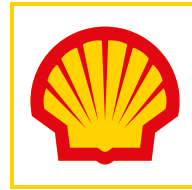
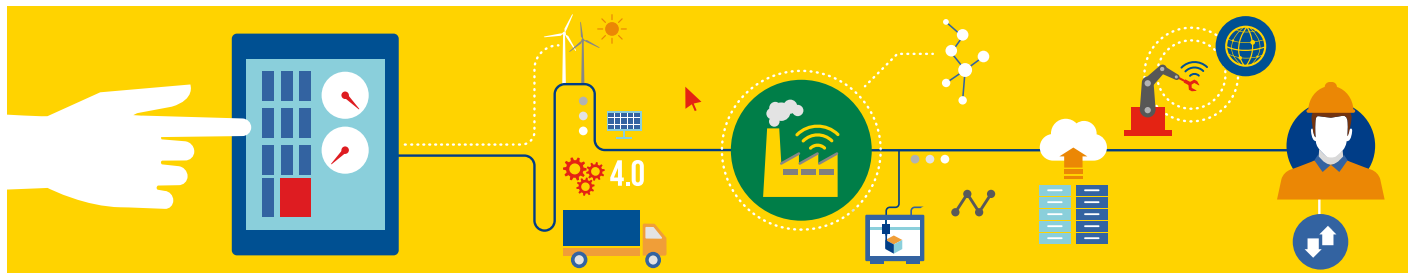


# EXPERTISE GAP AND LUBRICATION ISSUES HAMPER ADOPTION OF INDUSTRY 4.0 AMONG MANUFACTURERS



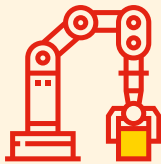
**Industry 4.0 explained** Technologies that support the digitisation and automation of manufacturing operations.



## COMPANIES ARE MOVING TOWARDS HIGH-TECH MANUFACTURING

**86%**

use at least one **Industry 4.0 technology** in their operations



**31%**

Connected equipment



**26%**

Robotics

**37%**

Cloud-based technologies



**46%**

Sensors

## 84% ANTICIPATE INDUSTRY 4.0 TECHNOLOGIES WILL RESULT IN SAVINGS

**32%**

believe 4.0 technologies could extend equipment life **by 10%+**



**57%**

believe they could reduce maintenance costs **by 5%+**



## YET THE INDUSTRY REMAINS CAUTIOUS AND FACES OBSTACLES TO PROGRESS

### PACE OF CHANGE

**65%**

are reluctant to invest in new technologies while current equipment is operational



### KNOWLEDGE GAP

**57%**

believe upskilling workers to operate new technologies will be challenging



### COST CONCERNS

**58%**

think costs outweigh the benefits



### LACK OF SENIOR SUPPORT

**55%**

feel senior managers don't understand the benefits of new technologies



## COLLABORATION IS KEY TO UNLOCKING NEXT-GENERATION MANUFACTURING

### NOWHERE TO TURN

**61%**

feel there is a lack of trusted third-party experts to provide support



### LUBRICATION EXPERTISE IS IN DEMAND

**78%**

will look to their lubricants supplier for training



**93%**

agree new technologies will impact lubricant needs, but **only 42%** would focus more on lubricant quality.

**Advice on improving lubrication to help extend equipment life will help set operators up for success.**

Learn more at: <https://www.shell.com/business-customers/lubricants-for-business/manufacturing.html>

Statistics used in this infographic are based on a survey, commissioned by Shell Lubricants and conducted by research firm Edelman Intelligence, based on 400 interviews with Manufacturing sector staff who purchase, influence the purchase or use lubricants / greases as part of their job across 8 countries across Europe (France, Italy, Poland, Germany, UK, Turkey, Netherlands, Spain). Fieldwork was conducted in two waves, with fieldwork for Wave 1 countries (Germany, UK) conducted in March-May 2018, and fieldwork for Wave 2 countries (France, Italy, Poland, Spain, Netherlands, Turkey) conducted in November-December 2018. For more information, please visit [www.edelmanintelligence.com](http://www.edelmanintelligence.com)