



**SMART WAYS *TO SETUP*
ELECTRONICS MFG. *IN INDIA***



高明方法 *于体系*
电子产品制造业 *在印度*

Global Electronics Market

全球电子市场

2,680
Billion US\$

Global Market Size
FY 2017

15.5%
Expected CAGR

FY 2016 - 2020

(Source: Persistence market research analysis, 2016 , IBEF 2017)

Emerging Trends in Customer Preferences 消费者喜好新趋势

- Usage of more & more electronics in day to day activities
- 在日常活动中使用的电子产品越来越多
- Lighter and more powerful devices
- 设备更轻更强大
- Integration of electronics in mechanical equipment's
- 机械设备的电子整合
- Automation in manufacturing processes
- 制造工艺的自动化

Major Countries in Electronics Production 电子制造主要国家



Major Countries in Electronics Consumption 电子消费主要国家



Manufacturing moving closer to markets 制造越来越向市场靠拢

TOP MANUFACTURING CENTERS

顶级制造中心

USA

CHINA

JAPAN

GERMANY

TAIWAN

FACTORS INFLUENCING SHIFT IN TRADITIONAL MANUFACTURING HUBS

影响传统制造中心转移的因素

- Easy Market Access
- 容易进入市场
- To cater to local customer preferences
- 迎合当地消费者喜好
- Govt. Policies
- 政府政策

TOP CONSUMPTION MARKETS

顶级消费市场

USA

CHINA

INDIA

BRAZIL

GERMANY

Indian Electronics Market

印度电子市场



Market Size in FY 2015



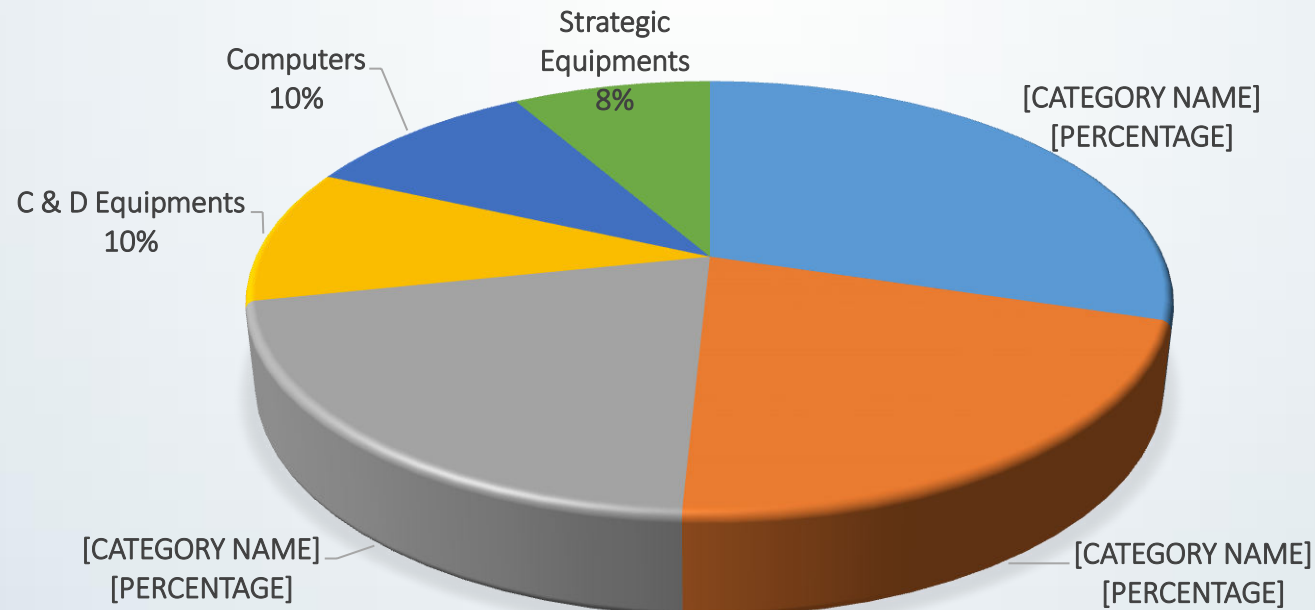
Market Size in FY 2020



FY 2015 to 2020

(Source: IBEF, 2017)

Preferred Sectors in Indian Market – with % share 印度市场优先部门 — 份额 %

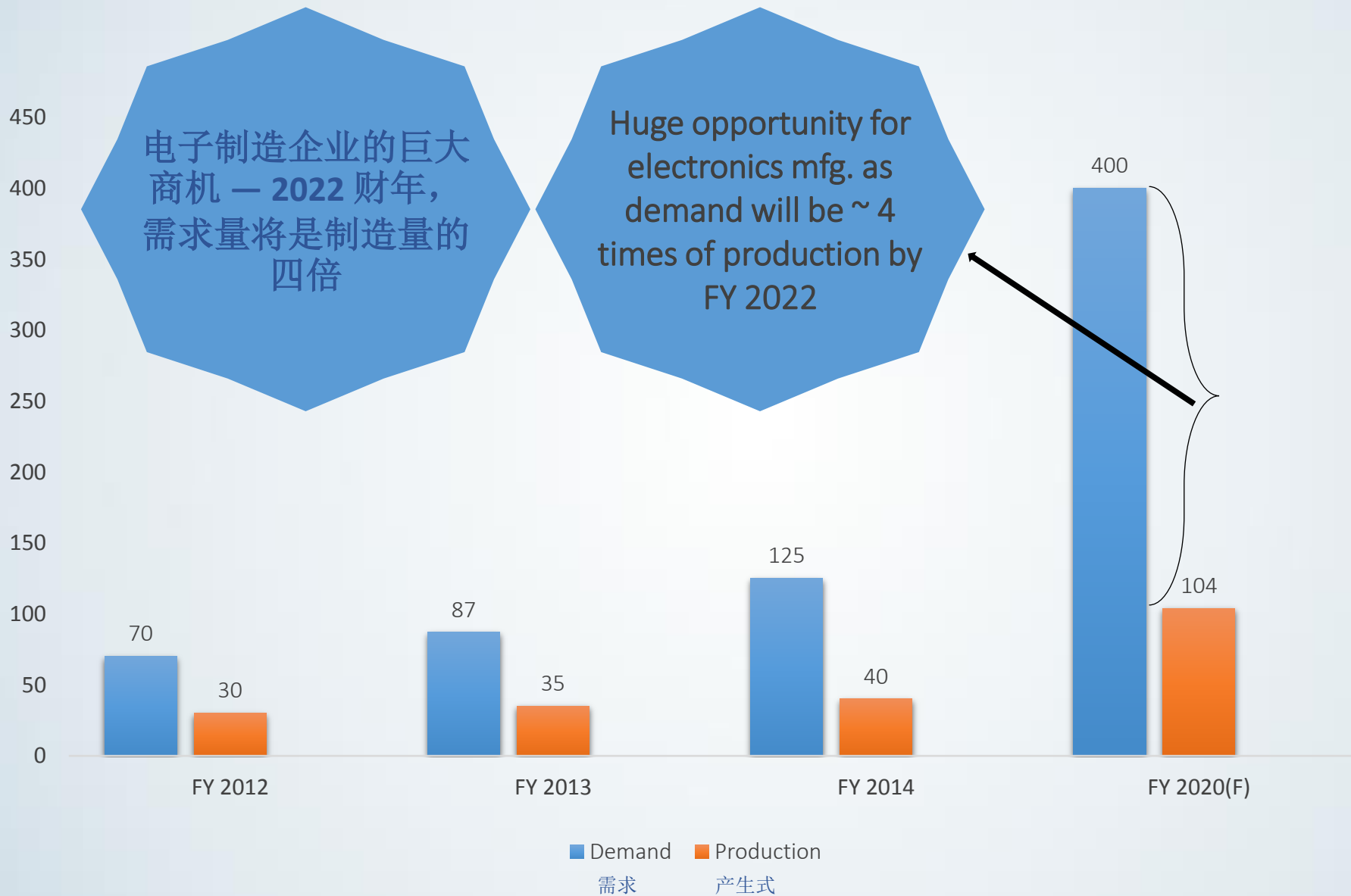


Source: Persistence market research analysis, 2016 , IBEF 2017

TATA STEEL SPECIAL ECONOMIC ZONE LIMITED

India : Domestic Production and Consumption

国内制造与消费



Perception of India as a base for manufacturing

印度作为制造基地的认知

Location selection

位置选择

Land acquisition / leasing

征地/租赁

Availability of power and water connection

电力和水连接的可用性

Obtaining power and water connections

获得电力和水的连接

Environment Clearance

环境清关

Construction at site

现场施工

Operating Approval

经营审批

Issues Involved

涉及的问题

Time Consuming

耗时的

May miss the market opportunity

可能会错过市场机会

Requires local knowledge of contracting and construction

需要当地的承包和施工知识

Requires knowledge of local regulatory clearances

需要了解当地的监管许可

Solution: Industrial Parks & Special Economic Zones

解答 : 工业园和经济特区



Clear Land Titles

明确土地所有权

Land titles are with the developers who can sub-lease in short time
土地所有权与可在短时间内分租的开发商



Multimodal Connectivity

多模式连接

Located close to National Highway / Sea Port / Airport / Railway lines for easy Logistics and connectivity
近国道 / 海港 / 机场 / 铁路线，便于物流与连通



Environmental Clearance

环境清关

Pre-approved environmental clearance thereby reducing your time for independent procedures
预先批准的环境许可，从而减少了独立程序的时间



Robust Infrastructure

强健的基础设施

Provides plug and play facilities to reduce the time to set a factory in place
提供“即插即用”式厂房，减少现场设厂的时间



Industrial City

工业城

They host a social infrastructure such as living, educational, commercial and entrainment facilities for your skilled manpower
生活、教育、商业和娱乐等社会性基础设施齐全，确保熟练劳动力

Fiscal Incentives for Electronics Manufacturing – Federal

电子制造业的财政激励 - 联邦的人

As per Modified Special Incentive Package Scheme (M-SIPS) of Govt. of India, Electronics industries are eligible for the below fiscal incentives :

根据印度政府《修订特别优惠方案》（M-SIPS），电子工业可享受以下财政激励

- Subsidy for investments in capital expenditure – up to 25%
- 投资基本建设支出补贴 — 高达 25%
- Reimbursement of Federal taxes for capital equipment
- 固定设备联邦税退税
- Reimbursement of Federal taxes and duties for 10 years in select high tech units like Semiconductor fabs and ATMPs
- 特定高科技单位，如半导体工厂和 ATMP（装配、测试、打标和包装）享受十年联邦税和关税退税
- Incentives available for 10 years from date of approval
- 批准之日起享受十年激励
- Incentives applicable for relocation of units from abroad for state of the art technology
- 激励适用于海外单位的重新安置以获得最先进科技

Fiscal Incentives for Electronics Manufacturing – State Govt.

电子制造业的财政激励 - 州政府

As per Govt. of Odisha Industrial Policy 2015 – Priority Sectors, Electronics industries are eligible for the below incentives :

根据《2015 奥里萨邦工业政策》— 优先部门、电子工业有资格享受以下激励

- 100% VAT/GST reimbursement for the period of 7 years
- 七年内享受 100% 增值税/消费税退税
- Interest subsidy of 5% per annum on term loans up to US\$ 0.15 Million
- 贷款享受每年 5% 利息补贴，高达 15 万美元
- 100% stamp duty exemption for registration or mortgage of the land
- 登记或抵押土地享受 100% 免印花税
- Electricity duty is waived off for up to 5 MVA for 5 years
- 五年 5 兆伏安电力税免除
- And more..
- 等等

GOPALPUR INDUSTRIAL PARK 戈巴尔布尔工业园

SEZ - DTA - Social Infra

Spread across 1202 Ha (2970 acres) contiguous land parcel including 1235 acres of SEZ
覆盖 1202 公顷（2970 英亩）相邻地块，包括 1235 英亩经济特区

Located on NH5. Midpoint of Bhubaneswar and Vizag
位于布巴内斯瓦尔和威扎吉中点 NH5 公路

Designed on Walk-to-Work concept
依据走路去上班设计理念

Anchor unit with an investments of USD 80 mn by Tata Steel is operational
锚点单位投资 USD 80mn 塔塔钢铁公司正在运作

Gopalpur Industrial Park

戈巴尔布尔工业园



Advantages 好处



Industrial City



Environment
Clearance



Attractive
Incentives



Clear
Land Title

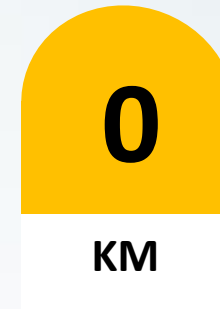


Multi-modal
Logistics Connectivity

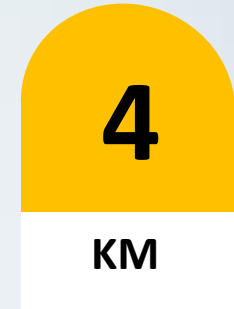


Plug-n-play
Infrastructure

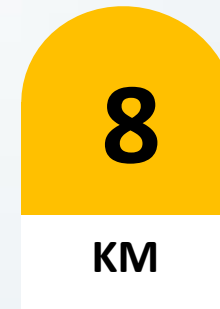
Location & Connectivity 位置和连接



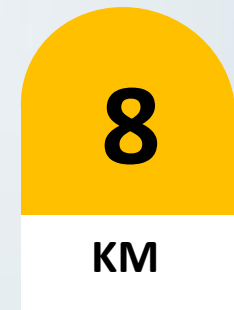
National Highway



Air Strip



Sea Port



Railway Siding

Gopalpur Industrial Park

戈巴尔布尔工业园



IDEAL PLACE FOR ELECTRONICS MANUFACTURING

电子制造的理想地方

- Well connected to markets
- 完美连接市场
- Readily available Talent Pool
- 现成的人才库
- Located near Bhubaneswar, India's top rated smart city
- 靠近印度最受好评的智能城市布巴内斯瓦尔
- Largest producer of metals
- 金属生产商数量最多



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Thank you