with their employees, customers, supply chain and shareholders the will to build a more sustainable development model. In this framework, these companies have been implementing policies to reduce their impact on environment while preserving the competitiveness, and identify and seize the new opportunities created by the need of a more sustainable development. This is why AFEP currently supports: (1) The existence of climate change and the EU Emissions Trading System (ETS); (2) The energy transition; (3) Resource efficiency and the concept of circular economy; (4) Energy renovation plans for housing (5) R&D and innovation in the field of alternative energies; (6) The concept of Corporate Social Responsibility.
Potier, currently is a member of the AFEP Board. The board’s mission is to set the main orientations of the association and their consistency with the AFEP’s members. Therefore, the work of AFEP reflects our position on the subject.

Trade association
European Industrial Gases Association (EIGA)

Is your position on climate change consistent with theirs?
Consistent

Please explain the trade association’s position
The aims of EIGA focus on the safety, environmental, climate change, regulatory and technical aspects of the production, distribution and use of industrial gases including food gases and medical gases and their contribution to sustainable development.

How have you influenced, or are you attempting to influence their position?
AL participates in several task forces, e.g. related to the environment, hydrogen technologies, or energy. The Group engages thus in advocacy at the EU level, in favor of
Trade association
Entreprises pour l’Environnement (EpE)

Is your position on climate change consistent with theirs?
Consistent

Please explain the trade association’s position
‘Entreprises pour l’Environnement’, created in 1992, is an association of around forty French and international large companies from all sectors of the economy, who want to make environmental considerations more a part of both their long-term planning and their day-to-day management. Members all share the same vision of the environment as a source of opportunities and progress, within a broad understanding of ‘environment’: raw materials, energy, climate change, water, biodiversity, pollution, waste, etc. EpE strongly believes that, just as players cannot develop sustainably within a degraded environment, real consideration for the environment is a source of long-term value for businesses. EpE gives its members a forum for discussion, within the business world itself, but also with NGOs, ministers, politicians, scientists and academics.
takes part into a variety of events related to environmental challenges such as climate change or biodiversity.

**Trade association**

Medef

**Is your position on climate change consistent with theirs?**

Consistent

**Please explain the trade association’s position**

Aware of the risks and opportunities related to climate change, the Medef (French enterprises movement) calls for the setting of a measuring, reporting and verification framework regarding the implementation of the COP 21 agreement. It supports also the position of the World Bank regarding the establishment of a global carbon pricing system. All measures taken should contribute to strengthen the competitiveness of businesses. (see manifeste attached).

**How have you influenced, or are you attempting to influence their position?**

Air Liquide chairs the climate change committee of the MEDEF and organize corporate group works on climate change topics.
C12.3d

(C12.3d) Do you publicly disclose a list of all research organizations that you fund?
Yes

C12.3e

(C12.3e) Provide details of the other engagement activities that you undertake.

Air Liquide is a founder and steering member of the Hydrogen Council.

The Hydrogen Council is a global initiative of leading energy, transport and industry companies with a united vision and long-term ambition for hydrogen to foster the energy transition.

Launched at the World Economic Forum 2017, in Davos, the growing coalition of CEOs have the ambition to:

• Accelerate their significant investment in the development and commercialization of the
backing of hydrogen as part of the future energy mix with appropriate policies and supporting schemes.

In the first global initiative of its kind, the Hydrogen Council is determined to position hydrogen among the key solutions of the energy transition. The Council works with, and provides recommendations to, a number of key stakeholders such as policy makers, investors, international agencies and civil society to achieve these goals.

Hydrogen is a versatile energy carrier with favourable characteristics since it does not release any CO2 at the point of use as a clean fuel or energy source, and can play an important role in the transition to a clean, low-carbon, energy system. Hydrogen technologies and products have significantly progressed over past years and are now being introduced to the market.

As global companies from major energy and industrial sectors, it is part of the corporate responsibility to provide solutions to manage the energy transition and move forward to a low-carbon, sustainable economy: joint action is required to tackle this formidable challenge. This
with us to create an effective implementation plan.

C12.3f

(C12.3f) What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

The Group’s codes, policies, and procedures are grouped together in an overall reference manual called BLUEBOOK. The BLUEBOOK which is made available to all employees encompasses a set of internal rules and objectifs, including our climate change objectives. All employees are required to keep the BLUEBOOK in mind when engaging with stakeholders and policy makers. The BLUEBOOK ensures therefore that all our engagement is coherent with our overall climate change strategy.

The BLUEBOOK is the cornerstone of the Group’s internal control system, which aims to ensure that the Group’s activities and the conduct of its members: