

EUROPEAN CONSTRUCTION SECTOR OBSERVATORY

Construction & Digitalisation

Share of EU GDP

9%

Construction sector employs



18 million workers

Annual labour productivity growth

1%

1997 → 2017

Digitalisation = Opportunity

European BIM market

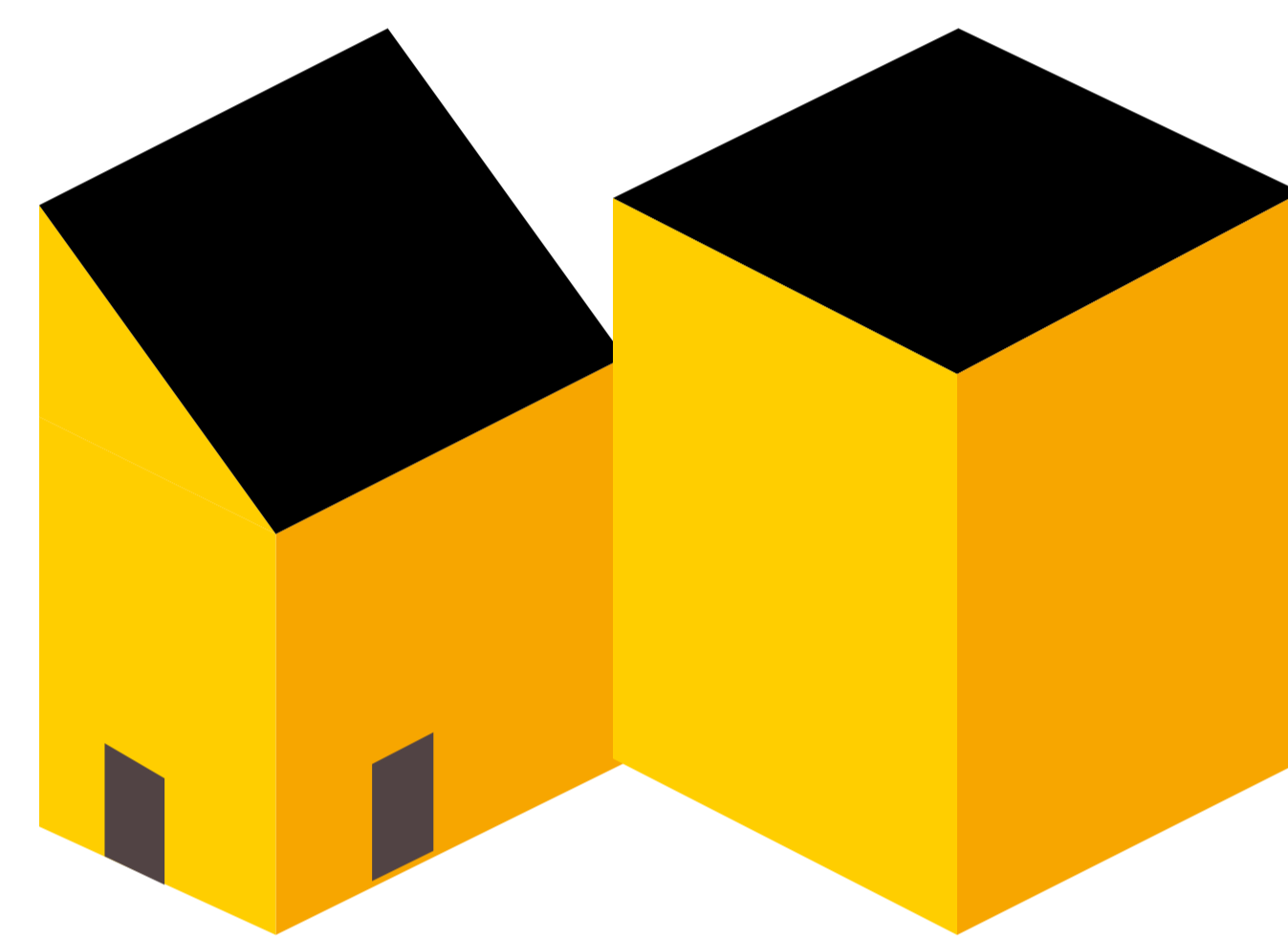
+13%



2016
EUR 1.8 bn

2023
EUR 2.1 bn

3D printing & Drones



contribute to:

- productivity increase
- circularity
- savings
- efficiency
- profitability

... and the EU 2020 Strategy

Full-scale digitalisation in non-residential construction



In 2016

29%

of European construction companies used BIM 3D & only

SMEs across the value chain have limited BIM experience
BIM implementation is led by large companies

6% used BIM 4D

3D printed solutions in construction



- Yhnova project in Nantes, France
- 3D printed houses in Eindhoven, the Netherlands
- footbridge in Madrid, Spain
- double-curved panel for the London Crossrail Project, UK
- 3D printed building in Copenhagen, Denmark
- and more....



Commercial drones market growth is projected to create over

100,000

direct jobs in the next 20 years

200%

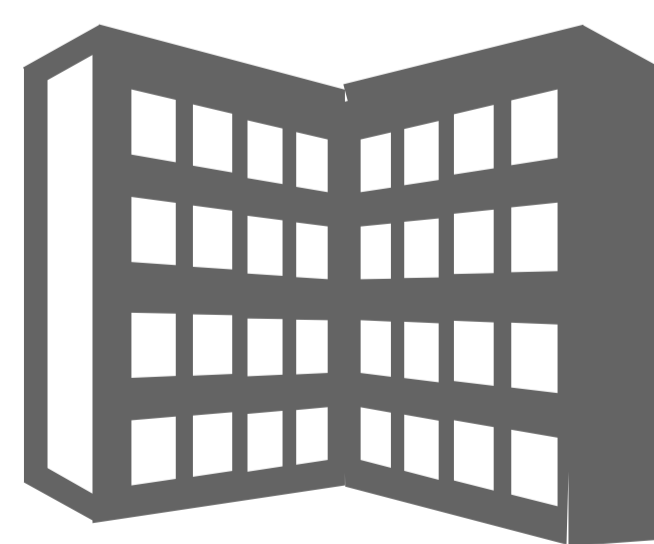


2016

2025

... and grow in size to EUR 2.6 bn

72%



of construction companies either are already or are considering

using drones within the next year

>50%

of companies using drones

primarily use drones for progress tracking & communication

