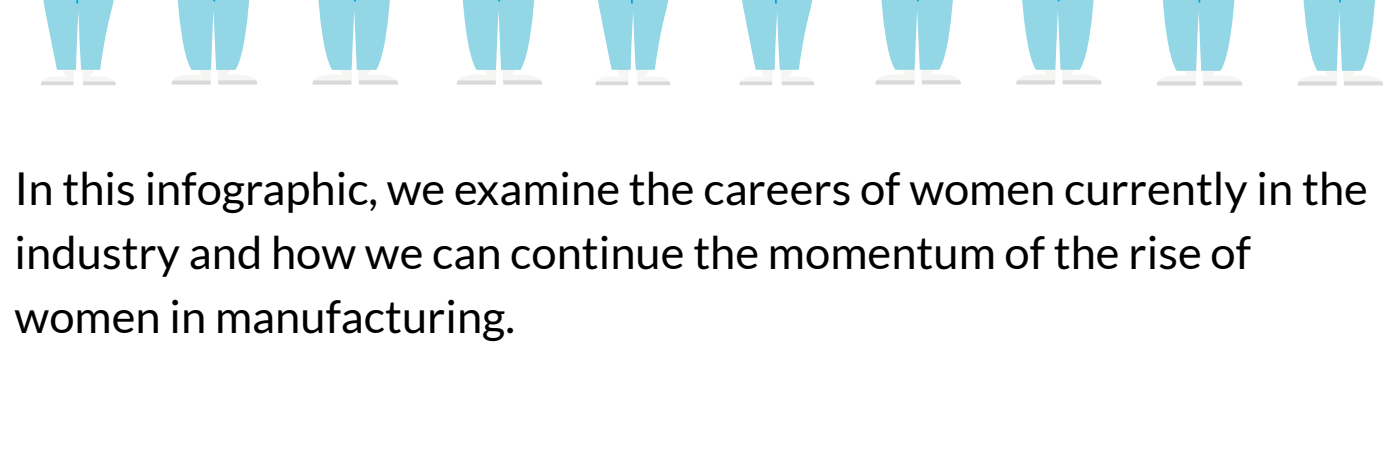


THE 29% RISE OF WOMEN IN SEMICONDUCTOR MANUFACTURING

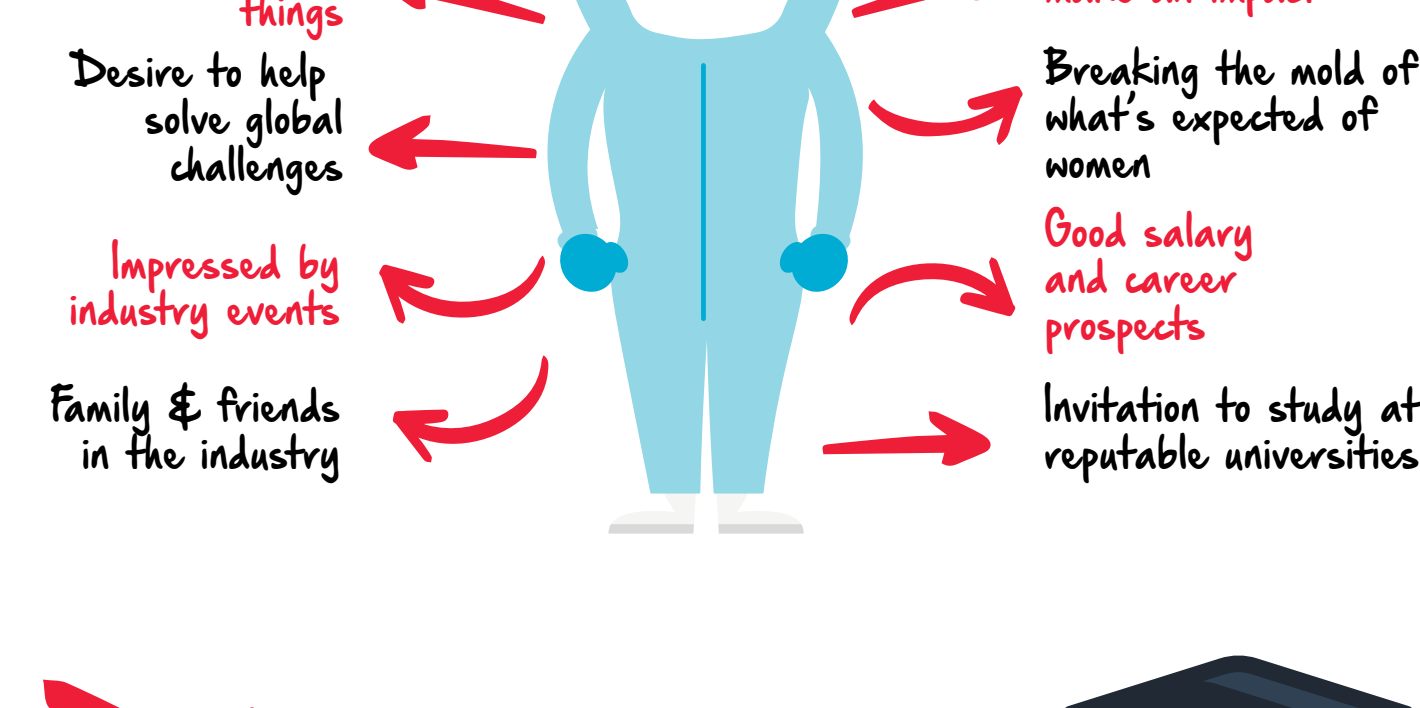
The popular perception is that the manufacturing industry is exactly that - **man**ufacturing. Historically a 'man's world', the industry now reports that the growth rate of female engineers entering the workforce is 3x that of men!

Women make up 47% of the US labor force, and 29% of manufacturing employees. This percentage is the highest it's been in the last decade - and with ongoing technological evolution driving a fourth Industrial Revolution, it's expected that this percentage will continue to grow.



In this infographic, we examine the careers of women currently in the industry and how we can continue the momentum of the rise of women in manufacturing.

WHAT INSPIRES WOMEN TO PURSUE ENGINEERING?



1 out of 7 women at university pursue engineering degrees

WHAT DO THEY CHOOSE TO STUDY?

- Mechanical Eng.
- Chemical Eng.
- Civil Engineering
- Biomedical Eng.
- Computer Science
- Industrial/Manufacturing
- Electrical Engineering
- Computer Engineering
- Environmental Engineering
- Materials Engineering

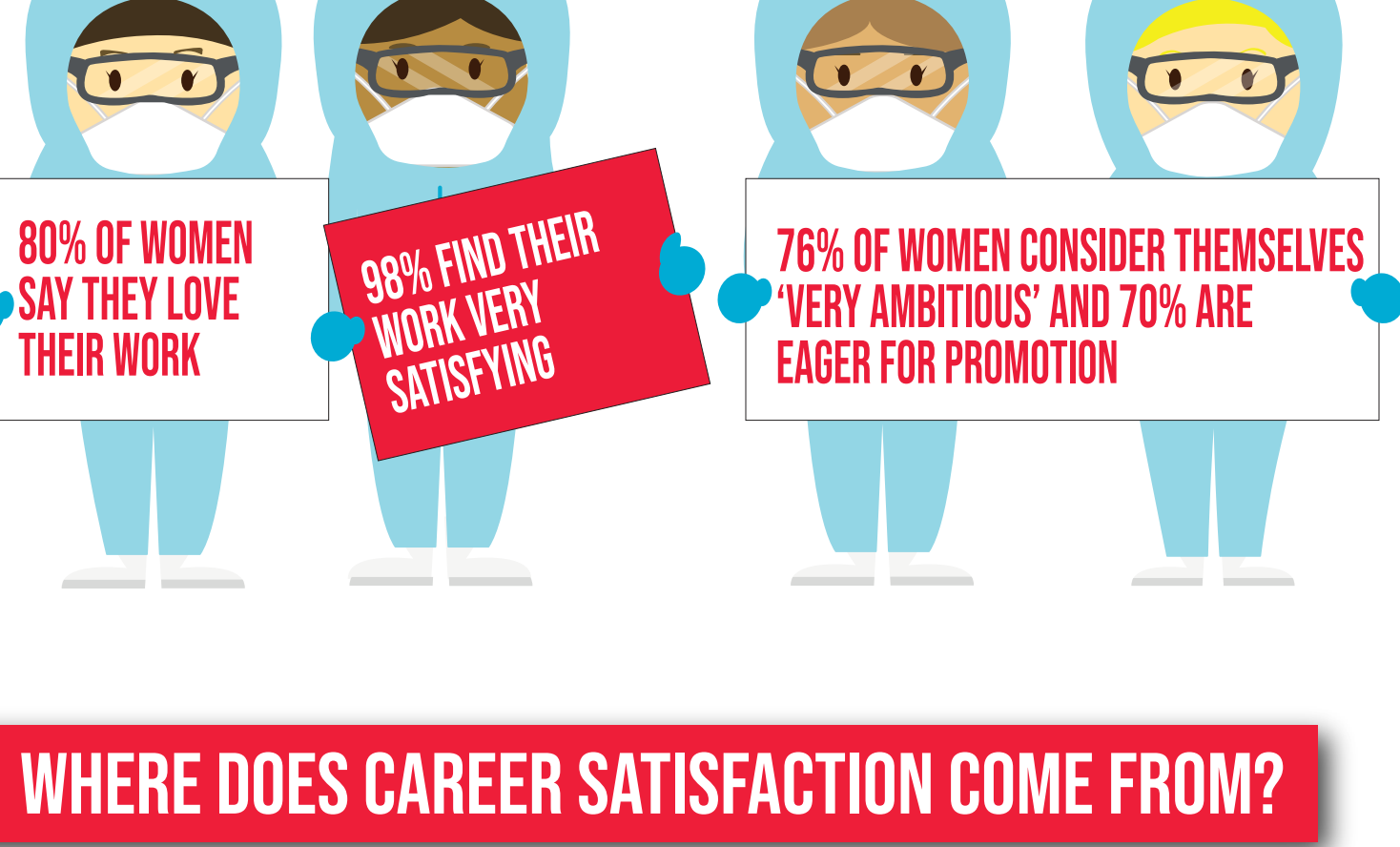


ON THE JOB

The US manufacturing industry supports 17.6 million jobs and is the 9th largest contributing factor to the economy. For every dollar spent in manufacturing, approximately \$1.37 is added to the US economy.

Workers in the manufacturing industry are paid 12% more than the national average - so for the career-focused and ambitious women in engineering, being a part of such a strong industry is a no-brainer.

So what do the women on-the-job actually say about their work?



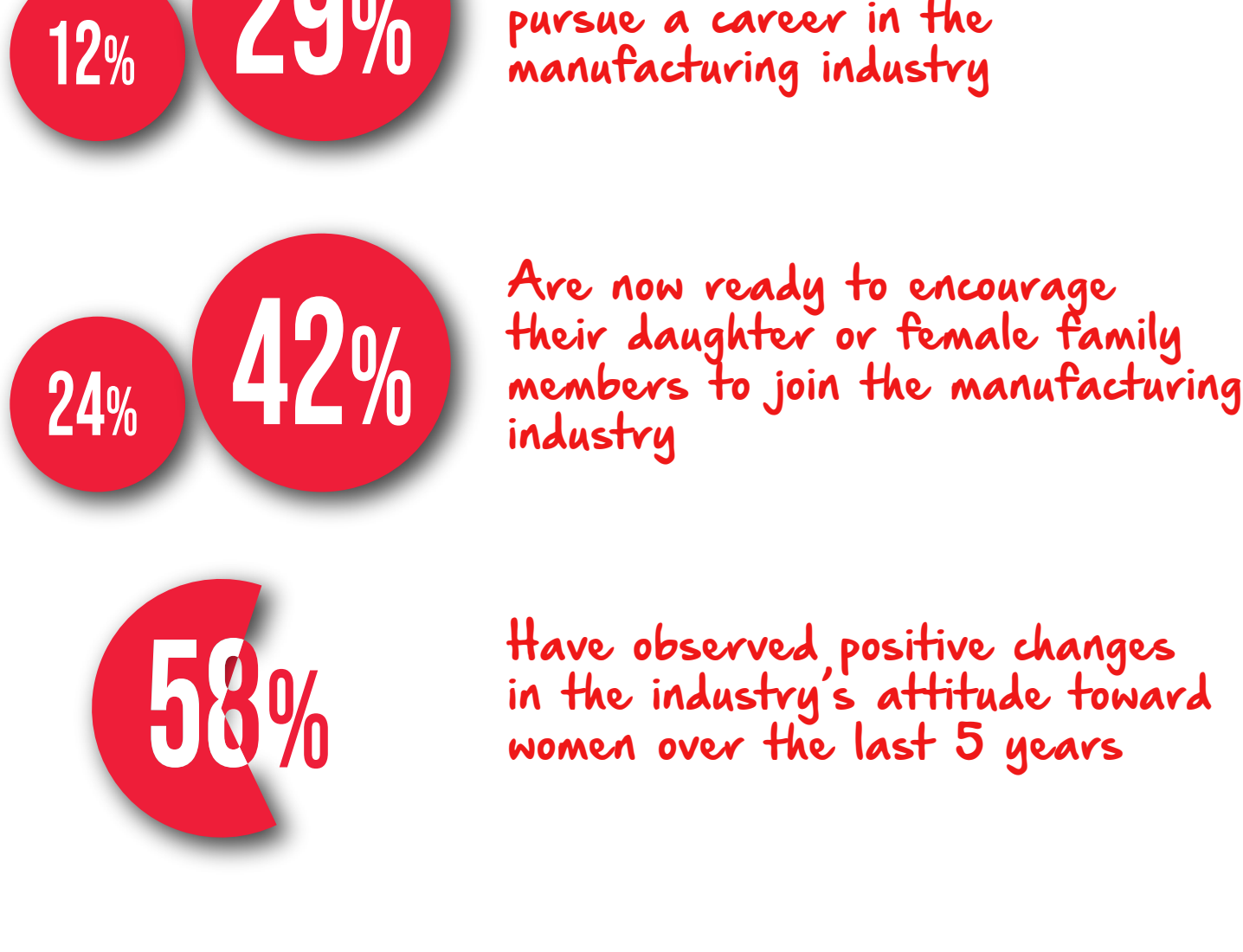
WHERE DOES CAREER SATISFACTION COME FROM?



WHAT ABOUT THE NEXT GENERATION OF ENGINEERS?

Diversity recruitment initiatives, events, and programs to help mentor women in engineering show that the manufacturing industry wants to encourage women to join and remain in the industry - and people are starting to take notice.

Women in Semiconductors event attendance tripled to 150 this year from 50 in the first year and positivity about the next generation joining the industry has increased immensely over the last 4 years.

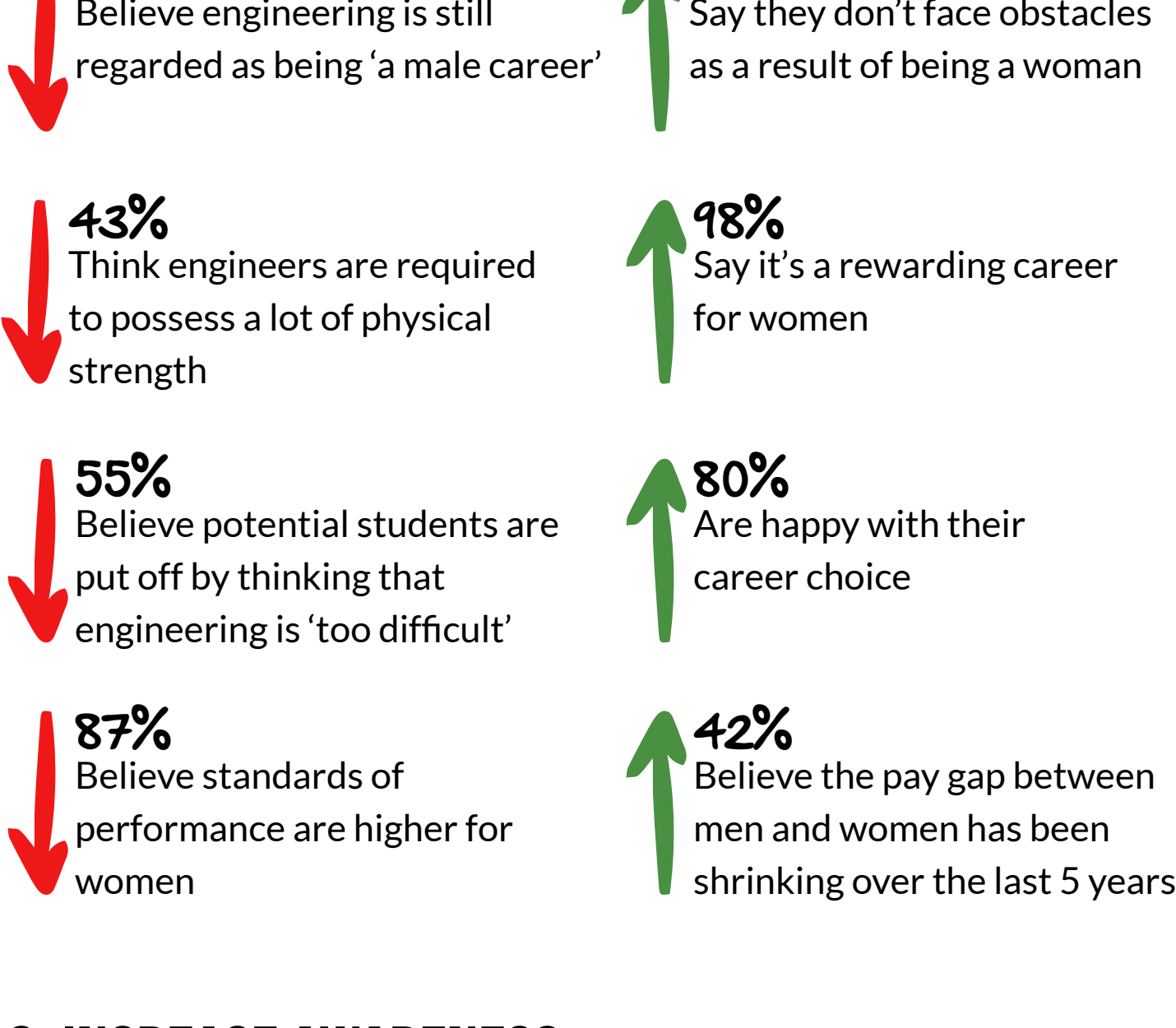


HOW CAN WE CONTINUE THE MOMENTUM?

Women surveyed by Atkins and Deloitte were asked their thoughts on how best to manage the perceptions of the manufacturing industry and make it more appealing to younger women entering the workforce.

The primary suggestions were related to increasing awareness about a career in engineering and what options are available to job seekers. Additionally, women in engineering feel it's important to dispel some of the common myths about working in the industry.

1. DISPEL MYTHS & CLOSE THE GAP



2. INCREASE AWARENESS

86% Believe a greater understanding of what an engineer does on the job would help improve industry perceptions.

77% Think an increased awareness on the wide range and variety of engineering careers is needed.

56% Want to see more women speakers in schools.

These findings show that engineering isn't seen as a viable career option for many young women due to a lack of information and understanding.

Where there isn't an inspirational family member, teacher or role model, girls aren't aware of what the women who are in engineering already know is a rewarding, fulfilling and balanced career.

3. TEACH, INFORM, INSPIRE

Are you ready to be a part of the 29% and inspire the next generation of women in manufacturing? Join the Retronix Semiconductor team and become a role model for future engineers.

Join the team >

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