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Green Steel strategy and circular economy at Swiss Steel Group

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Steelmaking in Europe is in transition, stepping away from the traditional blast furnace route towards electric arc furnace steelmaking. This conversion is driven by available green Hydrogen as well as by affordable electrical energy which will both become prerequisite.

Swiss Steel Group employs EAF technology in all of its 5 steel plants, enjoying a low CO₂ footprint already today. As an early industry mover, a roadmap to a further decarbonization is very ambitious and will be outlined in this paper. The challenges towards a CO₂ footprint reduction are described, as are the opportunities and a favorable jurisdiction which could help drive our decarbonization efforts.

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