

Sector Overview –Electrical and Electronic Sector

1. Introduction

1.1 Core Business /Principle activities

Cable manufacture, switch gear manufacture, allied accessories, electrical appliances,panel board,LED lamp sand semiconductors.

1.2 Sector Vision

To achieve a Global success for Sri Lankan Electrical and Electronic products.

1.3 Sector Mission

To increase the total revenue to USD 1Bn by 2025 and thereby to contribute positively to our GDP and grow the Sri Lankan economy by being the sole contributor with trusted products to uplift the image and equity of 'Product of Sri Lanka' and thereby to create occupations for Sri Lankans, focused on employee satisfaction, welfare and creating a happy workforce while enhancing the global mission successfully.

1.4 Subsectors

1.5 Institutions operating under the subsectors

Subsector	Companies
Cable manufacture	7
Switch gears	10
1) Allied accessories Cable manufacture 2) Switch gears 3) Allied accessories 4) Electrical appliances 5) Panel board 6) LED lamps 7) Semiconductor	15
Electrical appliances	3
Panel board	10
LED lamps	5
Semiconductors	10

1.6. Number of employees (local/ foreign/Gender wise)

Subsector	Local	Foreign	Total	Male(as a %)	Female(as a %)
Cable	1505	10	1515	75%	25%
Switch gears	850	30	880	75%	25%
Alliedaccessories	3500	10	3510	75%	25%
Electricalappliances	5850	100	5650	75%	25%
Panel board	850	30	880	75%	25%
LED lamps	200	0	200	75%	25%
Semiconductors	2112	307	2419	75%	25%

1.7. Total investment - USD 3000 Million for 55 companies

1.8. Total Revenue - USD 420Mn+

1.9. Contribution to GDP by the Sector – 0.7% (622 USD Mn/ 88,930 USD Mn)

2. Production and Consumption

2.1. Annual Domestic Production - USD 200Mn

2.2. Annual Domestic Consumption – USD 326 Mn

2.3. Amount to be imported annually - USD 126 Mn (30% from the Annual Domestic Production)

2.4. Market share

Subsector	Share
Cable manufacture	30%
Switch gears	10%
Allied accessories	15%
Electrical appliances	10%
Panel board	5%
LED lamps	10%
Semiconductors	20%

Based on the sector value and contribution

2.5. Product types

- Cable manufacture – PVC/Flexible/Rubber/Welding/Switch gear/Auto/Unarmed/Armed/Telephone cables/Telephone gel
- Switch gears - MCB/RCCB/Changeover/ MCCB
- Allied accessories - Plug tops/ lamp holders/ sun box/ MCB Box/ Travel adaptors/Convertor
- Electrical appliances - Fridge/AC/WM
- Panel board - ATS/ Main/ Customize panels
- LED lamps - GLS Lamps, LED Panel, Tube, Spot
- Semiconductors - can not specify a product since this is depends on part by part

2.6. Required raw materials that can be found locally – None

2.7. Required raw materials needed to be imported

- Cable manufacture - PVC/Cropper
- Switch gears - Poly carbonate, PBT,PP, HTP, HIPS, ABS, Nylon 66 ricin
- Allied accessories - Poly carbonate, PBT,PP, HTP, HIPS, ABS, Nylon 66 ricin and Brass
- Electrical appliances - Poly carbobate,ABS, Aluminum, Cropper coil starter, Digital Timer
- Panel board - Steel
- LED lamps - LED Chip, Poly carbonate and PBT
- Semiconductor - Electronic parts

2.8. Cost of Importation – USD 2,595 million

2.9. Raw material wastage (%)

Subsector	Wastage
Cable manufacture	5%
Switch gears	2%
Allied accessories	2%
Electrical appliances	2%
Panel board	1%
LED lamps	2%
Semiconductors	None

3. Turnover

3.1. Local sales - Rs. 200Mn

3.2. Export earnings - USD422Mn

Figure 1: Composition of exports

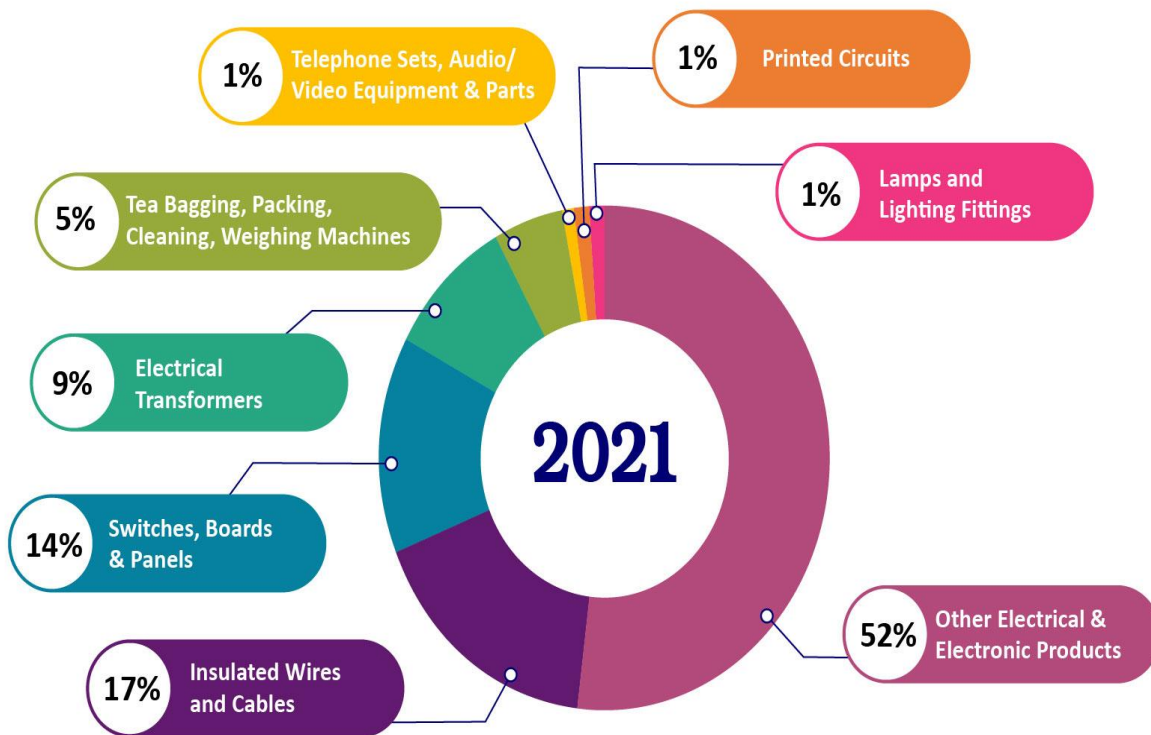


Table 1: Export earnings

(USD – Million)

Description	2017	2018	2019	2020	2021	2022
Export Performance	345.05	409.72	381.17	328.27	421.42	440.34
% Electrical & Electronics Contribution to total merchandise exports	3.07%	3.52%	3.24%	3.31%	3.44%	3.76%

3.3. Export destinations

Table 2: Major Export Markets - Electrical and Electronic Sector - 2021

Country	Value (USD – Million)
Zwitzerland	60.0
India	41.99
United States	39.61
Bangladesh	38.55
Germany	36.24
Hong Kong	20.79
United Kingdom	18.91
Mexico	17.57
China	16.21
Maldives	14.80

3.4. Past 3 years performance achievements

Year	Value
2019/2020	USD 210 Million p/a
2020/2021	USD 210 Million p/a
2021/2022	USD 422 Million p/a

4. Government Policy on Sector

Not available

5. Sector Strategies

Offering strategic discounts to the trade/Using digital platforms as the keycommunication vehicle/ Electrician Seminars and maintaining data bank management/ Certifications for electricians as in NVQ4

6.Sector Goals identified with KPIs

- 1) To achieve USD 1 Billion by 2025
- 2) Convert effort from non-renewable energy to renewable energy
- 3) Creation of occupation for Sri Lankans by expanding business horizons.
- 4) Encourage to use more green energy (bio fuel and etc)
- 5) Implementation of a Certification body.

7. Sector Objectives - to achieve USD 1 Billion by 2025

8. SWOT Analysis

Strengths	Weaknesses
<ul style="list-style-type: none">Existing Industries and emerging industries	<ul style="list-style-type: none">Lack of Skilled labor forceabsence of accredited certification body

Opportunities	Threats
<ul style="list-style-type: none">Reaching the global Market	<ul style="list-style-type: none">USD CrisisGlobal Market crisisFreight issuesHap hazard policy changesRising unprecedented Electricity tariffsTax policy changes

9. Risks associated with proper functioning of the sector

Main risk the industry exposed to right now is production under a heavy market-demand drop amidst escalating production costs.

10. Challenge(s) the sector is facing due to Government rules and regulations.

Policy changes and Implementation of Temporary Suspension on items / parts to be imported

11. Global Market Value—USD 3454.94 billion-(2022)

12. CAGR - 8.2%

