

AFRICA CARBON 2018

Transformation of metallic waste in Reinforced,
High-quality Steel Rods in Angola

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FABRIMETAL

YOUR PARTNER IN STEEL

- Who we are and what we do in Angola;
- Average annual amount of processed metallic waste /
Final Product Destination;
- Social, economic and environmental impacts of our
industrial process;
- Challenges

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Who we are and what we do in Angola;

- We are an Angolan company with foreign capital;
- We belong to a Business Group, with more than a decade of experience in Steel Production, with factories also in DRC, Rwanda, Burkina Faso, Mali, Ghana and Senegal;
- Our culture is based on ethics and transparency in the processes;

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Who we are and what we do in Angola;

- Our focus is on continued betting on product quality, consistency of business policies and customer focus;
- We produce reinforced steel rods under the FM TMT brand, in diameters 8 to 32 mm, both with 12 meters;
- 80% of our raw material is Domestic, metal scrap

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Average annual amount of processed metallic waste / Final Product Destination;

- The metal scrap we receive comes from all over the country;
- All the scrap received goes through a careful selection process, before the processing is started »Shear Machine (Heavy Material) and Shreader (Mixed Material);
- 90,000 tons of metal scrap processed in 2017;

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Average annual amount of processed metallic waste / Final Product Destination;

- The processed metal scrap is then melted in blast furnaces to obtain steel Billets;
- Billets are then hot-rolled, for obtaining highly reinforced steel rods with high quality. »» Thermo-Mechanical Treatment;
- Final product placed in the national market for consumption in the professional market of Civil Construction and Public Works – Exports





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Social, economic and environmental impacts of our industrial process;

- We employ more than 500 National employees directly;
- We generate indirect income for more than 2,500 people, (household of our workers);
- We have around 300 individual scrap suppliers today, who collect scrap from the streets and bring it to our factory (previously they were out of work and some to beg on the streets);

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Social, economic and environmental impacts of our industrial process;

- We have social support programs for the children of our workers (Education and Health);
- Increase in national production, decrease in imports »»
»Economic diversification;
- Dedicated team in the increase of the green spaces inside the

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Social, economic and environmental impacts of our industrial process;

- Reduction of metallic waste in the country;
- Environmental Licensing implemented - Compliance with current legislation in the Country;
- Dedicated system for filtration of industrial fumes - 80% reduction of pollution generated by industrial fumes (FES SYSTEM);

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Social, economic and environmental impacts of our industrial process;

- Metal scrap in Steel production process, consumes less energy than the production with iron ore;
- Creates in the final product, greater thermal stability (ideal for high temperatures) - African Continent;
- Elimination of the need for landfills;

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Challenges

- Reinforce Infrastructures in industrial zones for easier compliance with current Environmental Legislation »» »Reduction of Production costs;
- Facilitating the supply of raw materials (improving roads, boosting rail and maritime transport within the country) »» Much ferrous material in the interior of the country with difficult access;

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Challenges

- To promote the use of industrial waste to other industrial plants downstream (Use of slag from furnaces in the production of cement and others);
- Increase in Environmental Education programs »» More commitment to the environment

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THANK YOU FOR THE ATTENTION YOU GOT ME

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