



HEXAGON

Empowering makers

Pushing the boundaries of smart manufacturing

We are only as innovative as the ideas we make real.

Let's redefine what's possible, **together.**



Hexagon: Innovation in our DNA

We are a global leader in sensor, software and autonomous solutions committed to empowering a sustainable autonomous future.

We are committed to



Delivering
innovation



Empowering
autonomy



Advancing
technology



Accelerating
sustainability

Here to stay



50 countries



3,700+ patents



4,000 R&D staff

Every year Hexagon technology touches



95% cars



90% planes



75% smartphones

Unique solutions for industry



Aerospac



Automotive



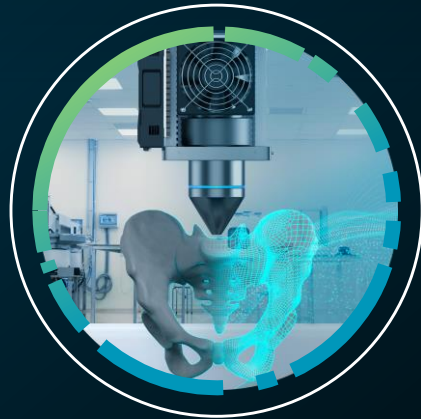
Electronics



Heavy equipment



Energy



Healthcare and life sciences



General manufacturing



Rail

Empowering makers

Makers shape our world. Define the way we live. Constantly strive for improvement.

Hexagon exists to empower makers to shape a better future – collaborating with designers, inventors, engineers, researchers and manufacturers, and providing the tools to unlock innovation and solve the challenges of today.

Together, we can create a better tomorrow.



Hexagon: Empowering makers



Possibility redefined

Imagine if you could rethink what is possible *entirely*.

Partnering with Hexagon, you can close the loop on ideas, production and real-world use — elevating the performance of anything you create.

This isn't just imagination made real, it's possibility redefined.

Imagination meets **optimisation**

Ideas are incredible, but they truly defy possibility when powered by data and technology. Hexagon solutions bridge the imagined and the made. Optimise ideas, designs, materials, process, production and performance – then continue to optimise with **real-world feedback**.



DREAM THE IMPOSSIBLE



MAKE THE UNMAKEABLE



SEE THE UNSEEN

Accelerating transformation

Everyday manufacturing problems limit our ability to dream big.

Hexagon harnesses data and technology to solve the challenges holding you back so you can bring future shaping ideas to life, today.

Let's see what we can achieve, together.

Bridging challenge and opportunity

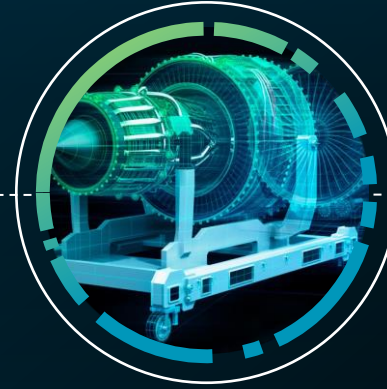
All your frustrations solved at once. All your ideas ready for market.

APPROACH

Put your data
to work



Fuse digital and
real words



Automate
processes



OUTCOMES

Optimise costs
Increase efficiency
Improve sustainability

Test virtually
Unlock innovation
Gain speed to market

Eradicate errors
Harness scalability
Redeploy skilled staff

SHAPE YOUR INDUSTRY



Make the difference

In a world out of balance, we believe makers can make the difference.

Hexagon solutions empower makers to innovate and optimise like never before. Make better products in better ways, slash energy and material use, improve everything from design and material selection to end-of-life planning.

Bring your big ideas to life. Make better.

Smart manufacturing

Sustainable outcomes



Putting data to **work**

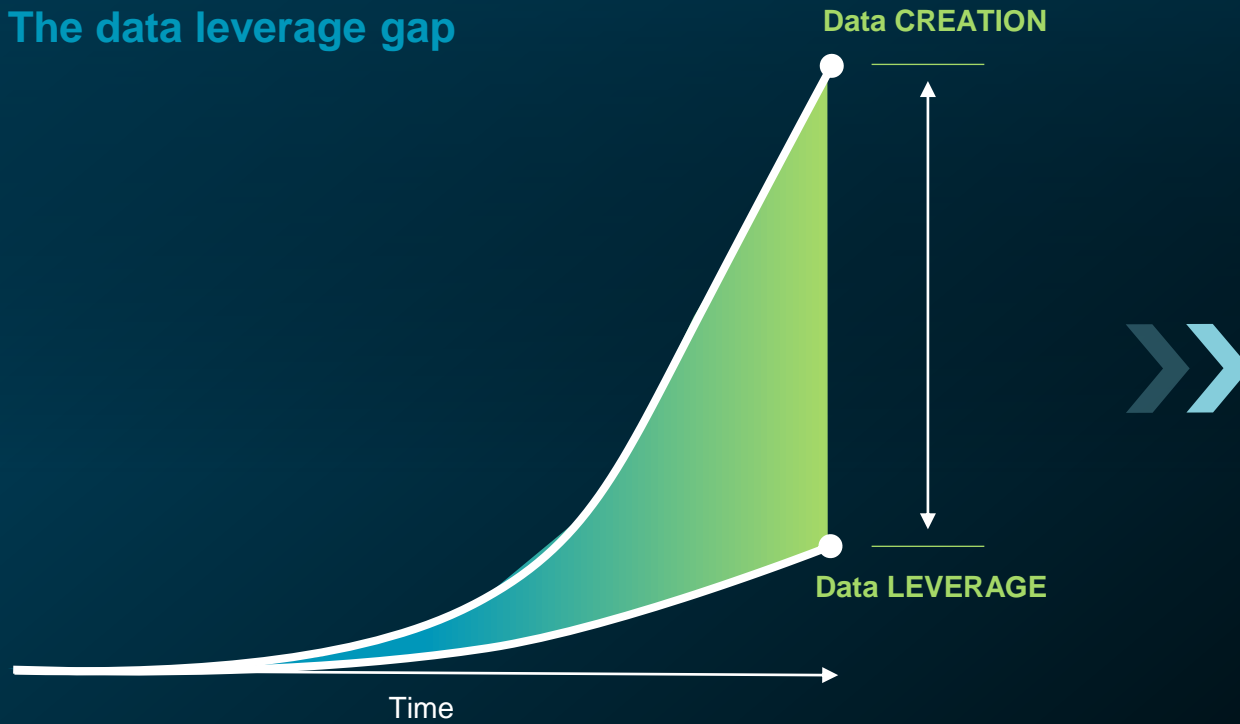
Unless you can feel its power, data is holding you back.

Together, we can unlock the power of data you already generate, harnessing it to optimise your operations.

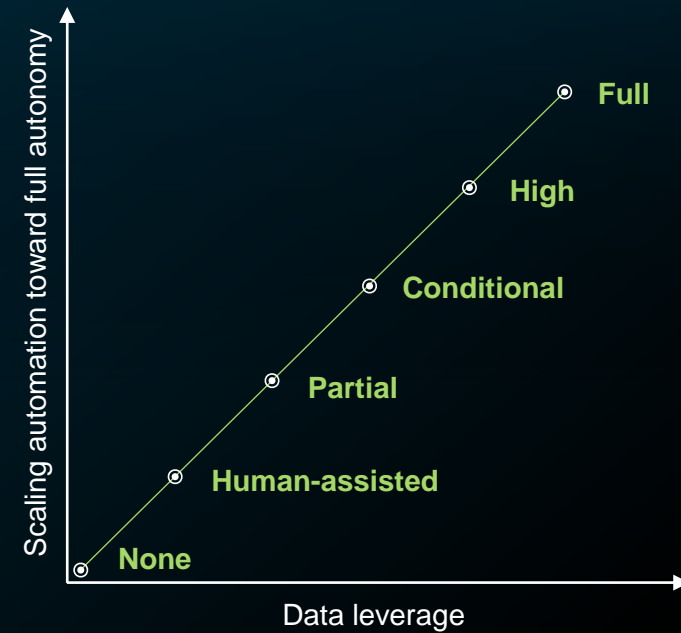
Say hello to a new era of possibility.

Harness data, gain leverage

The data leverage gap



Autonomous leverage of data





Fusing digital and **real** worlds

The only thing more exciting than pure untapped potential is the ability to bring it to life.

Rich, engaging, immersive and real, our **Smart Digital Reality™** is so much more than a simulated test playground or digital copy – it is the data-driven intersection of real world and metaverse. Delivering more context and greater actionability.

It might just be the most dynamic, powerful tool in history.



Smart Digital Realities in manufacturing

Imagination made **real**

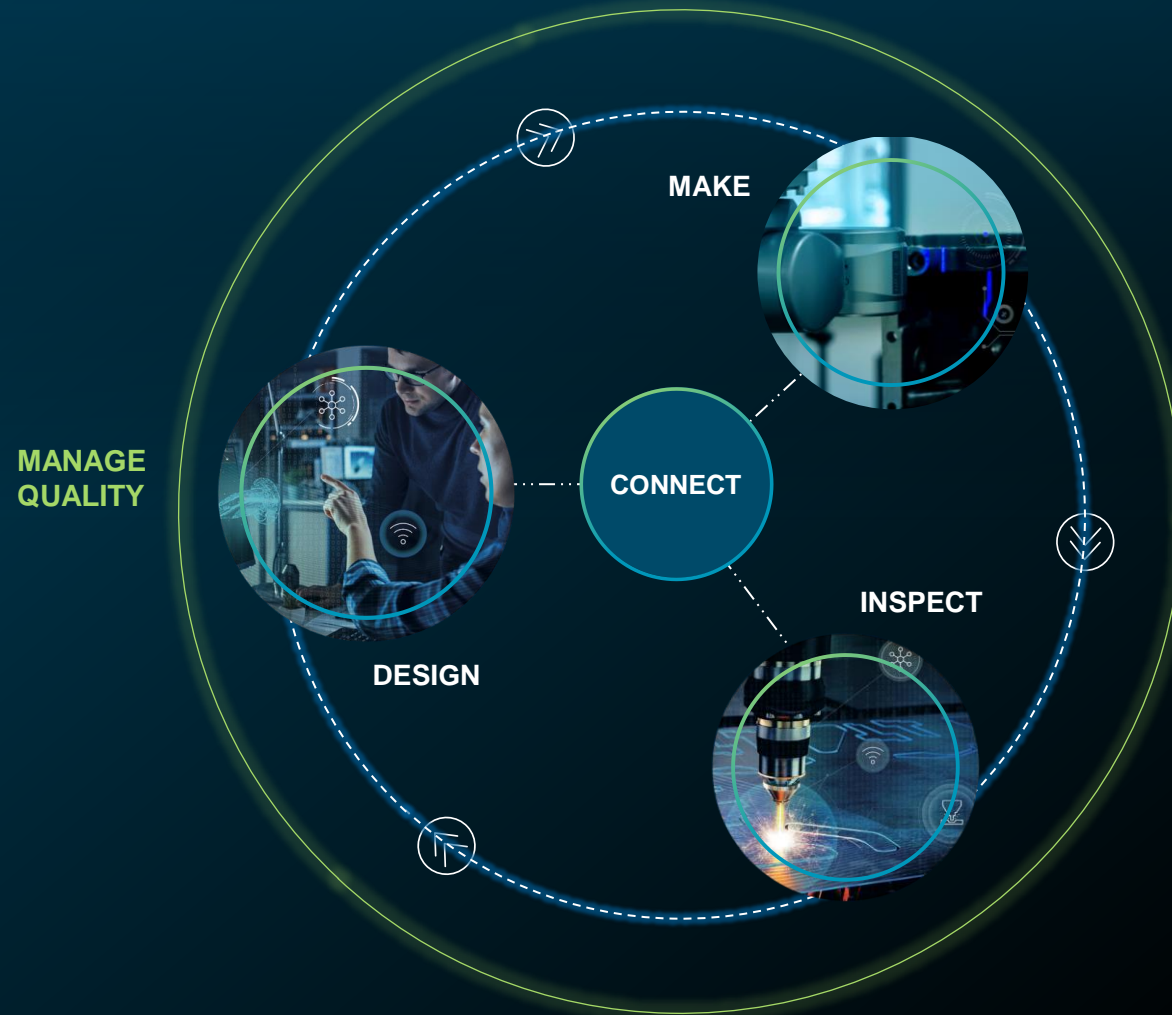
From idea to service life, our solutions exist to give you new capabilities.

Hexagon can empower you to close the loop between concepts and real-world usage.

Break new ground. Outperform your sector. Change the game.

Unlock your potential

Gain complete oversight. Feel the power of **connected data**. Our holistic portfolio has you covered from design and procurement to inspection and quality management.



Design and engineering

Our **design and engineering solutions** use CAE simulation software to accelerate product development innovation, embedding quality into product design, reducing prototyping and testing, and ensuring downstream manufacturability and productivity.



Capabilities

- Structures
- Acoustics
- Virtual manufacturing and costing
- Materials and ICME
- System dynamics
- Computational fluid dynamics
- Autonomous and ADAS simulation
- Multiphysics co-simulation
- Applied solutions

Production

Maintain design intent throughout the product lifecycle – our **production solutions** include CAD CAM and CNC simulation tools developed to deliver quality components with maximum efficiency and productivity. Our in-process metrology-assisted manufacturing solutions help move production closer to right-first time.



Capabilities

- Production machining
- Mould and die design and manufacturing
- Sheet metal fabrication
- Woodworking and stone cutting
- CNC simulation
- Manufacturing project management
- Metrology-assisted manufacturing
- In-process inspection
- Machine calibration

Metrology and inspection

Our **metrology and inspection solutions** range from CMMs to portable measuring arms, laser trackers and structured light scanners, hand tools and automated solutions, supported by dimensional metrology and CT software. They capture real-world data for positioning and inspection, providing actionable information that continuously improves efficiency, quality and productivity.



Capabilities

- Dimensional inspection and analysis
- Statistical process control and analysis
- CT analysis
- Automated inspection
- Robot calibration and simulation

Quality management

Push further and make change happen. Designed with **agility in mind** ETQ Reliance® is a platform comprising 40+ best in class applications. Create connected ecosystems that boost quality, productivity, decision making and efficiency through analytics, automation and AI/ML.



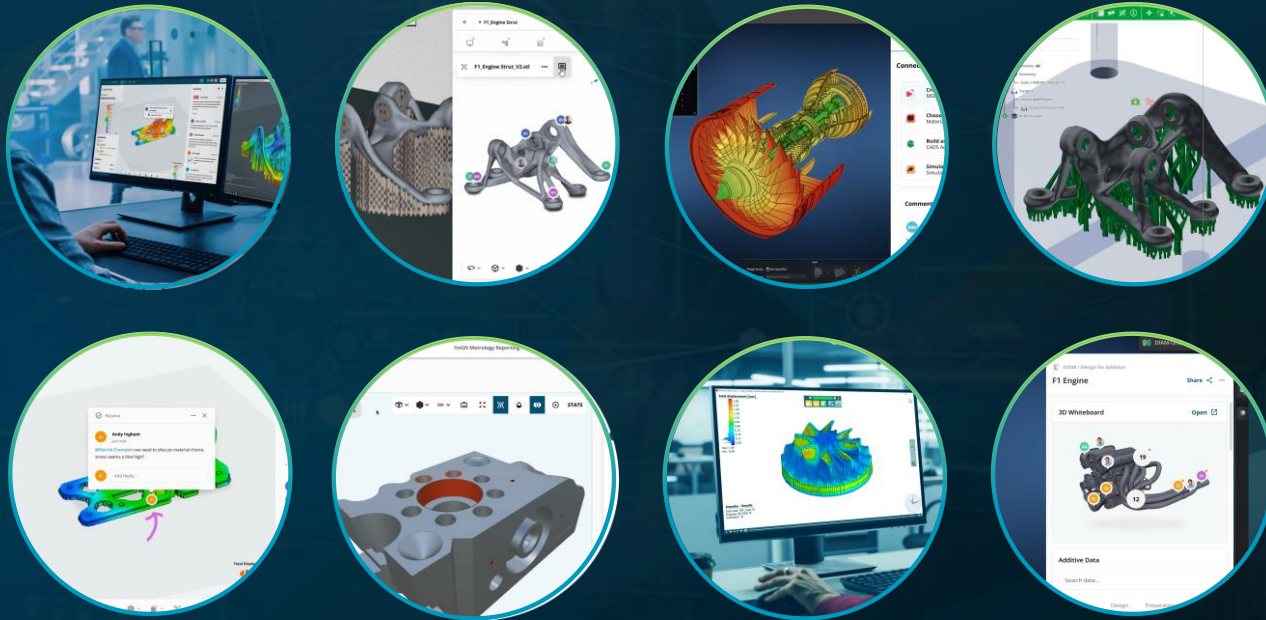
Capabilities



- Manage supplier quality
- Drive compliance at scale
- Reduce cost of poor quality
- Speed decision velocity
- Accelerate time to market
- Core quality applications:
 - Training management
 - Document control
 - Corrective action (CAPA)
 - Audit management
 - Nonconformance
 - Quality analytics
 - Risk assessment
 - Advanced analytics

Digital reality platform

Nexus **empowers teams** by connecting people, technologies and data from multiple sources to offer unprecedented access to information through insights and real time collaboration



Capabilities

ne:us

- Open platform for innovation
- Real-time collaboration across disciplines
- Connects data sources and insights
- Connected workflows, increased agility, optimised processes
- Centralised apps and app development
- Compute, visualisation and AI / ML
- Access to software trials and ecommerce
- Community forums and support

Structured for your **success**

Empowering makers to succeed requires more than big ideas – it requires feet on the ground, roots in reality and support infrastructure you can depend on when it counts.

Hexagon is global and local, at your side and there when needed.



Globally minded, locally invested

INNOVATION

at scale

15-20% of revenues for R&D

~1,200 FT R&D employees

Thousands of active patents

Complementary emerging tech through acquisitions (30+ in 22 yrs)

EXPERTISE

in manufacturing

More than **500,000** software licences installed, **15,000** devices shipped in 2022

Over **1,500+** software developers and engineers

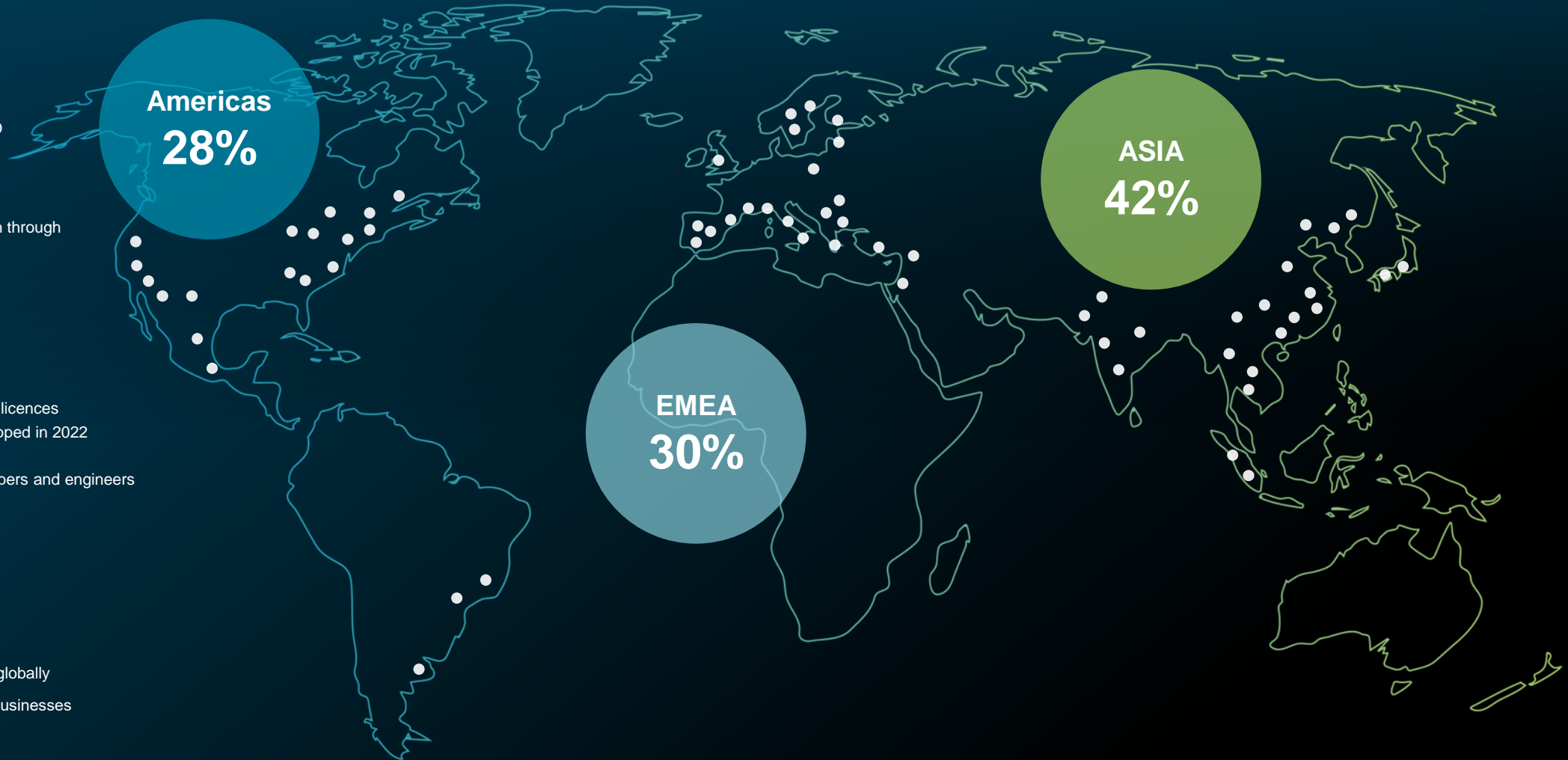
STABILITY

that is proven

Reached **€2bn** (2022)

More than **9,000** employees globally

Increasing role in customers' businesses



A handshaking couple in front of a wind farm and solar panels. The background is a dark blue overlay with a faint image of a handshaking couple in the foreground. In the background, there are wind turbines and solar panels. The overall tone is professional and collaborative.

The power of partnership

We aim to be a great partner – an extension of your team.

Our experts share insight to add value to your projects, collaborating with you at every step of your transformation.

Let's see what we can achieve, together.

It's an ethos

Transformation doesn't happen overnight. **Lean on us.**

We start where you need to



We are innovating to add Incremental value where you need it most, and transform complete processes when you are ready.

We are open



We connect your digital ecosystem with vendor neutral strategy and open interfaces, working with your suppliers to solve your problems together.

We share your challenges



We know manufacturing, from design and engineering through production to product. Through our knowledge and expertise, we add value and understand your problems at every stage.

Manufacturing innovators **depend** on Hexagon

Automotive



Aerospace



Electronics



Life sciences



Energy



Heavy equipment



Thank you.



HEXAGON

