

# THE PLANTS OF TOMORROW



## UNMANNED VEHICLES - SAVE LIVES, COST AND CREATE COMPETITIVENESS FOR THE PLANTS OF TOMORROW

APAC EUROPE MEA NORTH AMERICA

A recent [report by Goldman Sachs](#) predicts that the commercial sector represents the biggest growth opportunity for unmanned vehicles and drone technologies. Investments of USD 13 billion are expected in the construction industry alone by 2022.

Unmanned vehicles bring a number of key benefits to Holcim. In the area of Safety, this solution safeguards our colleagues from having to enter confined or hard to reach spaces. Predictive maintenance is another key area where drones are making operations more efficient. With drones, inspections can occur at higher frequency and issues can be detected remotely through real-time imagery or non-destructive analysis before they arise. This saves time and money associated with costly repairs.

Finally, where mapping, surveillance and measurement of raw materials stored in the open and requiring blast design used to be costly, the use of drones has cut this spend to a fraction of earlier levels.

### FACTS AND FIGURES:



#### UNMANNED VEHICLES EQUIP US TO:

- Safeguard employees from high-risk jobs
- Conduct surveillance
- Reduce worker hours and
- Assess inventory faster

### GLOBAL IMPLEMENTATION STATUS:



- Several countries having purchased drones for use in confined space
- Several countries are working on drone projects for other applications