

## MAXIMUM PRODUCTIVITY

The oxygen steelmaking plant at Vizag Steel in Visakhapatnam, India, is growing as designed with an annual production of 6.4 million tons of liquid steel.

The first two of the three planned BOF converters are in operation. The third converter is scheduled for commissioning in 2015.



All three converters are equipped with comprehensive environmental technology, such as with an ESP-wet type filter and a converter gas recovery plant.

Moreover, SMS Siemag delivered two ladle furnaces and a 150-ton RH-TOP vacuum degassing plant for the production of quality steel grades. The complete oxygen steelmaking plant is equipped with the Level 2 process models and the Level 3 production planning system from the X-Pact® electrical and automation package. With Level 3, the plant owner has all tools necessary for the planning and monitoring of the production processes at his disposal.

This secures a maximum productivity and a homogeneous cross-plant product tracking and quality control.

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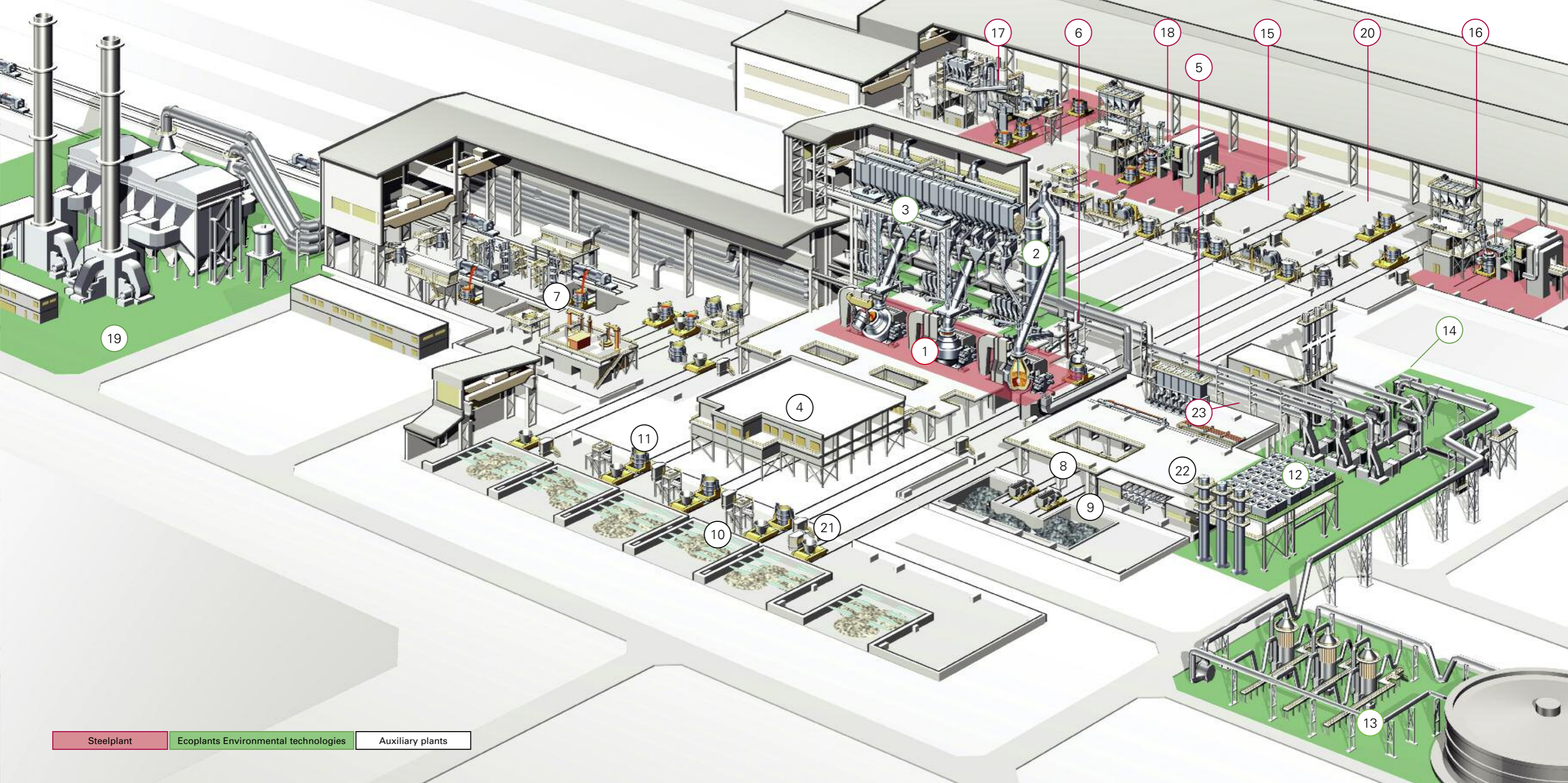
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## THE NEW X-MELT® CONVERTER STEEL PLANT AT VIZAG STEEL, INDIA





Steelplant	Ecoplants Environmental technologies	Auxiliary plants
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| <ul style="list-style-type: none"> <li>1 BOF Converter</li> <li>2 Baumco Scrubber<br/>(Primary gas cleaning)</li> <li>3 Material handling system</li> <li>4 Main control building</li> <li>5 Ferro alloy storage</li> <li>6 On-line rinsing station</li> <li>7 Hot metal reloading station</li> <li>8 Scrap transfer car</li> <li>9 Scrap pit</li> <li>10 Slag pit</li> <li>11 Slag pot coating unit</li> <li>12 Fin fan heat exchanger</li> </ul> | <ul style="list-style-type: none"> <li>13 Gas export station with wet electrostatic filter</li> <li>14 ID fan and gas change over station</li> <li>15 Ladle preparation facilities</li> <li>16 Ladle furnace No. 1</li> <li>17 RH-Vacuum degassing plant</li> <li>18 Ladle furnace No. 2</li> <li>19 Secondary gas cleaning</li> <li>20 Teeming ladle transfer car</li> <li>21 Slag pot transfer car</li> <li>22 Pump house</li> <li>23 Lance maintenance area</li> </ul> |
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