



**HUAWEI**  
**ECO-CONNECT**  
**EUROPE 2020**

# Inspiring 5G B2B Together

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**20 YEARS**  
**OF CONNECTING**  
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# The standards and alliances empower 5G B2B faster than ever



- 5 industry work groups
- 2 major public groups
- incubation funds



- 9 white papers
- 30+ proposals to 3GPP
- 13 proposals @SA1 R17

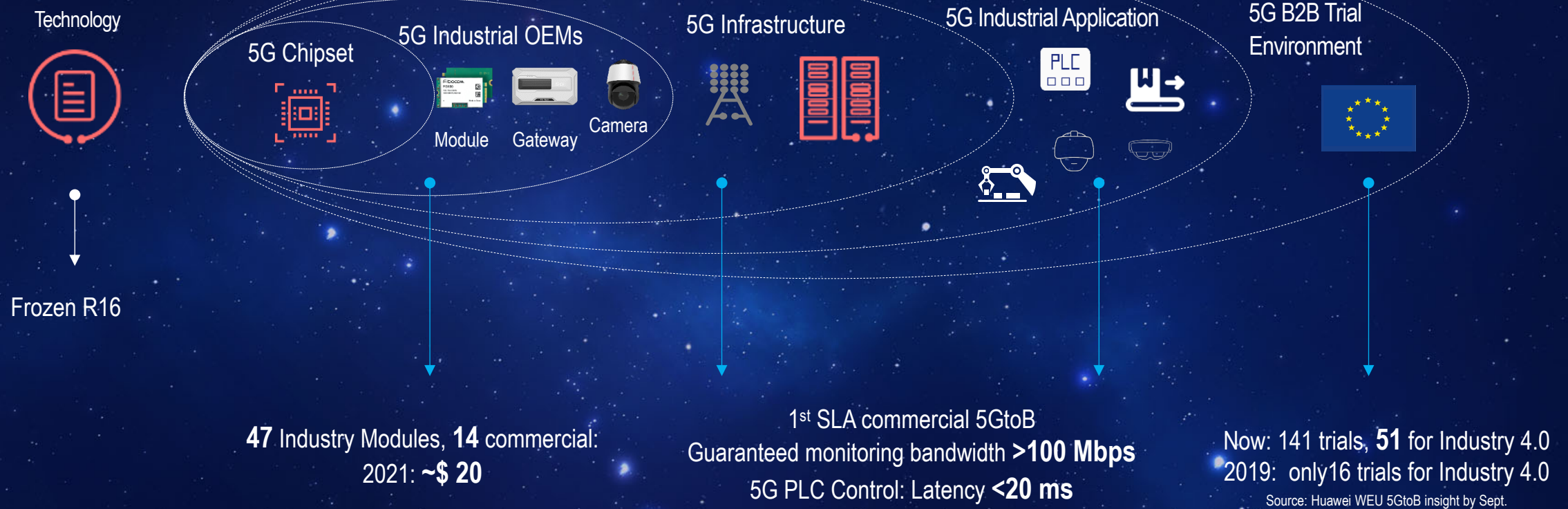


- C-V2X with EU regulators
- 10 white papers

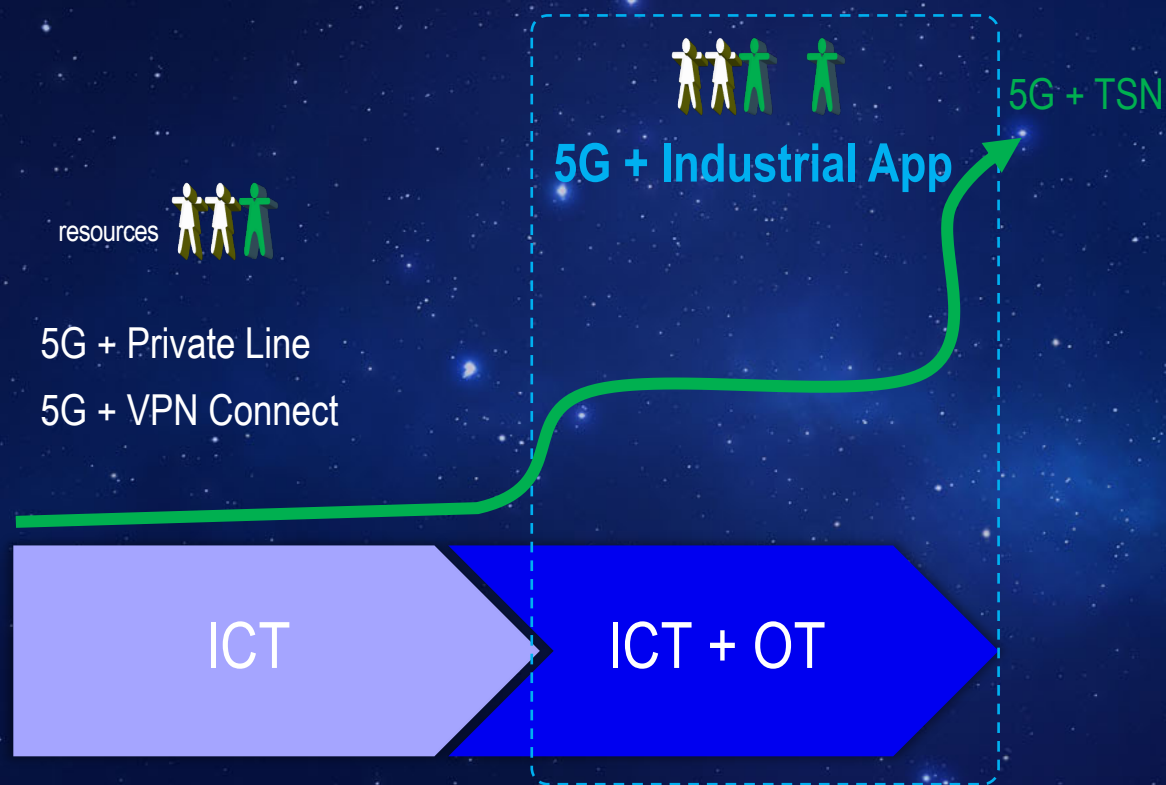




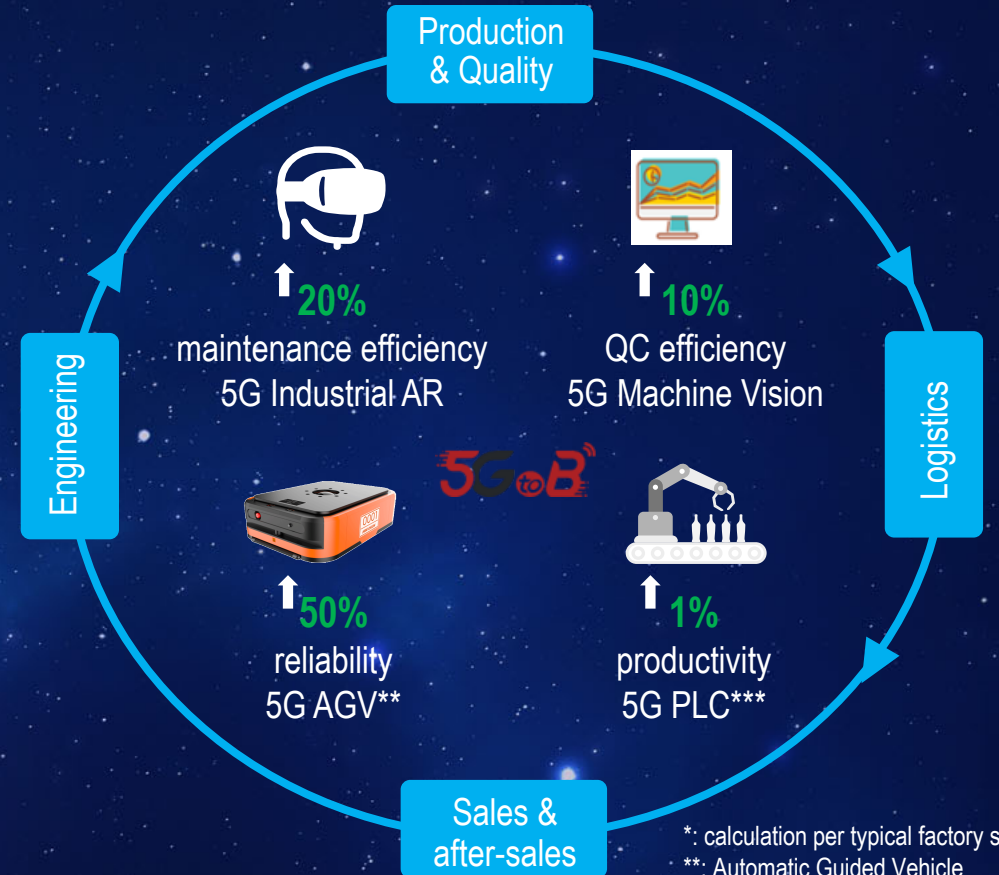
# The ecosystem is being fostered progressively to a commercial stage



# And there are more differentiation beyond 5G connectivity



## Value added Industrial application\*



\*: calculation per typical factory shop-floor  
 \*\*: Automatic Guided Vehicle  
 \*\*\*: Programmable Logical Control



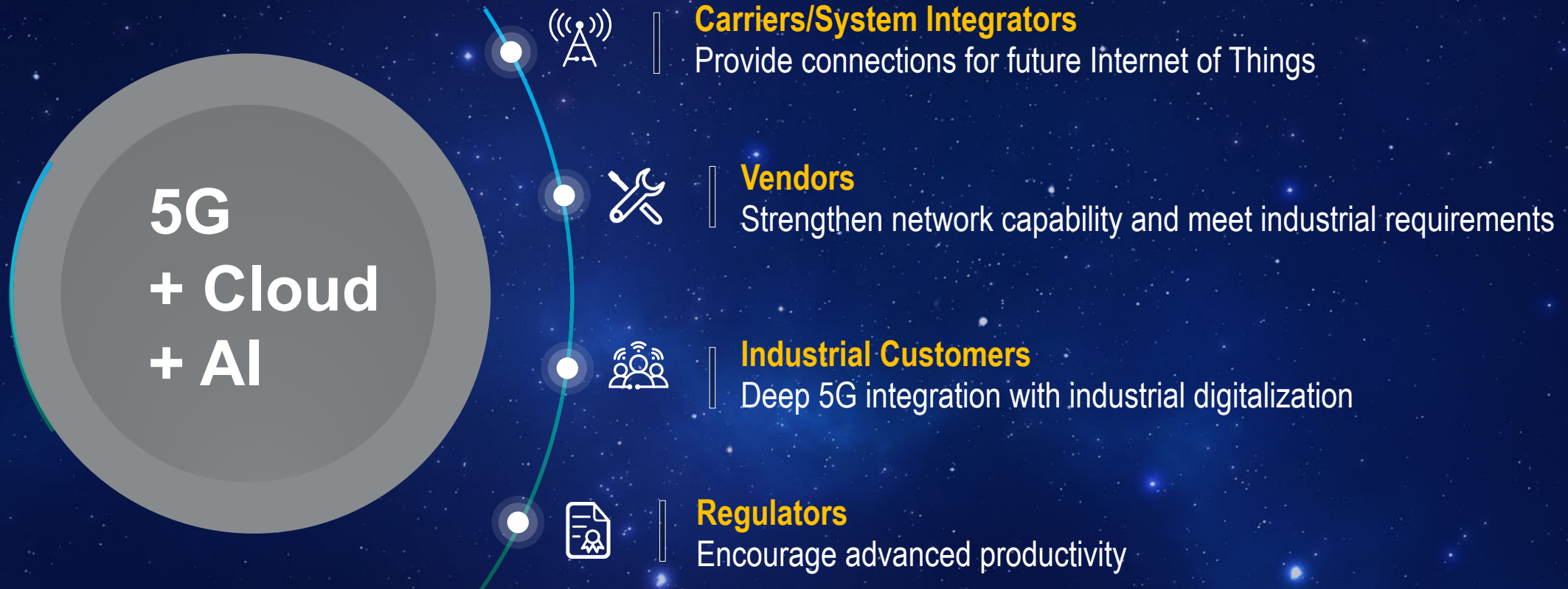
# Typical 5G industry application start to integrate rapidly

2020	2021H1	2021H2	
<b>5G AR Expert</b>	<b>5G Machine Vision</b>	<b>5G AGV</b>	<b>5G PLC</b>
Uplink 80Mbps*	Uplink 200~560 Mbps	Uplink 30Mbps; Latency 20ms	Latency 50ms
*: 100m*100m shop-floor			
Connected Workers to save intervention time	Quality Control to improve production yield	5G Geo-location for better Intralogistics	Remote PLC control for unmanned production
 <p>AR Remote Assistance Low latency high bandwidth</p> <p>AR glasses help workers get assistance</p>	 <p>5G+MEC Machine Vision on Automated Quality Testing</p> <p>High definition image taken by industrial camera is sent to the cloud</p>		 <p>Programmable Logical Controller over 5G for Remote Crane</p> <p>Remote Control Unmanned Crane</p> <p>PLC Controller</p> <p>High-risk operations of WFS&amp;Micro wave</p> <p>Low Efficiency</p> <p>Site--Room Manual--Auto Wireless--5G</p>

Source: Huawei trial video

Accelerating 5GtoB readiness with local Eco-Partners by validating the commercial E2E reliability

# Building 5G into a new power source with better ecosystem





# Huawei is being integrated for a best-of-suite 5GtoB to customers



Building a shared ecosystem to promote industry development



Developers



Standards & open source



Industry & alliances



Business alliances



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**Thank you.**

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