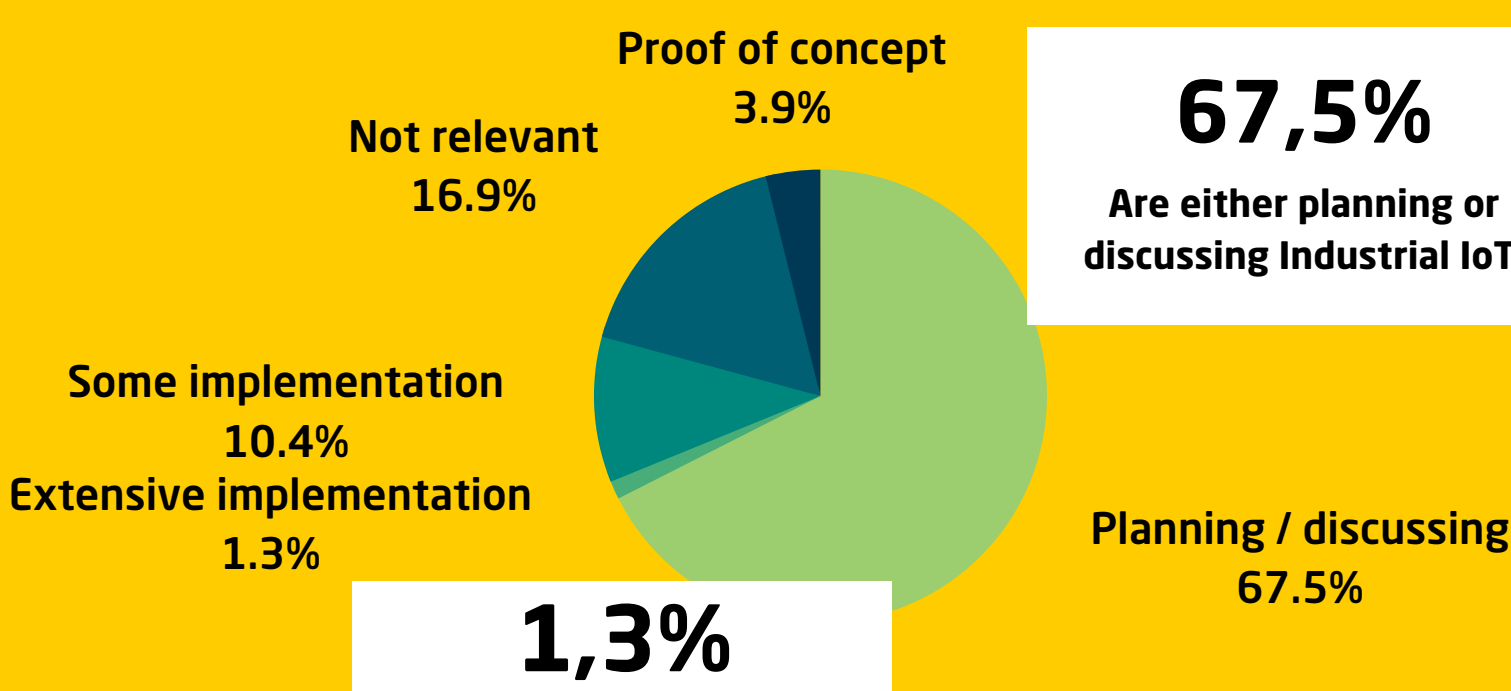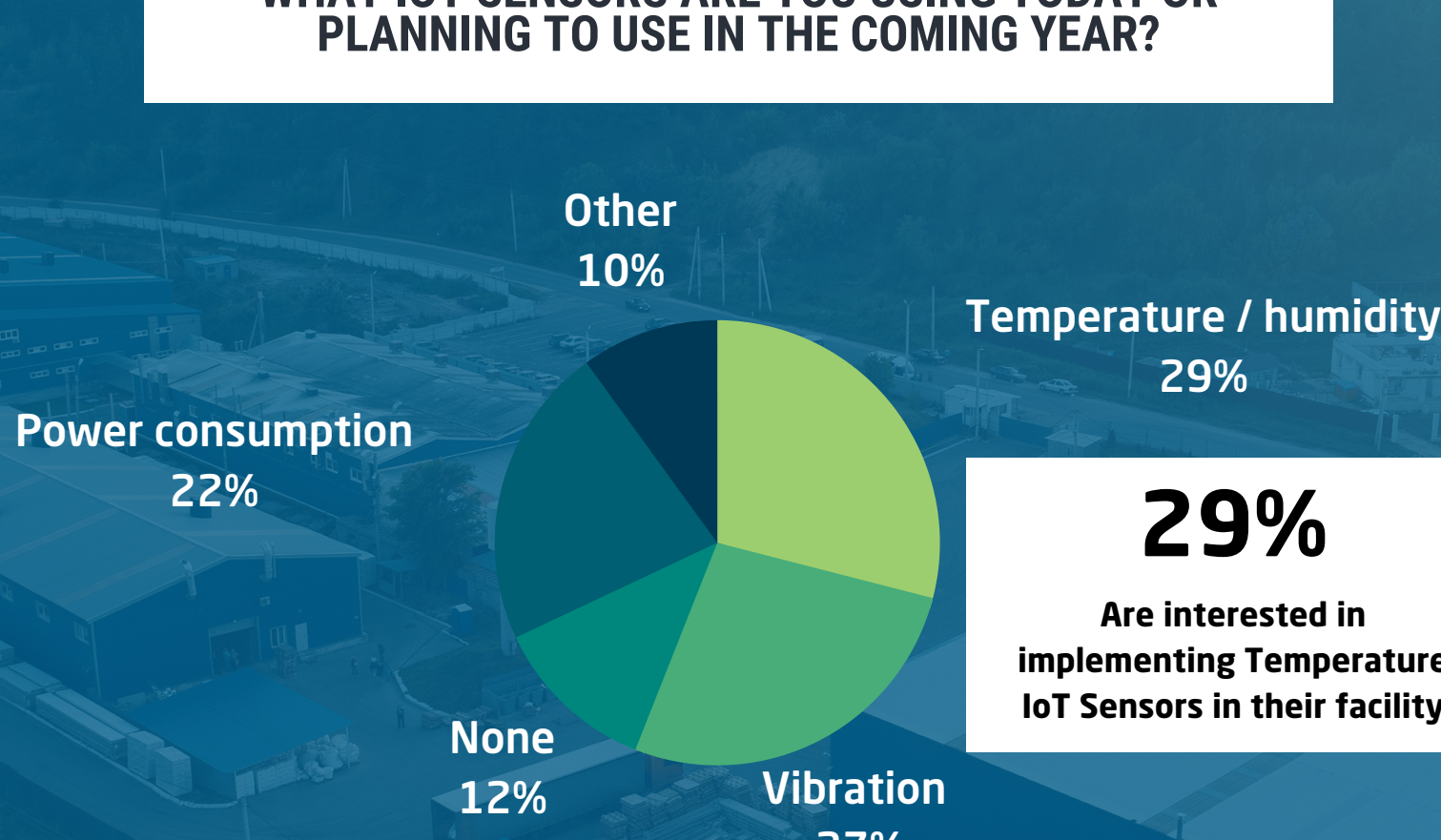# What do Maintenance Professionals REALLY think about industrial IoT?

Data from an Industrial IoT survey on production equipment in energy, food & beverage and manufacturing
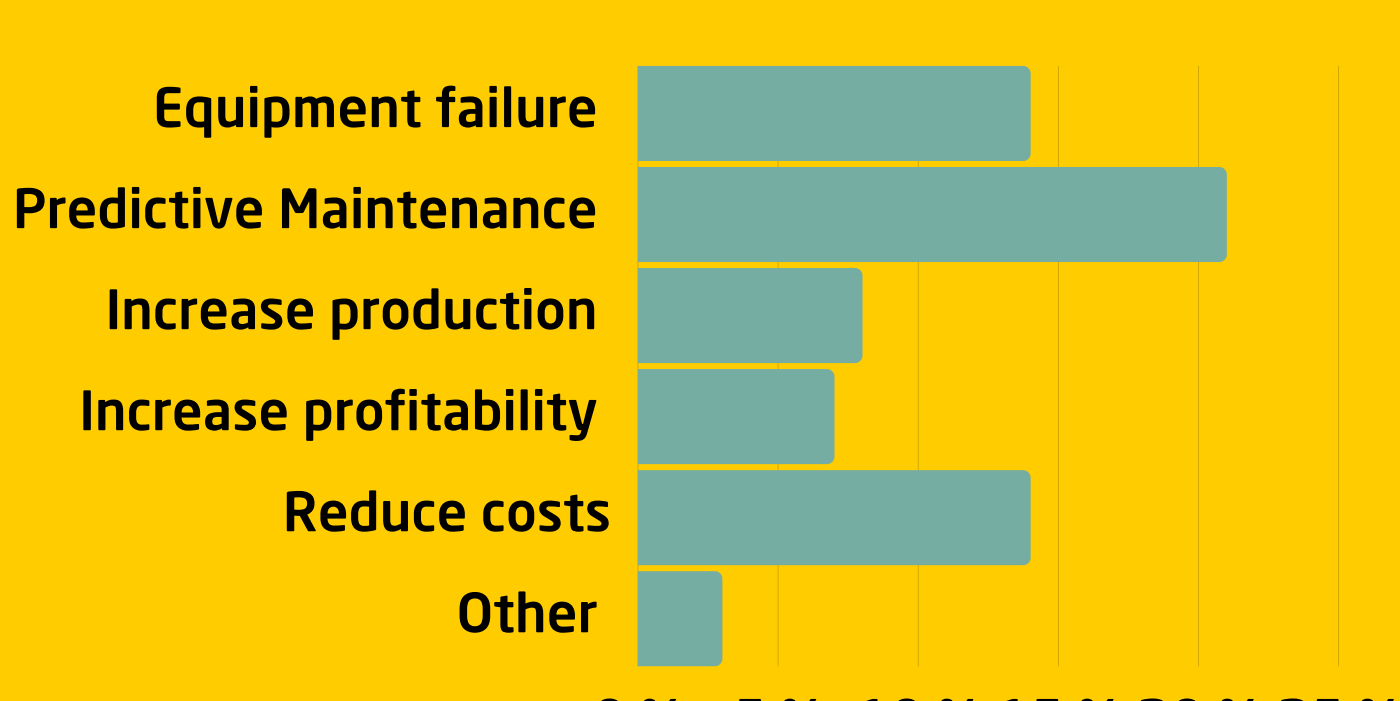
AT WHAT STAGE ARE YOU USING INDUSTRIAL IOT TODAY?

Proof of concept 3.9%
Not relevant 16.9%
Some implementation 10.4%
Extensive implementation 1.3%
Planning / discussing 67.5%

67,5%
Are either planning or discussing Industrial IoT

1,3%
Have extensive implementation project in place

WHAT IOT SENSORS ARE YOU USING TODAY OR PLANNING TO USE IN THE COMING YEAR?

Other 10%
Temperature / humidity 29%
Power consumption 22%
None 12%
Vibration 27%

29%
Are interested in implementing Temperature IoT Sensors in their facility

WHAT ARE YOU USING IOT SENSORS DATA FOR TODAY OR PLANNING TO USE IN THE COMING YEAR?

Equipment failure
Predictive Maintenance
Increase production
Increase profitability
Reduce costs
Other

0 % 5 % 10 % 15 % 20 % 25 %

WHAT'S THE BEST THING ABOUT INDUSTRIAL IOT?

The ability to remotely monitor system status and predict failures

It gives the equipment/objects a voice to tell us their faults.

Reliability, consistency, cost reductions, safety.

WHAT'S THE WORST THING ABOUT INDUSTRIAL IOT?

Skills gap in traditional engineering roles.

A lot of data, no information.

The worry about security.

I don't feel the algorithms are as robust as promised - in terms of highlighting impending equipment failures.

WHAT IS YOUR ADVICE TO OTHERS WHO PLAN TO IMPLEMENT INDUSTRIAL IOT?

✓ Do your research before you commit to IoT implementation project.

✓ Be specific in objectives. Have a plan with goals and deliverable outcomes.

✓ Find a supplier who can supply case studies and references.

✓ Test one system at a time, before you commit to a full project implementation.

REDUCING THE CHANCES OF FAILURE

Industry 4.0, digital transformation and digital twins. These terms have been flying around for a while now. However, many organizations are not rushing towards it. Why?

The results from Dynaway research prove that many organizations are highly interested and motivated to implement IoT but they do not feel that the IoT industry is 100% ready yet. Concerns like IT security, disorganized data, unreliable suppliers, internal resources & a lack of skills are just several worries that companies have. Whilst they would like to achieve better results with IoT, not everyone in industry is convinced that they will be able to achieve the ROI.

This is because many Industrial IoT projects fail. That's been a disappointing fact of life so far for many organizations on the IIoT and industry 4.0 journey to digital transformation and operational optimization.

A Cisco survey conducted by Beecham Research revealed that 74% of IoT projects in the US, UK and India were considered failures. On top of that, Microsoft's IoT Signals Report identified that 30% of IoT projects fail to get past the proof-of-concept stage.

Industrial IoT is still in its early days. It is expensive to buy and implement. However, let's understand a little better why they fail and what we can do improve our chances of success.

FREE GUIDE
Why do IoT Projects Fail and How to Avoid It?

READ NOW

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