



## Sustainability Report 2020 for the 2019 calender year





# Sustainability is part of our DNA



At Armstrong, providing service to the world, who by reason of such service becomes our customer has been one of our three corporate values for decades. More recently, this commitment to sustainability has been articulated in our Planet Proposition, which covers not only the sustainability values we provide our customers, but also how we want to go about the process of delivering these values and how we interact with, and increase environmental awareness with the communities in which we operate.

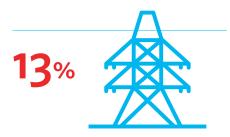
Today, we are driven to develop innovative, high-value, energy-saving solutions for our customers and ensure that we continue to reduce our energy use and GHG emissions in our own facilities. This environmental stewardship increases our brand value and customer loyalty thereby allowing us to complete more effectively in our market, ultimately ensuring the future sustainable growth of the organisation.

At Armstrong, we believe that environmental stewardship is an integral part of why we exist and how we go about our business. With the development and implementation of innovative technologies, this environmental stewardship comes with a cost advantage for our customers, our planet, and ourselves. This report highlights some poignant examples of that.

Todd Rief
Chief Executive Officer

### **Key Facts**

Our performance in 2019



**Electricity reduction** 

22%

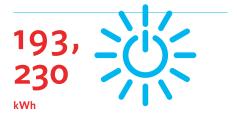
Gas reduction



Production facilities ISO 14001 certified

100% of our Production facilities around the world are certified to ISO 14001 Environmental Management accreditation 24 f **y** in **y** in

Number of Sustainability Social media posts



Solar energy generated



Educational webinars delivered on energy conserving HVAC technologies

# Introduction 1.0

Sustainability at Armstrong



By designing & supplying industry leading energy-efficient and ecofriendly fluid flow solutions, we help our customers reduce their energy consumption, save money and lower their carbon emissions.

WE HELP OUR CUSTOMERS REDUCE THEIR ENERGY CONSUMPTION, SAVE MONEY AND LOWER THEIR CARBON EMISSIONS



### **Our Environment**

By applying stringent environmental standards to our operations, measuring our performance & continually raising the bar we're reducing our own consumption of valuable resources and making our plants a better and more comfortable place to work in.

WE'RE REDUCING OUR OWN CONSUMPTION OF VALUABLE RESOURCES AND MAKING OUR PLANTS A BETTER PLACE



### **Our Community Advocacy**

And by educating and supporting the global community (our stakeholders and neighbours) to make environmentally responsible choices at work and at home we're helping the community at large become more sustainable.

WE'RE HELPING THE COMMUNITY AT LARGE BECOME MORE SUSTAINABLE



The Net Zero Carbon Buildings Commitment



Armstrong was one of the first 50 organizations to join the Net Zero Carbon Buildings Commitment (launched in September 2018). The Net Zero Carbon Buildings Commitment challenges companies, cities, states and regions to reach Net Zero operating emissions in their portfolios by 2030, and to advocate for all buildings to be Net Zero in operation by 2050.

By setting ambitious 'absolute' targets, the Commitment aims to maximize the chances of limiting global warming to below 2 degrees, and ideally below 1.5 degrees, by drastically reducing operating emissions from buildings.

https://www.worldgbc.org/thecommitment

Current Carbon Disclosure Project (CDP) Performance Band: B



### Our CDP score



### Average performance





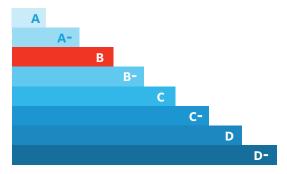


Electrical & electronic equipment

North America

Global Average

### UNDERSTANDING THE SCORE REPORT



Armstrong Fluid Technology received a B which is in the Management band. This is higher than the North America regional average of C, and higher than the Electrical & electronic equipment sector average of C.

Leadership (A/A-): Implementing current best practices

Management (B/B-): Taking coordinated action on climate issues

Awareness (C/C-): Knowledge of impacts on, and of, climate issues

Disclosure (D/D-): Transparent about climate issues

Our Products and Services









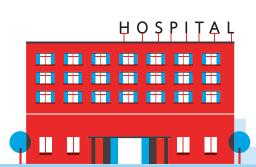


### 2 by 22

At the 2018 Global Energy Summit in Toronto, Armstrong announced a commitment to reducing Greenhouse Gas emissions among its installed customer base by 2 million tons by the year 2022 and issued a challenge to industry participants to set similarly aggressive targets for the same 4-year time frame.

Organizations globally are being driven to achieve a zero-footprint future and we believe this can best be achieved through enabling technologies, solutions and services. At Armstrong we are committed to develop and supply solutions that are lowest installed cost, lowest operational cost, and create the lowest environmental footprint. To validate our claims, we launched a global validation effort across a wide range of customer types and applications. The results are available on our website. The company also significantly expanded the team of energy-savings specialists that will work closely with existing and new customers to measure, manage and enhance their current operations, and to reduce their Scope 2 Greenhouse Gas emissions.





# Our Environment 2.0

Case study

### **Solar Photovoltaic Panels at Manchester office**

By the end of December 2015, Armstrong has completed a major renewable energy project at our Manchester site.

A 250 kilowatt peak (kWp) system was successfully installed over a roof area of 1,550  $\,\mathrm{m}^2$ .

The system is up and running since January 2016 and has already started to reduce the carbon emissions and the costs associated with our electricity consumption





### Our Community Advocacy 3.0

The Armstrong monthly webinars teach our customer community how they can reduce their carbon footprint and increase energy efficiency with informed upgrade decisions and a carefully constructed optimization path

https://armstrongfluidtechnology.com/en/resourcesand-tools/education-and-training/webinar-library

with Armstrong technologies.



















































Advocacy in our Community

Armstrong sponsored a two-part virtual summit on Sustainability in the municipalities, universities, schools and hospitals (MUSH) sector, and government building stock. The summit panel was comprised of industry experts that discussed the importance of retrofitting and greening government facilities for the health of government employees and the public.



resilientrecovery.ca

### Let's build a more resilient Canada.



382 signatories representing 2,181 companies have now signed on to support a resilient recovery.

Armstrong Fluid Technology is one of 382 signatories representing 2,181 companies that publicly signed on to support a resilient recovery in 2020. This campaign is a collabration of Clean Energy Canada and The Canada Cleantech Alliance

All signatories advocated for a three-part recovery and resilience plan:

- Invest stimulus into the fast-growing clean energy and cleantech sectors and businesses committed to the local production and export of world-leading low- and zero-carbon commodities;
- **2. Act** quickly to support clean energy and cleantech solutions and business by expanding existing initiatives and programs; and
- **3. Share** loud and clear that we will continue and expand on best-in-class climate and environmental policies.

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### ARMSTRONG FLUID TECHNOLOGY

ESTABLISHED 1934