**Network Rail’s adoption of ISO 50001**

ISO 50001 is an international standard which guides businesses worldwide in the implementation of Energy Management Systems. Energy budgets are continuously increasing and so companies need to put measures in place to address how effectively energy is being used. The standard takes a holistic approach in highlighting a system which is continuously improving.

ISO50001 uses a framework which requires organisations to follow simple steps in order to reduce energy use, cut cost and meet environmental and carbon reduction targets. These steps follow the Plan- Do- Check- Act model for improvement and are outlined for organisations to:

* Develop a policy for more efficient use of energy
* Fix targets and objectives to meet the policy
* Use data to better understand and make decisions about energy use
* Measure the results
* Review how well the policy works
* Continually improve energy management.

Network Rail is on a path to achieving the ISO 50001 standard, but this will require all sectors of the company doing their part. There is already a mandatory 11% reduction in emission that the company needs to achieve by the end of CP5. This goal will require the whole organisation working together.

The document “Achieving ISO 50001” was written as a step-by-step guide to support each Route along the path to achieving this Goal. Routes will need to put in place the necessary measures to meet each aspect of the standard, collecting the required evidence at each stage of the journey. All evidence should be maintained within a secure location and be available for audit purposes.

The STE Energy management team will work alongside the Routes to coordinate activities and guide progress. Documents outlining the league table and maturity matrix are also shown in the guide and are updated periodically. These are useful tools for demonstrating the performance of each Route against their previous achievement or deviation from the set target.