



Essential

# OUR 2020 CHALLENGES

**BOUYGUES**  
CONSTRUCTION

Shared **innovation**

# 4 BUSINESS AREAS



## BUILDING

Over  
**22,000**  
employees

**40%**  
of Group  
orders

**46%**  
of Group  
turnover

## ENERGIES & SERVICES

Over  
**21,000**  
employees

**28%**  
of Group  
orders

**29%**  
of Group  
turnover

## PUBLIC WORKS

Over  
**12,000**  
employees

**32%**  
of Group  
orders

**25%**  
of Group  
turnover

## CONCESSIONS

**9**  
employees

**€19bn**  
financing  
arrangements  
in place  
(cumulated over 25 years)

# KEY FIGURES

**58,000**  
employees

**€22bn**  
order portfolio

**€12bn**  
turnover

**1.4%**  
current operating  
margin

# A MULTI-LOCAL GROUP

With operations across all five continents, the group and its eight subsidiaries combine expertise and innovation in order to serve their local regions in over 60 countries.

**40%**  
FRANCE

**32%**  
EUROPE

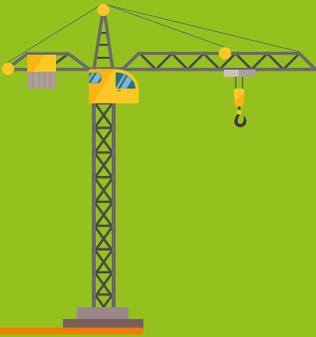
**18%**  
ASIA –  
PACIFIC REGION

**4%**  
AFRICA –  
MIDDLE EAST

**6%**  
THE AMERICAS



# BOUYGUES CONSTRUCTION IS ABOUT...



## 3 AREAS OF ACTIVITY

INFRASTRUCTURE

INDUSTRY

BUILDING

OPERATIONS THROUGHOUT  
THE CONSTRUCTION VALUE CHAIN  
IN THE DIGITAL AGE



## A NUMBER OF PARTNERSHIPS

Bouygues Construction is a leader in sustainable construction.  
To make sustainability a common goal, innovation has to be shared.





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## CHALLENGE No.1

# CREATING SUSTAINABLE REGIONS

### Responsible urban planning

Regions and cities are changing, as they adapt to new practices and seize all the opportunities of the digital world. We build and connect infrastructures for transporting people, goods and data, which are needed to ensure their economic development and attractiveness.

Alongside future inhabitants, we think up sustainable new districts that have a strong focus on diversity and foster wellbeing and community cohesion, such as the Lyon Confluence project. Our teams are capable of considerable technical prowess in pursuit of this goal; witness the Monaco offshore extension.



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### LOIRE-ATLANTIQUE REGION TO HAVE

# 100%

### FIBRE COVERAGE BY 2025 THANKS TO AXIONE.



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### Regeneration, flexibility, reversibility

Brownfield sites and industrial buildings are metamorphosing into vibrant new communities, such as La Maillerie in Lille and the former tram depot in Bern, which has been awarded the 2000 watts label. Public amenities, offices and housing are being redesigned to keep up with new practices. Buildings are customisable, evolving and connected, becoming service-led and environmentally responsible. The future Abomey-Calavi hospital in Benin is a wonderful example.





### Ecological transition

We create production and distribution infrastructures for the energies of tomorrow, such as the gravity-based foundations for the Fécamp offshore windfarm, the Suntop solar farm in Australia, and the development of green hydrogen solutions. We renovate existing buildings to improve their environmental footprint and construct new buildings in accordance with the principles of eco-design and energy efficiency, favouring the use of wood, bio-sourced or recycled materials and low-carbon concrete.

### Climate strategy

We want to reduce our greenhouse gas emissions by 30% before 2030, by changing our working methods and behaviours to make this consideration automatic: reducing the carbon intensity of our concretes, increasing the use of wood in construction, significantly lessening the impact of our purchasing, and training 100% of our clerical, technical and supervisory staff and managers in this issue.



The ABC residence is a new housing paradigm. It aims to offer total autonomy in terms of water and energy consumption, as well as reduced waste.



CHALLENGE No.2

# CREATING A LOW-CARBON CULTURE



### CHALLENGE No.3

# DRIVING PRODUCTIVITY WITH DIGITISATION

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**Lab TP,**  
**77 innovation topics,**  
**more than 30%**  
**of which are at**  
**the upscaling stage.**



© DASTIE Adrien



© RUTKO Baptiste

### Construction 4.0

IoT, IA, Big Data, Machine Learning, virtual reality, robots... Construction 4.0 is here. Our many industrial and academic partnerships such as La Chaire Construction 4.0, co-founded with the Central Lille engineering school, constitute a major contribution to the advancement of our projects, services and practices as we digitise our operations.



© DR

### Constant innovation in operating procedures

La Sphère in Harfleur is the third 3D-printed building in France. UNIK, a huge program to provide accommodation for the French Army, reflects the trend for off-site construction. Everything is prefabricated in a factory and external workshop and then assembled on site. Steering and upscaling of the project management are facilitated by BIM (Building Information Modeling) and now the PMNP (Digital Project Management Platform), fantastic collaborative working tools allowing all parties to share all project data in real time for streamlined steering and industrial management.



**27%**  
OF MANAGERS AT  
BOUYGUES CONSTRUCTION  
ARE WOMEN

### **A responsible employer...**

Our working environment has kept up with changes in our culture, society and the expectations of our generation. We do all we can to offer our male and female employees the best working conditions.

For example, all site operatives will soon have an extremely safe angle grinder, specially designed to meet our requirements thanks to a partnership with manufacturer Fein.



### **...with a social conscience**

Diversity is an incredible way of boosting fulfilment within our organisation. Gender parity, disability, a broad range of qualifications and professional experience and diverse backgrounds are the four main principles of our diversity policy. We have launched a number of initiatives to help people get back into work on our projects and with partner charities. Our Terre Plurielle foundation supports several community projects sponsored by our employees involved in charity work. This year, we had an exceptional call for projects to provide aid in connection to the pandemic.



**CHALLENGE No.4**

**ALL TALENT WELCOME**



With 58,000 responsible and committed employees in over 60 countries, Bouygues Construction designs, creates and operates projects in the construction, public works, and energy and services sectors. A leading name in sustainable construction, the group makes shared innovation its main source of added value and treats health and safety as an absolute priority. It is committed to cutting its greenhouse gas emissions by 30% by 2030 and offers its customers a wide range of low-carbon solutions.

In 2020, Bouygues Construction generated revenues of €12 billion.



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RESPECT FOR PRECAUTIONARY MEASURES  
Some of the photos in this document were taken before the implementation of health measures in connection with Covid-19.

**BOUYGUES  
CONSTRUCTION**

Shared **innovation**