

| KPI | Unit | Dahej | Daye | Yunan | Tongling | Saganoseki | Naoshima | Gresik | Onsan | Kansanshi | Mufulira | Hamburg East | Miami | Garfield | Altonorte | Ilo | Sterlite Copper (Thoothukudi) | Graphical Representation |
|--|-------|----------------------------|------------------|----------|----------|------------|------------|------------|-------------------|-----------|----------|----------------------------|----------|----------|-----------|----------|-------------------------------|--------------------------|
| Technology Used | | Flash, Mitsubishi, Ausmelt | Ausmelt, Noranda | IsaSmelt | Flash | Flash | Mitsubishi | Mitsubishi | Flash, Mitsubishi | IsaSmelt | IsaSmelt | Flash, Contimelt, Electric | IsaSmelt | IsaSmelt | Noranda | IsaSmelt | IsaSmelt | Refer to Figure 1 |
| Installed Capacity ¹ | KT | 541 | 472 | 285 | 548 | 528 | 304 | 333 | 678 | 300 | 338 | 420 | 245 | 335 | 349 | 320 | 438 | Refer to Figure 2 |
| Distance from Habitat | km | 2.56 | 1 | 1.5 | 1.5 | 0.1 | 1 | 0.48 | 1 | 11.26 | 0 | 0.6 | 11.26 | 0 | 15 | 2.2 | 2 | Refer to Figure 3 |
| Years in Operation | Years | 22 | 62 | 62 | 7 | 104 | 103 | 22 | 85 | 105 | 83 | 48 | 105 | 114 | 27 | 60 | 22 | Refer to Figure 4 |
| Distance from nearby Sensitive Areas/ Hot spots/ Cultural heritage | km | >10 | 6 | 6 | 1.5 | >10 | >10 | 3 | >10 | >10 | >10 | >10 | >10 | >10 | >10 | >10 | >10 | Refer to Figure 5 |

Figure 1: Smelting Technology used for Manufacturing

| Copper Smelters | Smelting Technology used for Manufacturing | | | | | | |
|-----------------------|--|-----------------|------------|---------|---------|-----------|----------|
| | IsaSmelt | Outokumpu Flash | Mitsubishi | Ausmelt | Noranda | Contimelt | Electric |
| Dahej | | | | | | | |
| Daye | | | | | | | |
| Yunan | | | | | | | |
| Tongling | | | | | | | |
| Saganoseki | | | | | | | |
| Naoshima | | | | | | | |
| Gresik | | | | | | | |
| Onsan | | | | | | | |
| Kansanshi | | | | | | | |
| Mufulira | | | | | | | |
| Hamburg East | | | | | | | |
| Miami | | | | | | | |
| Garfield | | | | | | | |
| Altonorte | | | | | | | |
| Ilo | | | | | | | |
| Sterite (Thoothukudi) | | | | | | | |

Figure 4: Number of Years in Operation

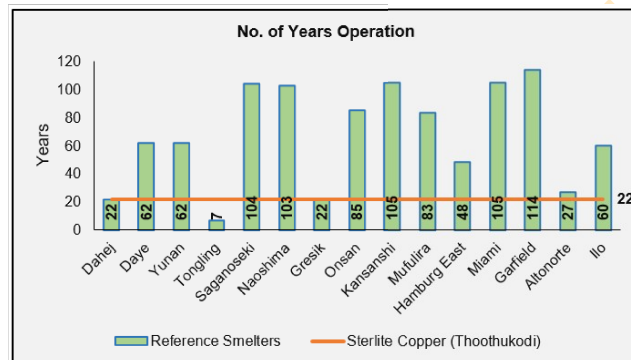


Figure 2: Production Capacity of Copper Smelters

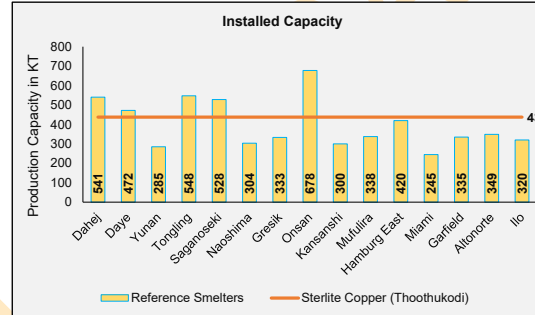


Figure 3: Distance from Nearby Habitat from the Copper Smelters

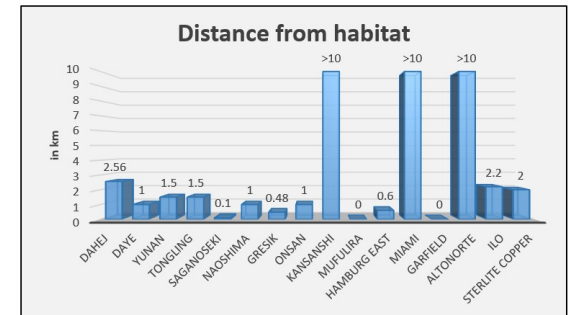
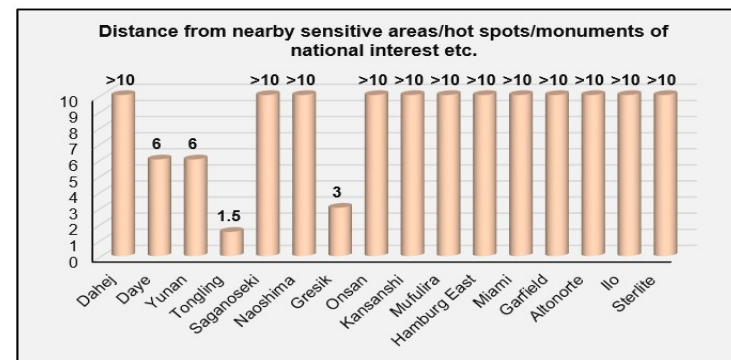


Figure 5: Distance from Nearby Sensitive Areas/Hot Spots/Monuments of National Interest etc.



¹ Anode production capacity was given as on 2019 anode production capacity from Wood Mackenzie Report except for Hamburg East smelters where only cathode production capacity was available.