



- TechTalk **SMART MOBILITY**

The background is a light gray with a network of white dots connected by thin white lines, creating a web-like structure. Overlaid on this are several curved, dashed orange lines that sweep across the frame, suggesting a path or trajectory. The overall aesthetic is futuristic and technological.

SMART, AUTOMATED, CONNECTED: SOLUTIONS FOR OFF-HIGHWAY AND CONSTRUCTION VEHICLES 2030

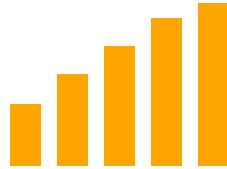
Mario Branco, Head of Business Development Continental Off-Highway

On- & Off-Highway

The Requirements are Fundamentally Different



Driving Profile



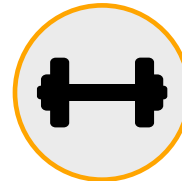
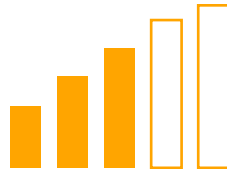
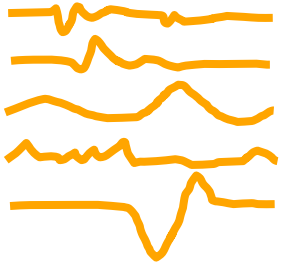
Speed Profile



Task Profile



Cargo Type



On- & Off-Highway Task Profile



view between 90° and 180°

rigid operator's cabin

similar information needed

one big informational screens

steering wheel



view up to 270°

flexible operator's cabin (360° turn)

more and different information needed

multiple screens for cameras or sensors

joysticks

Disruption in Construction

Drivers for the Transformation of the World's Largest Industry



\$265 billion annual profit
pool awaits disrupters

The Future of Construction

Driven by Technological Progress & Pioneering Companies



By 2030, the construction industry will have changed more than ever since the introduction of the internal combustion engine. This is because technologies such as 5G, artificial intelligence, and automation have now reached the mainstream.

But to generate a real boost in value creation, this change must be actively shaped. Those who achieve this can reach a much higher profitability in the years to come.

Mario Branco
Head of Business Development Continental Off-Highway



Megatrends as Cornerstones Connected and Fully Digitalized



Smart Mobility Solutions

For Safe, Sustainable, Fast and Efficient Construction Sites

Automation & Safety

e. g. driving assistance systems, body electronics, telematics unit, camera and radar-based systems for environment recognition

Comfort:

e. g. suspension and vibration control solutions

Operator's Cabin:

e. g. displays, controllers, or infotainment systems

Tires:

e. g. tire management solutions

Automation & Safety:

e. g. environment sensing, object detection, sensor fusion, and roadmap to full autonomy

Comfort:

active seat and cabin suspension, active noise cancellation

Operator's Cabin:

e. g. heads-up-displays, augmented reality, or smart glass

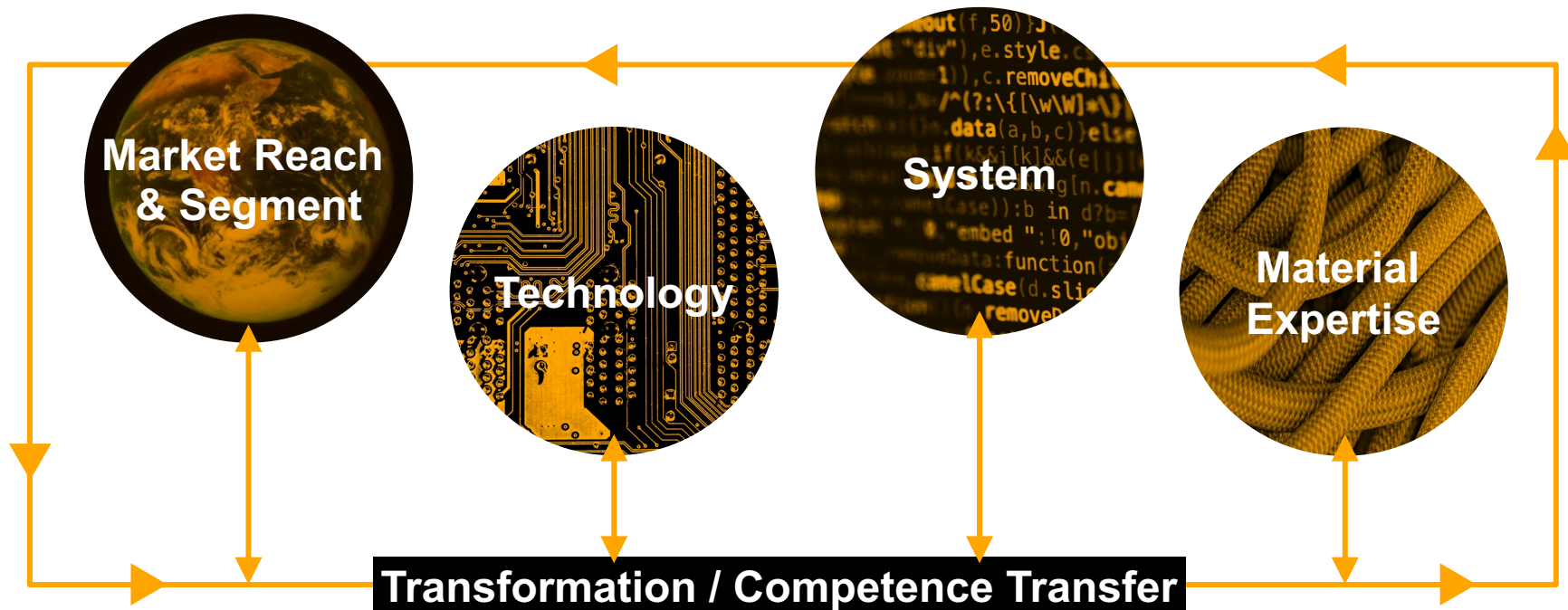
Tires:

e. g. AI-based fleet management



Shaping the Future of the Construction Site

Continental Benefits from Years of Experience



THANK YOU!