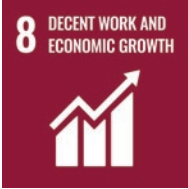




# HEALTH AND SAFETY

Responsible  
*and committed!*

## A COMMON GROUP CULTURE, TO BE EXTENDED TO THE ENTIRE SECTOR



- Contribute to economic growth without harming the environment
- Eradicate all abusive labour practices
- Guarantee safety for all in the workplace

While the construction industry is never without risk, Bouygues Construction cannot accept that it is inevitable. We are committed to ensuring the health and safety of everyone present on our sites, and this is an absolute priority for the Group. Throughout all our operations, the requirement is the same - irrespective of time or place: "Zero Accident".

The responsibility of a group of the size of Bouygues Construction also extends beyond its own sites and premises. As a key player in the sector, it is our duty to share our health and safety ambitions. In consequence, a number of actions have been implemented, including the sharing of knowledge and best practice, joint innovations, the introduction of strict standards, and training and awareness-raising operations. All these initiatives are aimed at mobilising the entire sector around this key issue.

To achieve a common health and safety culture, that reaches out beyond the limits of Bouygues Construction to the whole sector, we combine two approaches:

- Integrating safety into all our technical choices and professional activities, whether in the organisation of work and operating procedures, or in training and skills development.
- Taking particular care of the human element, a factor of primordial importance in a labour-intensive industry such as ours: learning to work in a team, taking on board new challenges, developing an attitude to be capable of dealing with unexpected situations, perhaps even of challenging traditional methods in the sector.

By making Health and Safety a structuring and differentiating part of our ethos, Bouygues Construction is taking a proactive approach, aimed at encouraging our partners in the sector (suppliers, subcontractors, temporary employment agencies) to move towards the setting up of industry-wide standards.

### WE ARE ALL INVOLVED

In addition to this global policy, daily onsite safety routines help to anticipate and avoid risks. These include notably a morning warm-up, a safety briefing prior to starting a job, and the "STOP" rule, which means that work ceases on site in the event of any employee flagging up even a weak signal of a potentially hazardous situation.

The Group's Health and Safety approach is deployed across all our construction sites, premises, and subsidiaries, by means of a worldwide network of 500 prevention specialists. Field work supported by research and development actions has led to the emergence of digital tools, virtual reality, ergonomists and safety researchers.



*"It is our duty to be exemplary in this respect everywhere we operate. It is our responsibility, towards our employees and all those who work on our operations, to ensure a serene and safe working environment. At the end of a day's work, everyone must be able to go back home in good shape. This ambition, to which the company attaches the greatest importance, has been embedded in our DNA since our inception. We seek to see it firmly anchored in everyone's minds and in all processes."*

**Philippe Fornage**

Health and Safety Director, Bouygues Construction



AMBITION

**Zero**

accident



80 %

of our construction work already attained "Zero Accident" in 2018



## OUR ACHIEVEMENTS

### WORLD DAY FOR SAFETY AND HEALTH AT WORK

Across 80 countries, no fewer than 10,000 sites and 100,000 participants (50,000 employees and 50,000 subcontractors) temporarily downed tools on June 13, 2017, for World Health and Safety Day, as part an exceptional event to highlight the "Zero Accident" objective.



### WE LOVE LIFE, WE PROTECT IT

On the theme of fundamental safety rules, this international campaign, consisting of 12 posters translated into 17 languages, raises awareness on the Group's commitment to Health and Safety in the 80 countries in which it operates.



\*Accident leading to at least one day of sick leave.

## OUR 12 FUNDAMENTALS

12 fundamental rules have been identified as key elements in preventing accidents and incidents. They cover the most frequently encountered risk situations on our construction and operational sites. They must be implemented across the Group's activities worldwide, and it must be ensured that they are understood and respected by all.

- Complete ban on the possession and consumption of drugs and alcohol in the workplace
- Compulsory Personal Protective Equipment (PPE)
- Onsite vehicle and pedestrian movement is restricted to designated and maintained routes to prevent falls and collisions
- Daily warm-up and briefing
- Risk analysis: before starting a task, risks must always be assessed and appropriate means of protection identified
- Ergonomics: measures to eliminate, substitute or limit immediate and deferred health risks.
- Stability of equipment, materials and machinery
- Protection against hazardous energy
- Use of appropriate tools and equipment
- Use of collective safeguards in the workplace
- Use of appropriate equipment for work at height
- In the event of an uncontrolled risk, each employee must be able to say "Stop"



## OUR SOLUTIONS

### HIGH SECURITY CONSTRUCTION SITE

Bouygues Construction's unshakeable commitment to Health and Safety was instrumental in winning the tender for the New Futura shipyard in Singapore. The Group was able to meet particularly high safety requirements, both on and off site, within a context of high urban density.



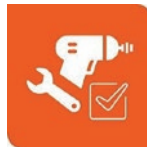
### K-RYOLE

Master craftsmen travel an average of 10 to 15 km a day, some of which entails moving equipment. K-RYOLE, an electrically assisted trailer, allows them to move heavy loads without feeling the weight<sup>1</sup>, thereby reducing the risk of musculoskeletal disorders (MSDs). During initial experiments carried out on construction sites in 2018, this assistance succeeded in dividing by six the distances travelled by master craftsmen.

<sup>1</sup> The user has to put in less than 1% of effort.

### A CATALOGUE OF SAFER PRODUCTS

Based on feedback from operational staff on their needs, a catalogue of up-to-date, safe and ergonomic hand-held power tools to carry out various tasks onsite has been compiled by a steering committee made up of representatives from the Health and Safety, Materials and Purchasing departments. This referencing is a pioneering initiative in the building and public works sector and is set to contribute both to the establishment of common standards and the concrete implementation of Bouygues Construction's commitments in terms of health and safety.



### HEAVY LOAD STICKERS

Manual handling is a risk factor for the health and safety of teams and can lead to disruption on site. In order to reduce the risk, Bouygues Construction has launched a system to indicate the weight of equipment used in its operations. Simple and intuitive, a universal colour code identifies the type of material, and the appropriate way to lift or move it. This scheme not only helps to prevent at-risk manual handling, but also helps employees realise what their physical limits are.



### THE BOUYGUES CONSTRUCTION HEALTH AND ERGONOMICS PLAN 2019

In 2019, a Health and Ergonomics Plan was rolled out across Bouygues Construction to define the actions that must be taken by all our subsidiaries to ensure the health of everyone in the workplace.

### HEALTH WORKSHOPS

In order to raise awareness in master craftsmen of deferred risks and the importance of preserving their health, regular workshops are organised. Featuring experiments carried out using specific equipment, these workshops aim to show how poor working conditions can cause premature ageing, and they highlight the importance of applying the rules of ergonomics on a daily basis.

