

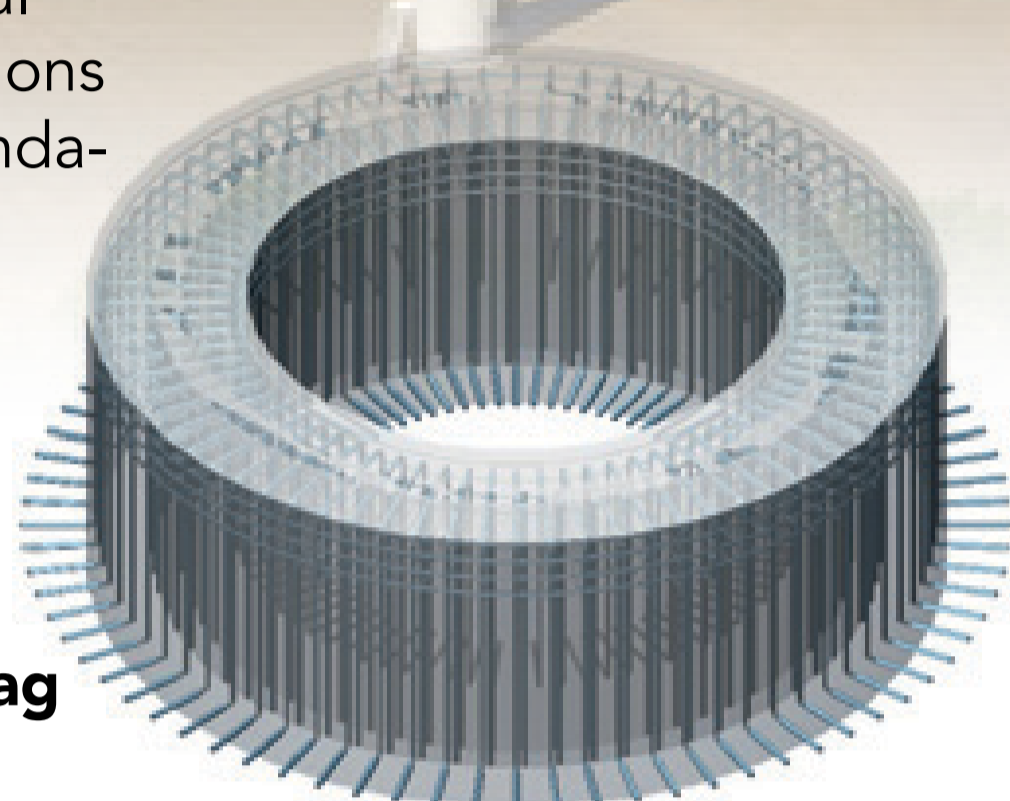
GREEN POWER FOUNDED IN IRON



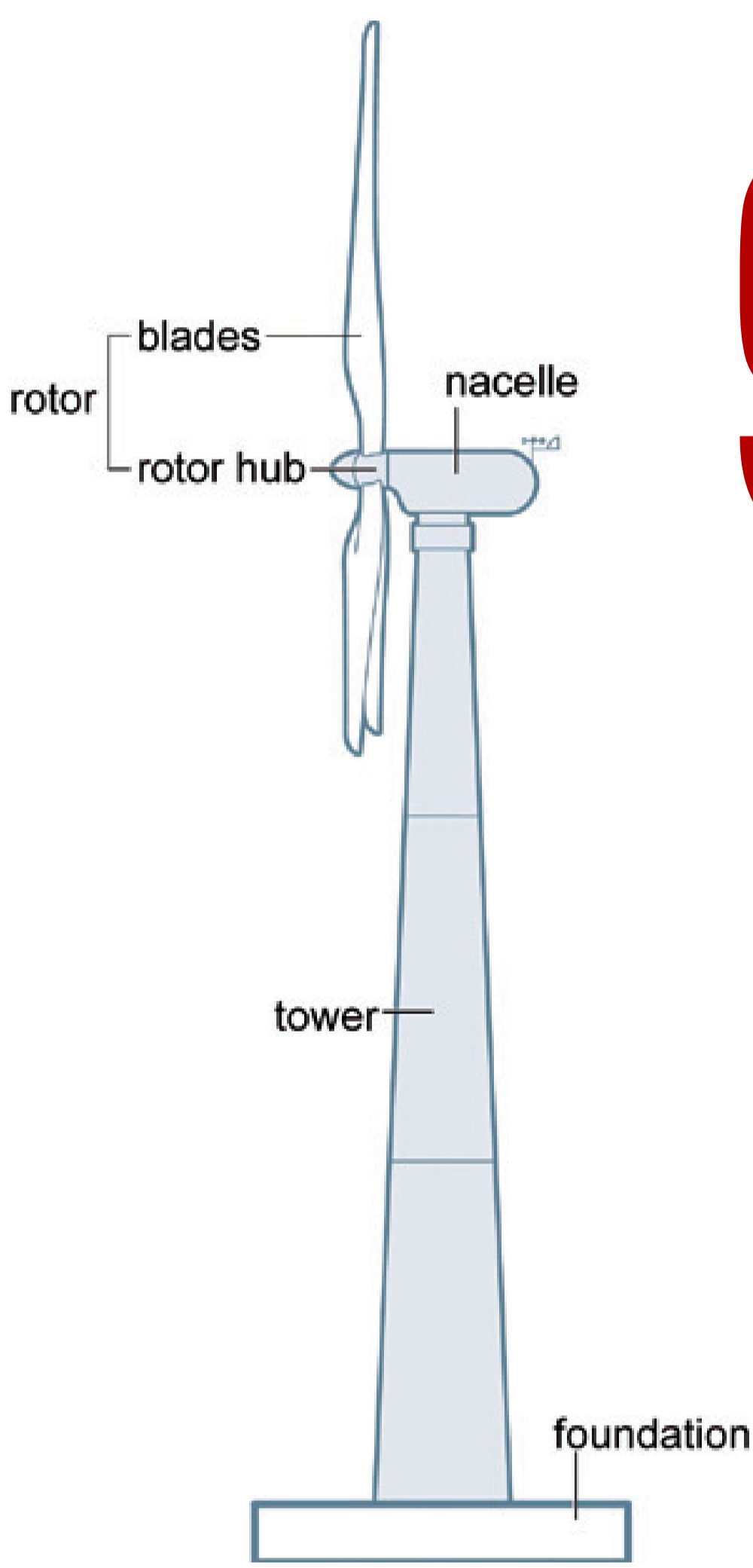
Foundation

The foundation is an unseen and yet critical part of the structure. Gravity base foundations are the most commonly used onshore foundations. Most gravity base foundations are made of steel-reinforced concrete slabs.

To improve durability and achieve longer-term strength, **70% of the cement in a concrete foundation can be replaced with ground granulated blast furnace slag (GGBS), a byproduct from the steel industry.**



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90%

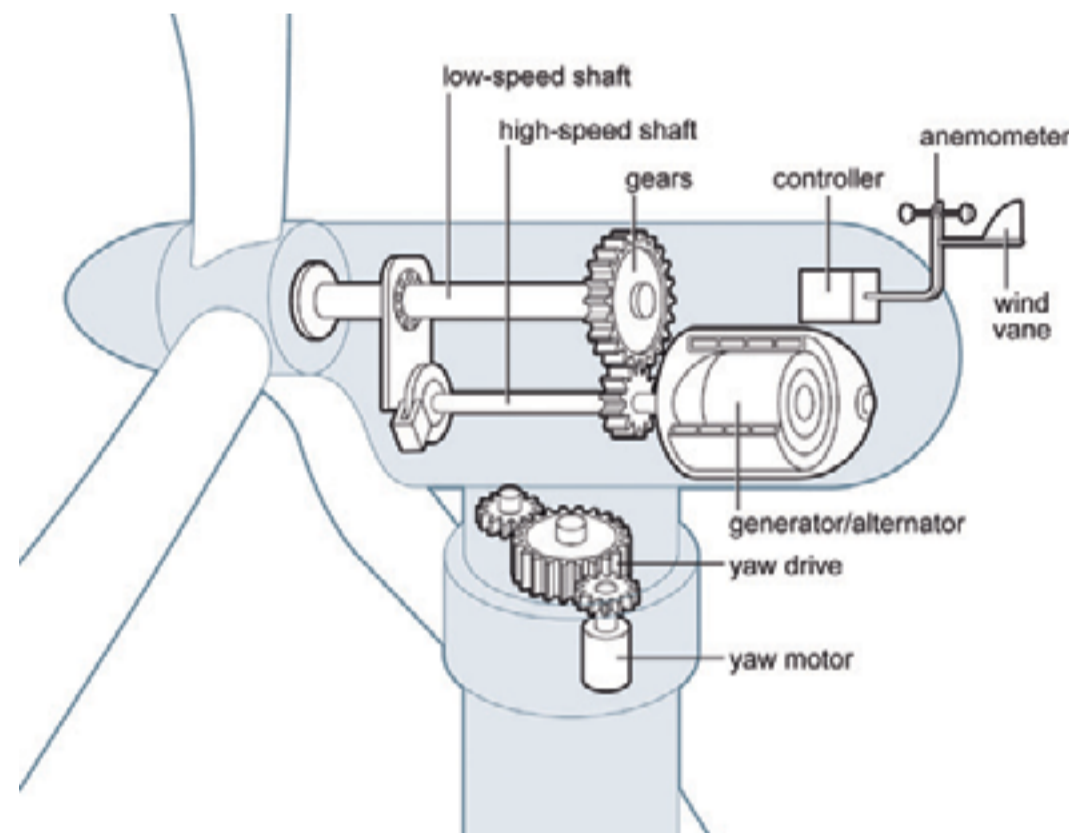
of all wind turbine towers are tubular steel towers.

Every part of a wind turbine depends on iron and steel.

Without iron there isn't steel.
Without steel there isn't wind power.

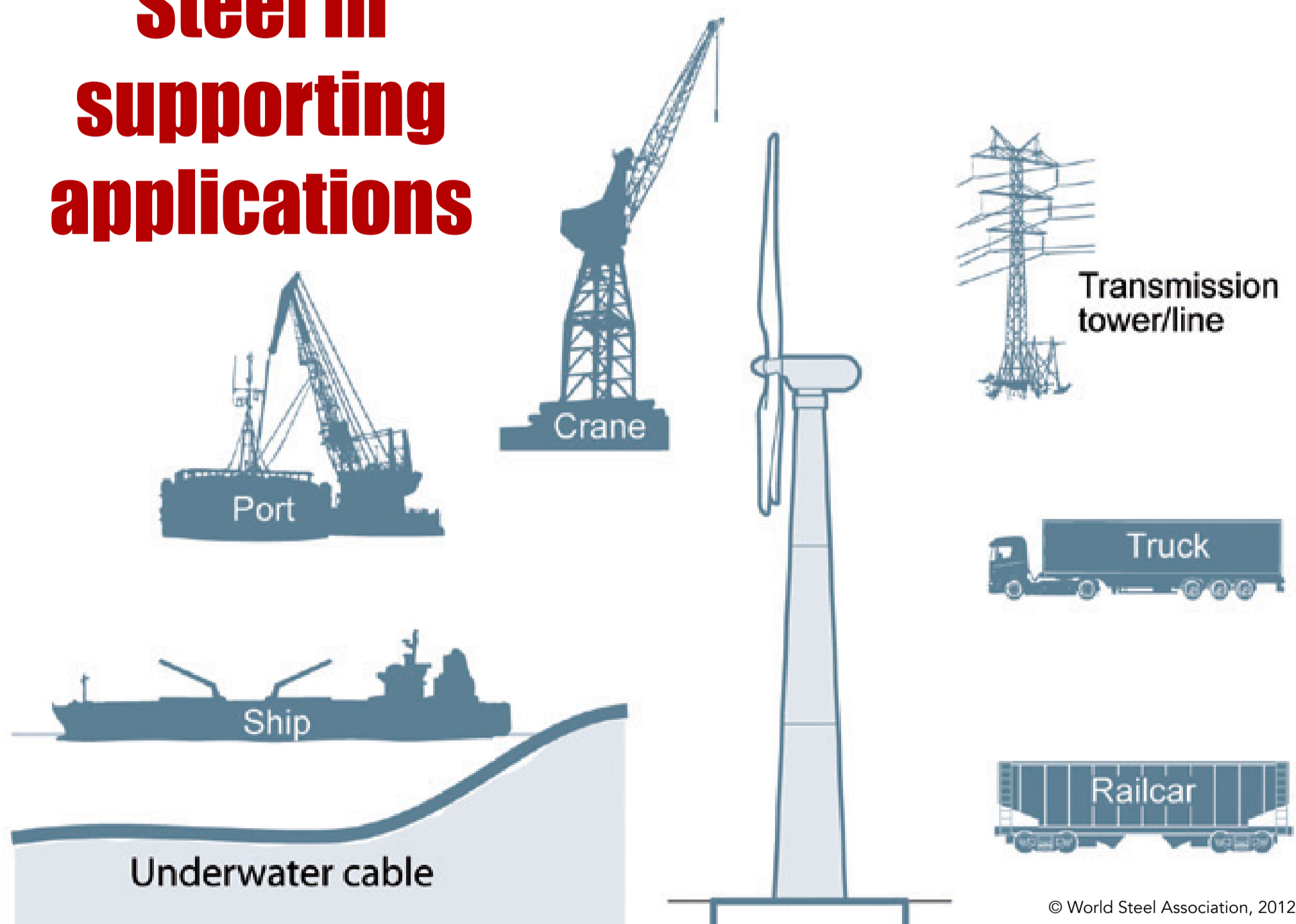
Steel's strength makes it ideal for the nacelle's frame, housing and machinery.

Electrical steels are a specialty steel tailored to producing the specific magnetic properties that make wind energy possible.



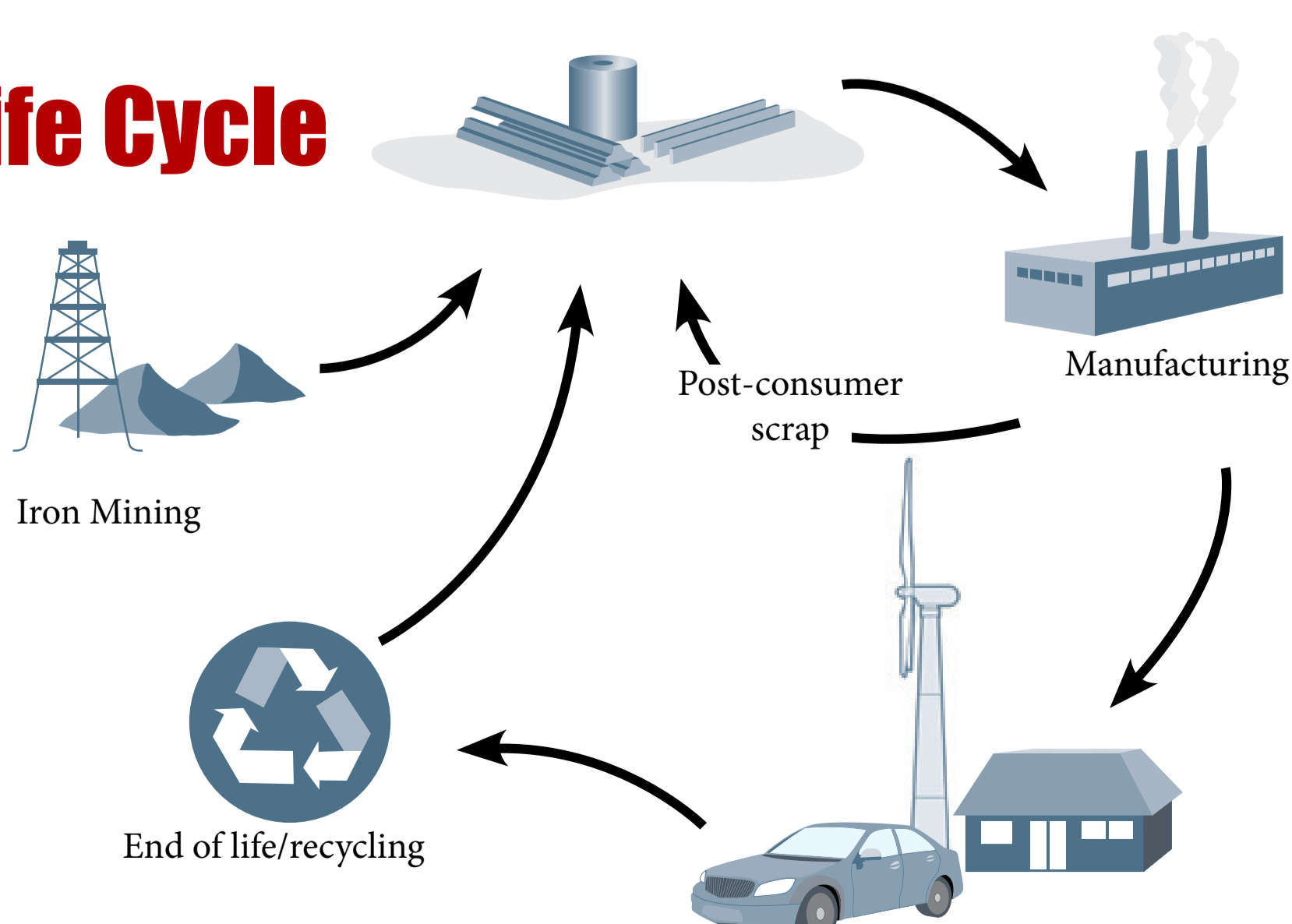
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Steel in supporting applications



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Steel Life Cycle



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