



Keeping S&C Renewals affordable

A Manufacturer's perspective

Progress Rail
A Caterpillar Company

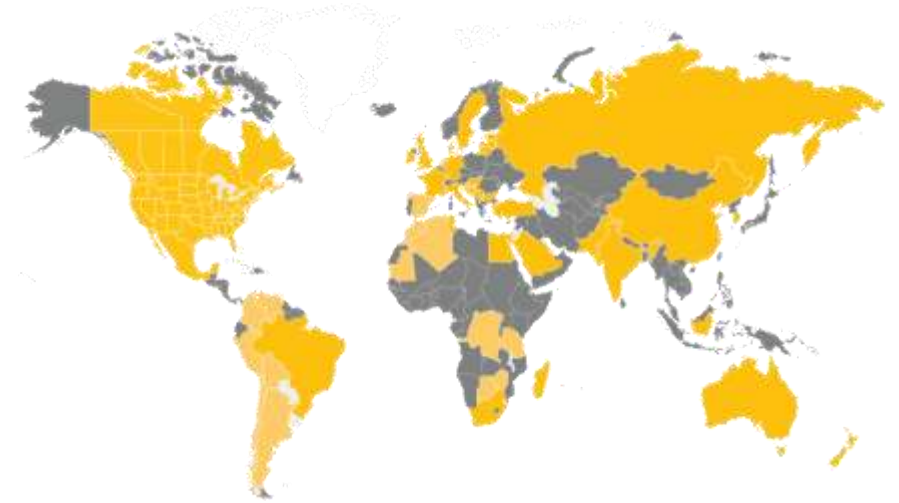
We keep you rolling.



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Progress Rail Services - A Caterpillar Company

- **Global Rail Leader:** One of the largest integrated and diversified providers of rolling stock and infrastructure solutions for the global rail industry.
- **Comprehensive Solutions:** Advanced EMD® locomotives, engines, railcars, **trackwork** (aka **S&C/P&C!!**), fasteners, signalling, rail welding, and Kershaw® Maintenance-of-Way equipment.
- **Service Portfolio:** Locomotive and freight car repair, aftermarket parts support, recycling operations, and predictive analytics technology.
- **Global Reach:** 200+ operations in 19 countries, serving customers worldwide with over 7,000 employees.
- **Sustainability:** Industry-leading recycling and battery electric locomotive initiatives. In it for the long-haul !
- **Legacy:** Over 42 years of organic growth and strategic acquisitions, now part of Caterpillar's Energy & Transportation group with a 100 year innovative industrial legacy to leverage.
- **Commitment:** Dedicated to quality, innovation, and lifelong customer relationships.



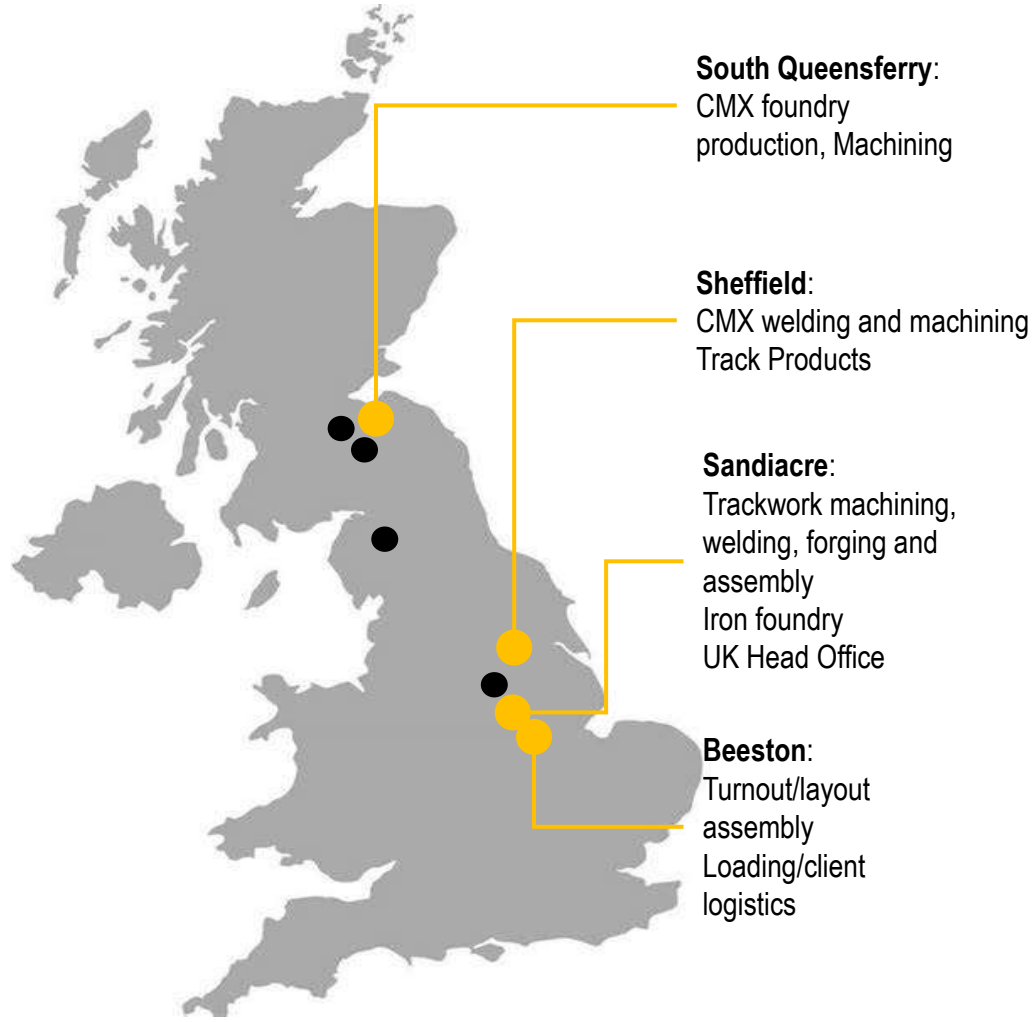
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Progress Rail Services UK – Vertically integrated S&C supply



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Keeping S&C Renewals Affordable – Key Challenges

Total Point Ends

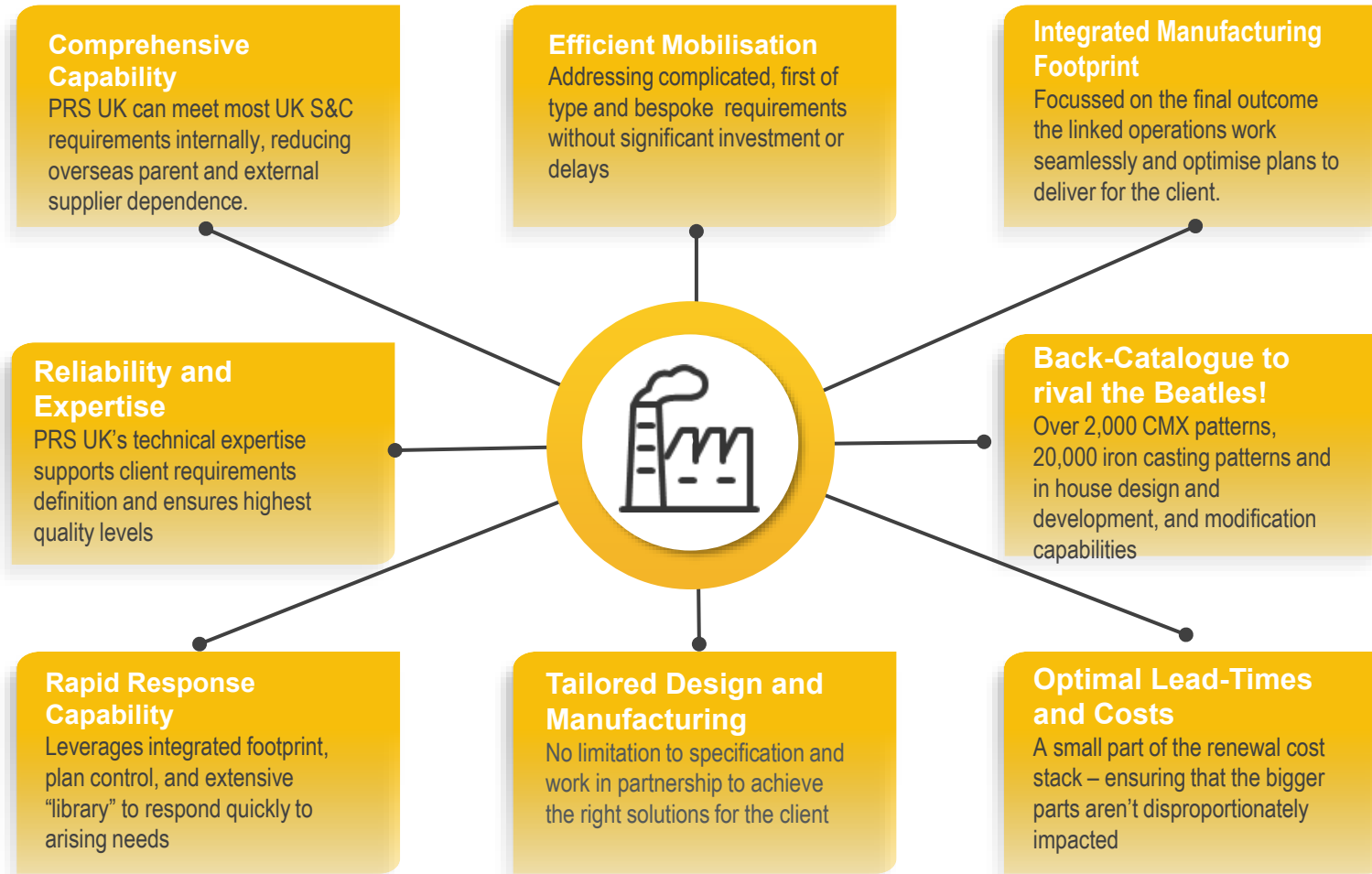
Unit Price Trend vs. Inflationary Trend

Resources

Capital Investment



Keeping Renewals Affordable – Dedicated UK supply and Legacy



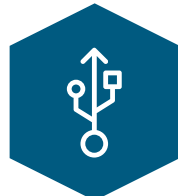
Keeping Renewals Affordable – Improvement Opportunities



RATIONALISE

“HEAVY MAINTENANCE”

- Lower costs and faster delivery
- Efficiency gains with client managing installation in-house
- Partial S&C layouts extending asset life, often used in complex junctions
- Joint site visits ensure correct dialogue and identify accurate and specific requirements
- Old geometrical issues identified and resolved during planning
- Tilting lorry panel deliveries, reducing site work and risk
- 1:50 scale layout drawings and CAD models provided for approval and maintenance records



SIMPLIFY

EARLY DESIGN SUPPORT

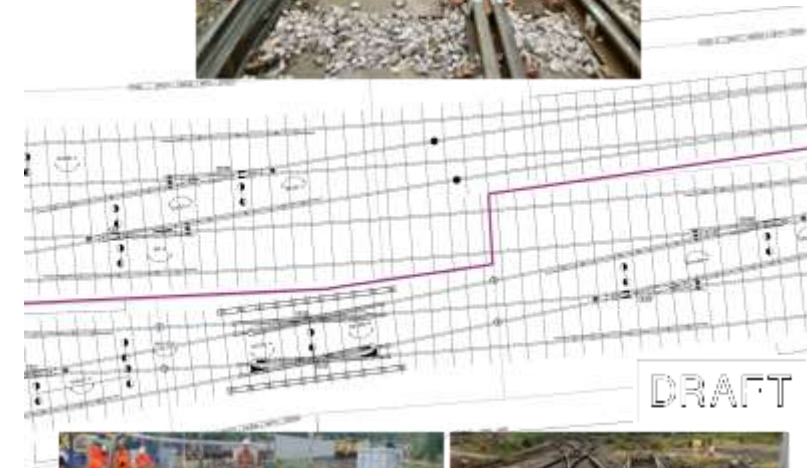
- Provide simplified initial design outlines as 'Skinny Drawings'
- Early identification of key items, positions and alignments for overlay
- Feed directly into early NR internal dialogue so everyone is informed, particularly the construction planning teams
- Minimise risk by allowing scheme designers to identify issues early
- Reduce time-consuming Form C comments and re-draws
- Optimize manufacturing outcomes
- Enhance maintenance efficiency
- Clarification of S&C detail through optional PRS site measure and survey capability



DEVELOP

BUSINESS TRANSFORMATION AND INVESTMENT

- Systems and Processes
- Automation
- CAT Advanced Manufacturing
- Apprentices
- Monitoring Technology



Thanks for your attention

Any questions?

