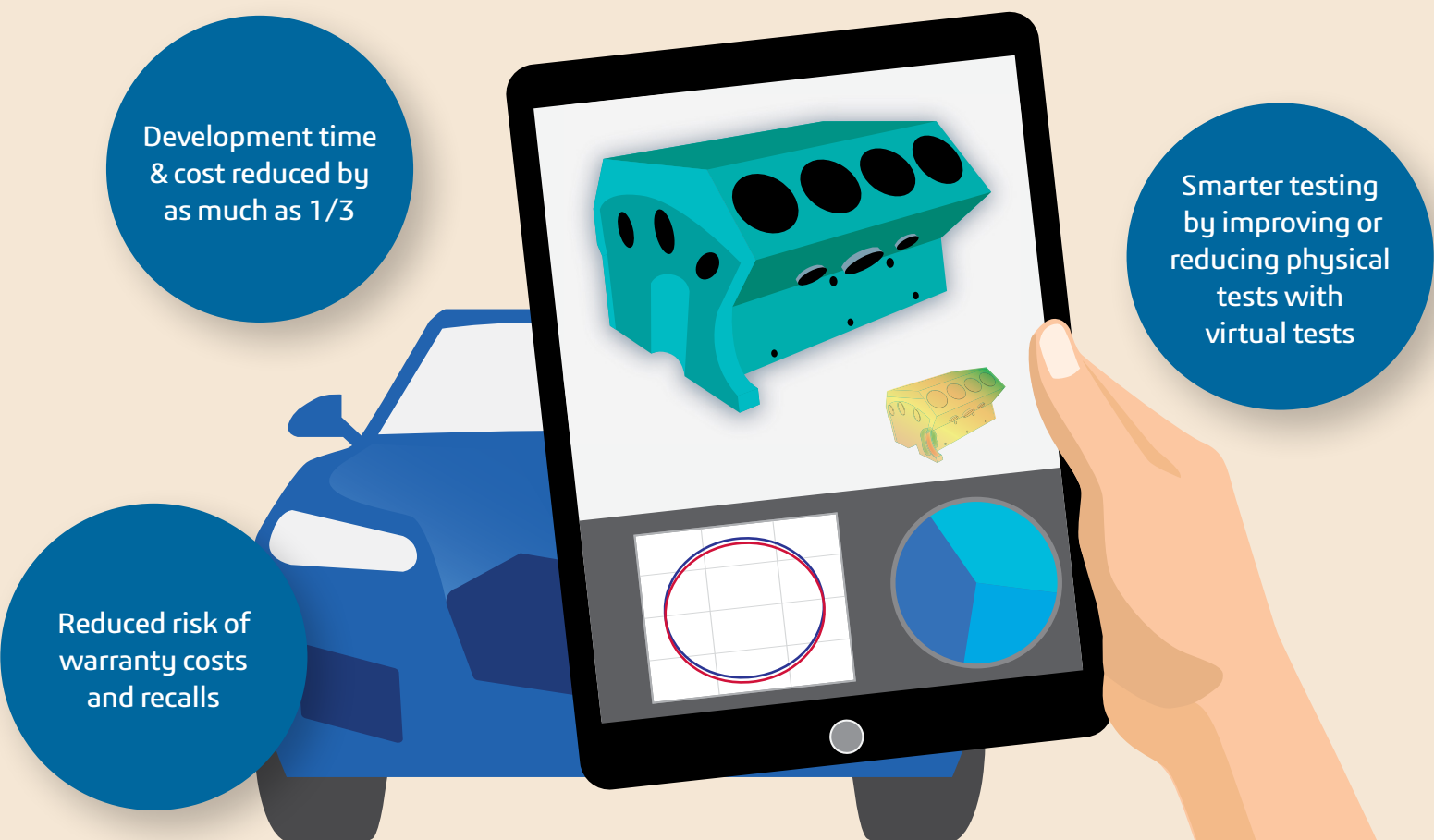


POWERTRAIN STRENGTH & DURABILITY

Leverage the **3DEXPERIENCE®** Platform to Maximize Powertrain Strength & Durability and Minimize Cost and Time to Market

A good design of a vehicle's powertrain will ensure reliability, durability, efficiency, performance and safety. Structural simulations are key enablers in achieving this objective in a shorter and more cost-effective time than with physical tests.

The **3DEXPERIENCE** platform connects teams, disciplines and data into one unified collaborative environment to imagine, design and experience innovations.

An infographic featuring a hand holding a tablet. The tablet screen shows a 3D model of a teal engine block, a smaller yellow engine block, a line graph with two overlapping circles (one red, one blue), and a pie chart. Three blue circular callouts are positioned around the tablet. The background includes a partial view of a blue car.

Development time
& cost reduced by
as much as 1/3

Smarter testing
by improving or
reducing physical
tests with
virtual tests

Reduced risk of
warranty costs
and recalls

Maximize
Powertrain
Strength and
Minimize
Emissions

60% U.S. global warming
emissions from cars¹

Only 5% of current
production would meet 2025 CO₂
emission targets

50% of vehicles still internal
combustion engine in 2040²

Over 1 Billion
vehicles on the road worldwide³

Learn more: go.3ds.com/mobilitysim