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Sulphur control as part of steelmaking transition. Challenge or opportunity

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Improving the quality of steel has been a matter of routine for metallurgical engineers and steelmaking companies in a demanding market for quality products. The traditional Electric Arc Furnace process has the lowest carbon emission compared to the integrated route, making it the best route for green steel production. In addition, the industry is focused on ensuring that high-quality steel products can be produced smoothly, immediately after the transition.
One of the challenges is controlling sulfur residual in steel, which is critical for certain applications and has "secondary / additional"impact on overall steel cleanliness. Lesson learned from market with different feasibility studies, investigations and accumulated know how from long list of projects for different flat products, including thick and thin casting processes are summarized and reported in article.

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