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**FERROALLOYS**

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# **Steel Market : Growth and Prospects in the Iran Steel Region**

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Infographic of Iran Ferro Alloys Demand in 2020 /  
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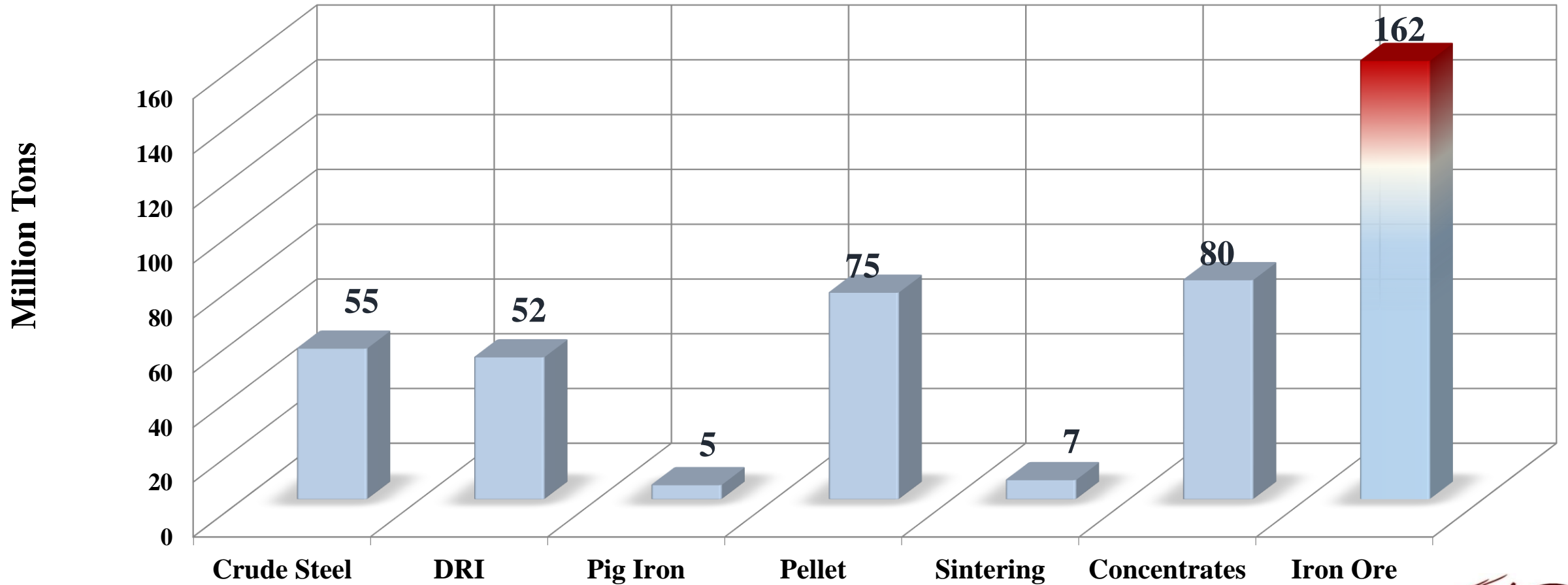
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Infographic of India Ferro Alloys Export Status to Iran, Turkey,  
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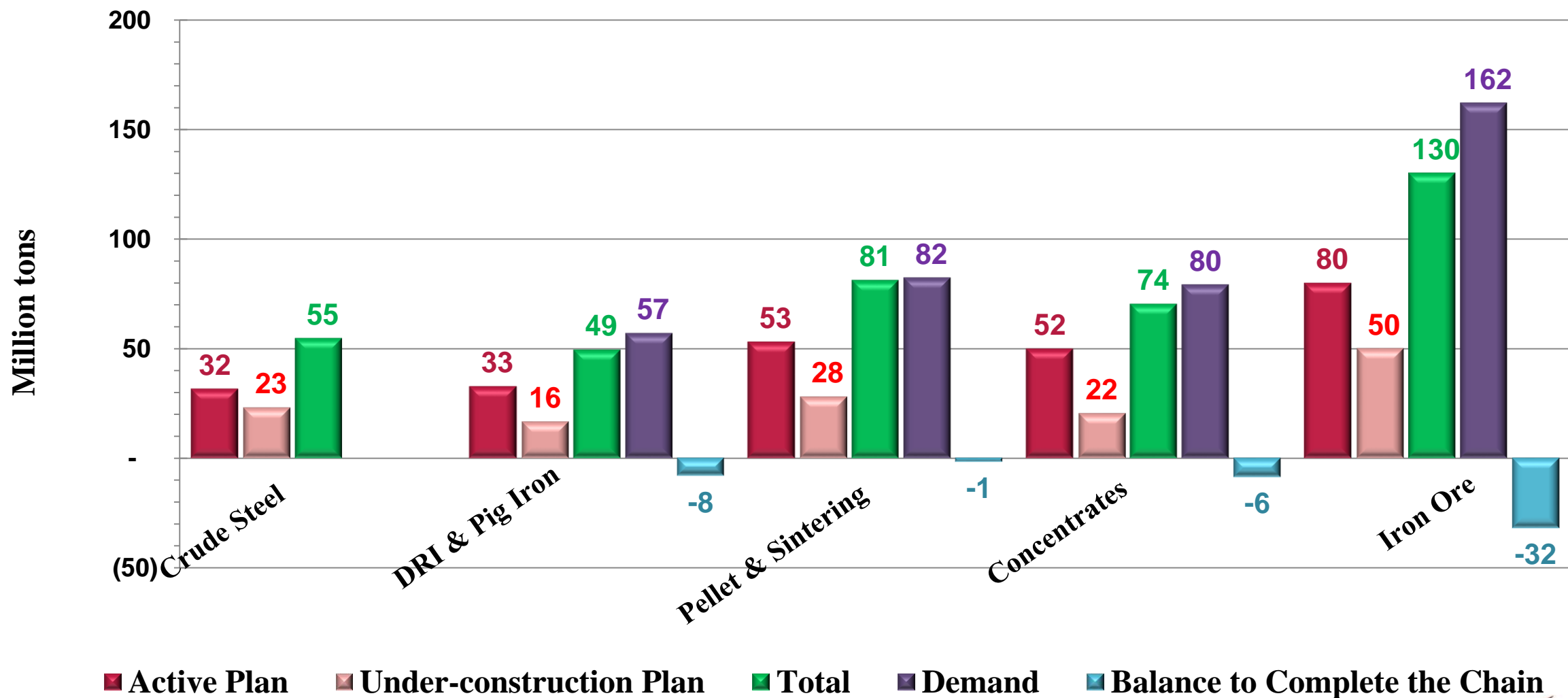
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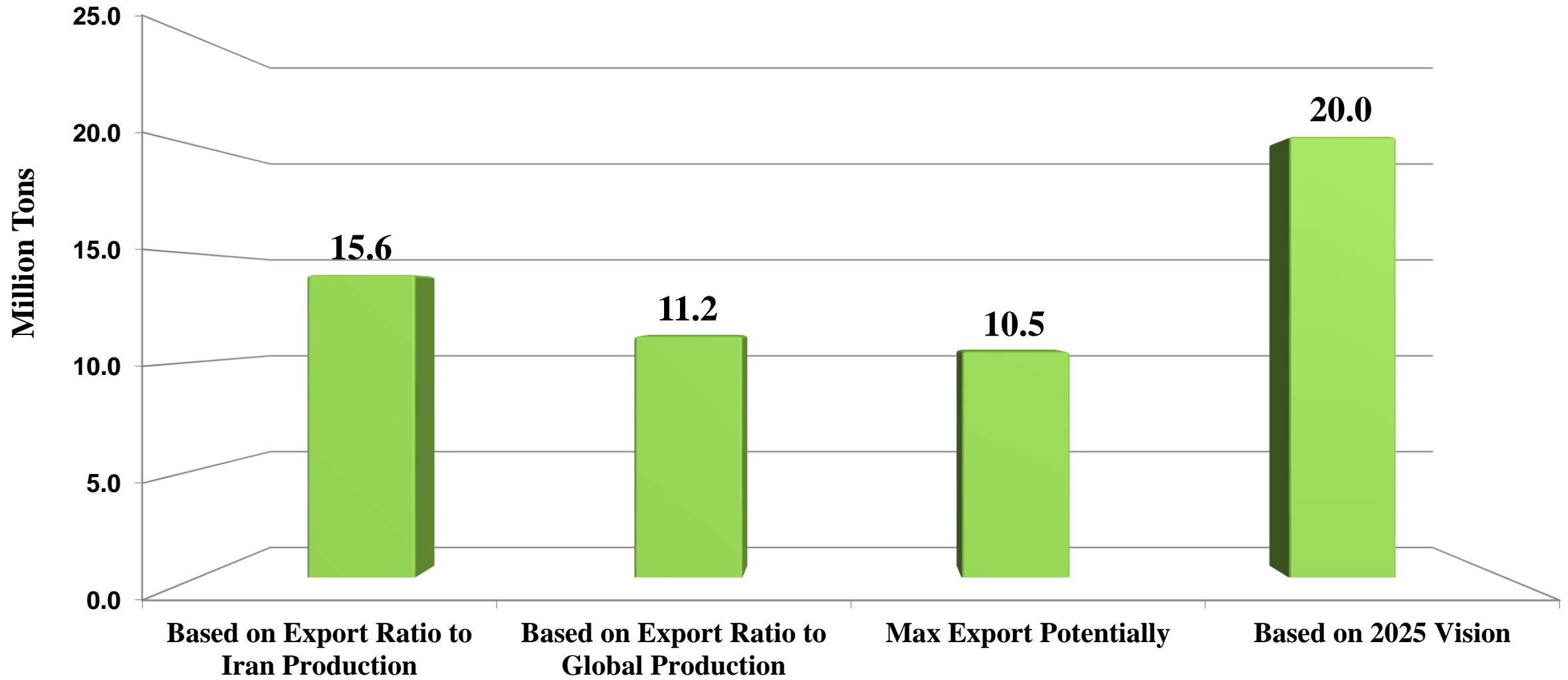
# Iran Required Capacity in Order to achieve 2025 Vision



# Iran Steel Value Chain Balance in 2025 Vision

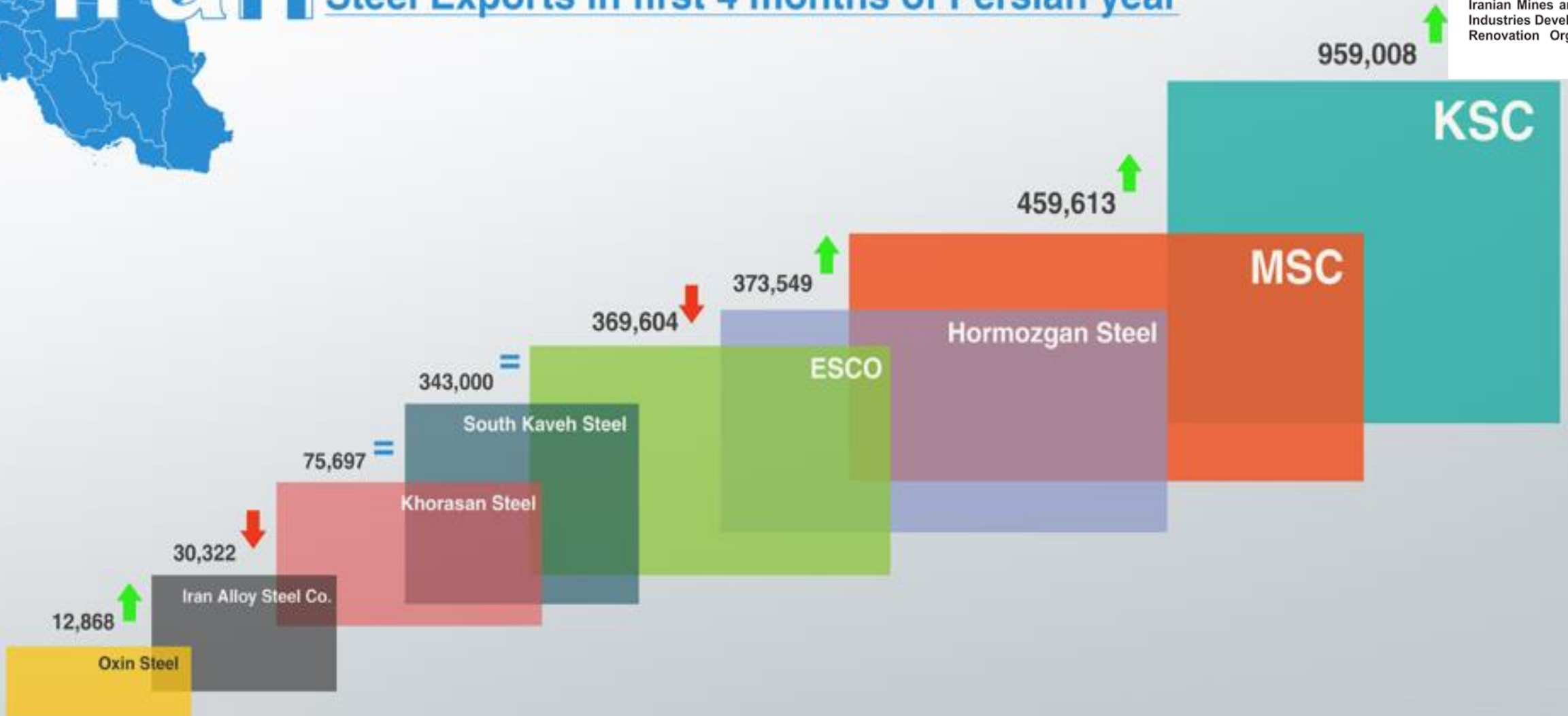


# Different Scenarios of Iran Steel Export in 2025 Vision





## Steel Exports in first 4 months of Persian year



## Impact of US Sanctions on

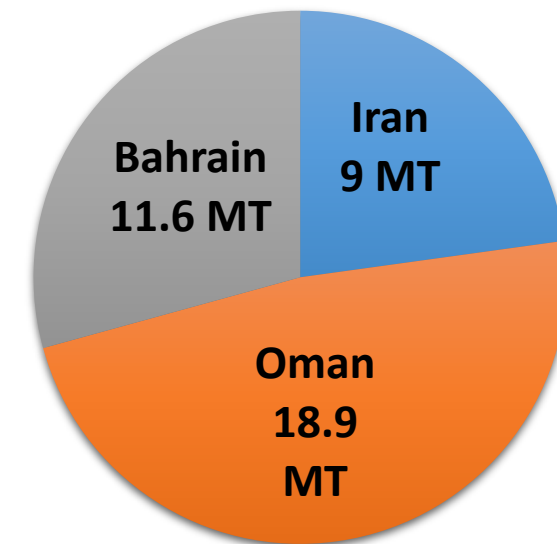
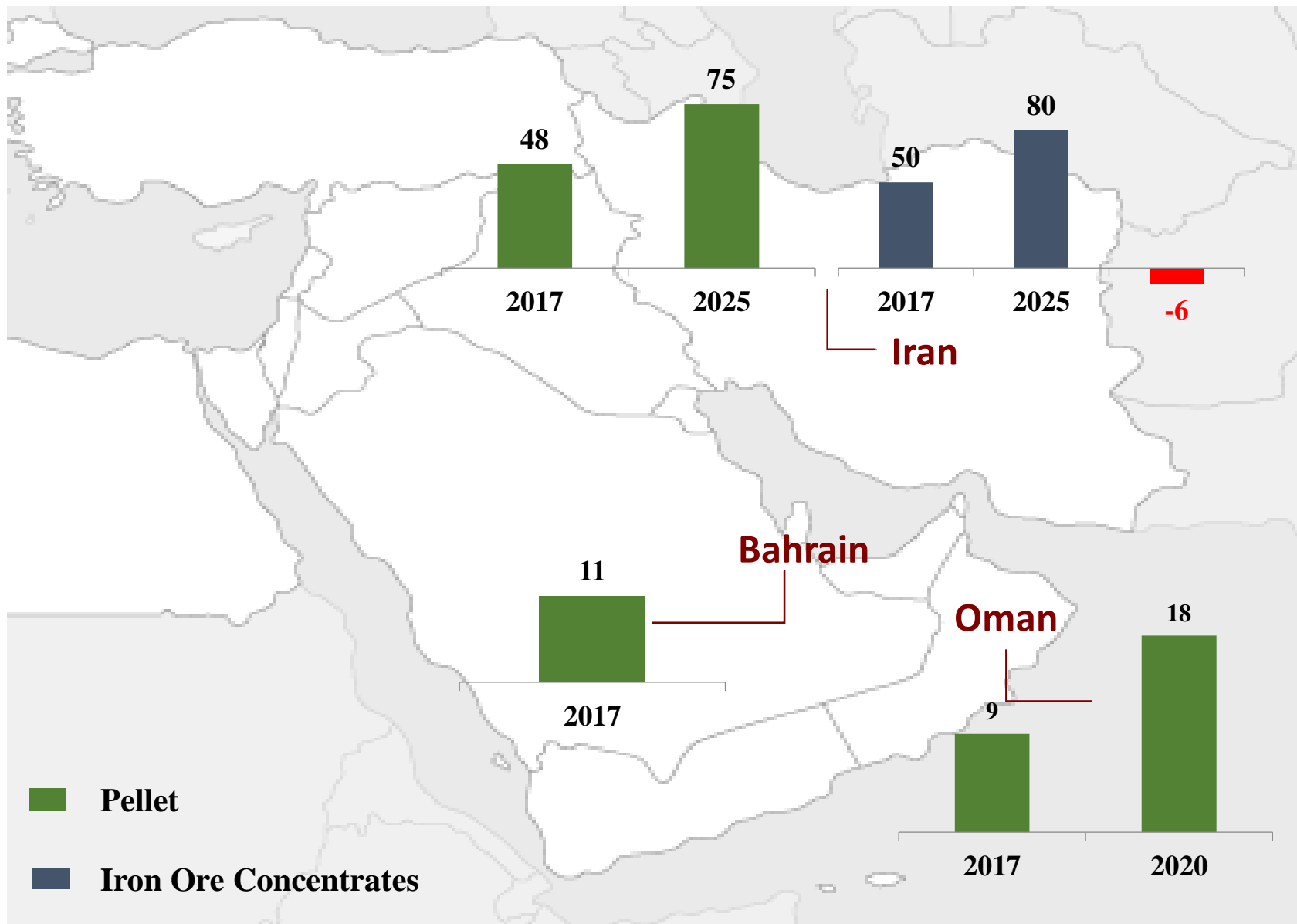


## Iran Steel Production & Export

- New sanctions have already affected on Iran Steel Export, however Iranian steel mills/traders chasing away new markets by supplying competitive prices.
- Iran to complete under construction steel value chain projects need to shift again from European technologies which absorbed during “Joint Comprehensive Plan of Action” (JCPOA) to Chinese technology to overcome from sanctions.
- The main bottle-neck is increasing the freight rate for bulk vessels from/to Iranian Ports as well as unavailability of containers for export. The 2<sup>nd</sup> turn of sanctions which to be imposed on 4<sup>th</sup> Nov., 2018 will become this issue more complicated.



# Prospect of Concentrates Demand & Pellet Production in the Middle East



**40 MT  
Concentrates  
Demand**

## CURRENT SITUATION

Iran Crude Steel  
Production  
**22 MnT**



Ferro Alloys Demand  
**270,000 MT**

Domestic Ferro  
Alloys Production  
**65,000 MT**



Import from India  
**162,000 MT**

Rest of World  
**43,000 MT**



**FUTURE:  
PROJECTED  
(2020)**

Iran Crude Steel  
Production  
**30-35 MnT**

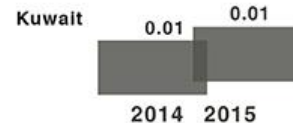
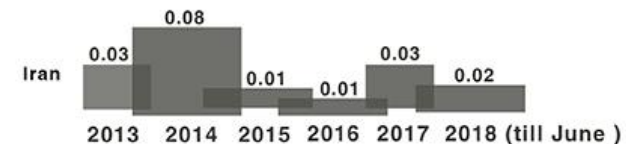
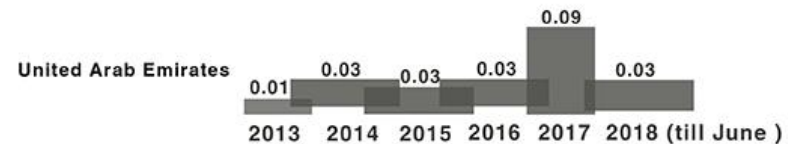


Ferro Alloys Demand  
**437,000 MT**



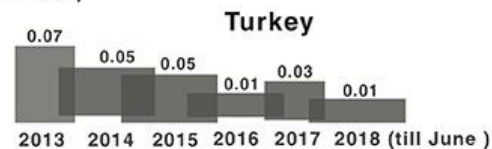
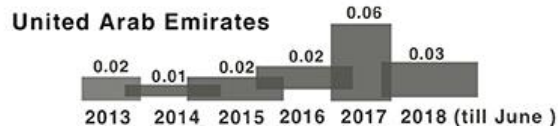
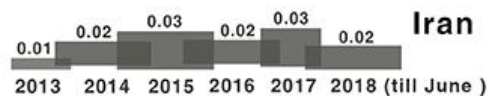
Import from India  
**332,000 MT**

# India Ferro Alloys Export



## India Ferro Manganese Export

## India Ferro Silico Manganese Export



## Conclusion

- As per “ Iranian Steel Comprehensive Plan”, Iran plans to increase the crude steel capacity to 55 Mts by 2025 Vision .
- Iran Steel Value Chain analysis proves that the main bottle-neck is shortage of production and supply of iron ore by 4 years later. In case no new mining projects such as exploration, extraction, crushing & beneficiating to be executed, then no more chance left except importing both iron ore fines and concentrates to achieve the goal in 2025 Vision.
- Performing of “Iran Steel Comprehensive Plan” is desire of all Iranian government & private sectors and it’s their ideal. Nothing may postpone it even imposing the new unfair sanctions.

## Conclusion

- During sanctions we hope India may continue to support Iranian Steel Industry by supplying Ferro Alloys, Graphite Electrodes, Technology & Know-how as well as Finance. Also Iranian Aluminum Industry look after a kind support of India by supplying Alumina during sanction.
- Up to the end 2020, Iran has extra quantity of Iron Ore Fines, Lumps, Concentrates, Pellet & DRI (Sponge Iron) to export. We hope India may support Iran during sanctions by purchasing the above “Down Stream Products”.
- The freight rate between Iran-India is almost half of Iran-China. Both countries have to get advantage for this freight competitiveness.



**Thank You**

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