

Rolling Stock Life Extension

Safe and modern throughout the entire lifecycle

Extending the service life of rolling stock means enabling railway vehicles to remain in operation beyond their originally planned design life, thereby increasing economic efficiency and maximizing the value of existing assets.

Our phased approach provides a structured framework for assessing and implementing life extension measures.



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Our services

- **Phase 1:** Baseline assessment and development of an investigation program
- **Phase 2:** Examination of subsystems and the overall vehicle
- **Phase 3:** Evaluation and definition of technical measures
- **Phase 4:** Engineering and implementation on the vehicle
- **Phase 5:** Technical support throughout the extended service life

Reference projects

Our experience in rolling stock life extension:

- ICE 1 fleet (Germany):
Service life extension from 30 to 40 years
- KLIA Ekspres (Malaysia):
Service life extension from 30 to 40 years
- Shanghai Metro Line 9 (China):
Service life extension from 20 to 45 years

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