METRO SOUTH-EAST CORRIDOR
INDUSTRIAL AREA ECONOMIC ACTIVITY

ATHLONE INDUSTRIAL

Access	Distance to regional market nodes	26	Well located
	Distance to freight corridors, gateways	26	Moderate
	Congestion index	26	High
	Public transport level-of-service (index)	0	Very low
	Public transport connectivity (index)	0	Very low
Infrastructure	Electricity (index)	2	Moderate risk
	Water Reticulation (index)	1	Low risk
	Waste water treatment capacity (index)	1	Low risk
	Sewer (index)	1	Low risk
	Stormwater (incl. flood risk/ sea rise) (index)	1	Low risk
Security	Business burglaries	99%	Very unsafe
	Business robberies	15%	Very unsafe
5km catchment	Workers with tertiary education (2011)	66 047	High
	Postgraduates (2011)	16 230	High
	Morning commuter arrivals (all modes)	12 646	Low
	Future demand for retail, m² (2012-13)	3 959	Moderate
	Per capita monthly disposable income (2011)	R4 145	Very low
	Aggregate annual disposable income (2011)	R19 990 122 874	High

Dominant cluster: Production or Sale of Food and Beverages
Secondary Cluster: Manufacturing, Repairs or Sale of Construction material and Equipment

- Financial intermediation, insurance, real estate and business services
- Transport, storage and communication
- Wholesale, retail trade etc.
- Manufacturing
- Construction
- Community, social and personal services
- Electricity, gas and water supply

EPPING INDUSTRIAL

Access	Distance to regional market nodes	25	Very well-located
	Distance to freight corridors, gateways	23	Very well-located
	Congestion index	25	High
	Public transport level-of-service (index)	11	Very high
	Public transport connectivity (index)	8	Very high
Infrastructure	Electricity (index)	2	Low risk
	Water Reticulation (index)	1	Low risk
	Waste water treatment capacity (index)	4	Very high risk
	Sewer (index)	4	Very high risk
	Stormwater (incl. flood risk/ sea rise) (index)	1	Low risk
Security	Business burglaries	30%	Unsafe
	Business robberies	3%	Safe
5km catchment	Workers with tertiary education (2011)	81 797	Very high
	Postgraduates (2011)	18 584	Very high
	Morning commuter arrivals (all modes)	62 431	Very high
	Future demand for retail, m² (2012-13)	9 877	High
	Per capita monthly disposable income (2011)	R4 960	Very low
	Aggregate annual disposable income (2011)	R23 606 044 841	High

Dominant cluster: Manufacturing Metal Goods
Secondary Cluster: Production or Sale of Food and Beverages

- Financial intermediation, insurance, real estate and business services
- Transport, storage and communication
- Wholesale and retail trade
- Manufacturing
- Construction
- Community, social and personal services
- Electricity, gas and water supply

AIRPORT INDUSTRIAL

Access	Distance to regional market nodes	23	Moderate
	Distance to freight corridors, gateways	22	Very well-located
	Congestion index	8	Very low
	Public transport level-of-service (index)	1	Very low
	Public transport connectivity (index)	0	Very low
Infrastructure	Electricity (index)	3	Very high risk
	Water Reticulation (index)	1	Low risk
	Waste water treatment capacity (index)	4	Very high risk
	Sewer (index)	4	Very high
	Stormwater (incl. flood risk/ sea rise) (index)	1	Moderate risk
Security	Business burglaries	73%	Very unsafe
	Business robberies	6%	Unsafe
5km catchment	Workers with tertiary education (2011)	43 534	Moderate
	Postgraduates (2011)	5 300	Very low
	Morning commuter arrivals (all modes)	14 939	Moderate
	Future demand for retail, m² (2012-13)	255 614	Very high
	Per capita monthly disposable income (2011)	R2 899	Very low
	Aggregate annual disposable income (2011)	R20 812 446 004	High

Dominant cluster: Logistics and Distribution Activities
Secondary Cluster: Manufacturing, Repairs or Sale of Construction material and Equipment

- Financial intermediation
- Transport, storage and communication
- Wholesale and retail trade
- Manufacturing
- Construction
- Community, social and personal services

PHILIPPI EAST INDUSTRIAL

Access	Distance to regional market nodes	31	Moderate
	Distance to freight corridors, gateways	29	Very low
	Congestion index	9	Very low
	Public transport level-of-service (index)	7	Moderate
	Public transport connectivity (index)	4	Low
Infrastructure	Electricity (index)	1	Low risk
	Water Reticulation (index)	2	High risk
	Waste water treatment capacity (index)	1	Low risk
	Sewer (index)	1	Low risk
	Stormwater (incl. flood risk/ sea rise) (index)	2	Moderate risk
Security	Business burglaries	70%	Very unsafe
	Business robberies	79%	Very unsafe
5km catchment	Workers with tertiary education (2011)	34 652	Low
	Postgraduates (2011)	3 294	Low
	Morning commuter arrivals (all modes)	9 762	Low
	Future demand for retail, m² (2012-13)	12 802	Very high
	Per capita monthly disposable income (2011)	R2 664	Very low
	Aggregate annual disposable income (2011)	R19 318 405 309	High

Dominant cluster: Manufacturing, Repairs or Sale of vehicles or vehicle parts
Secondary Cluster: Manufacturing Metal Goods

- Financial intermediation
- Transport, storage and communication
- Wholesale and retail trade
- Manufacturing
- Construction
- Community, social and personal services
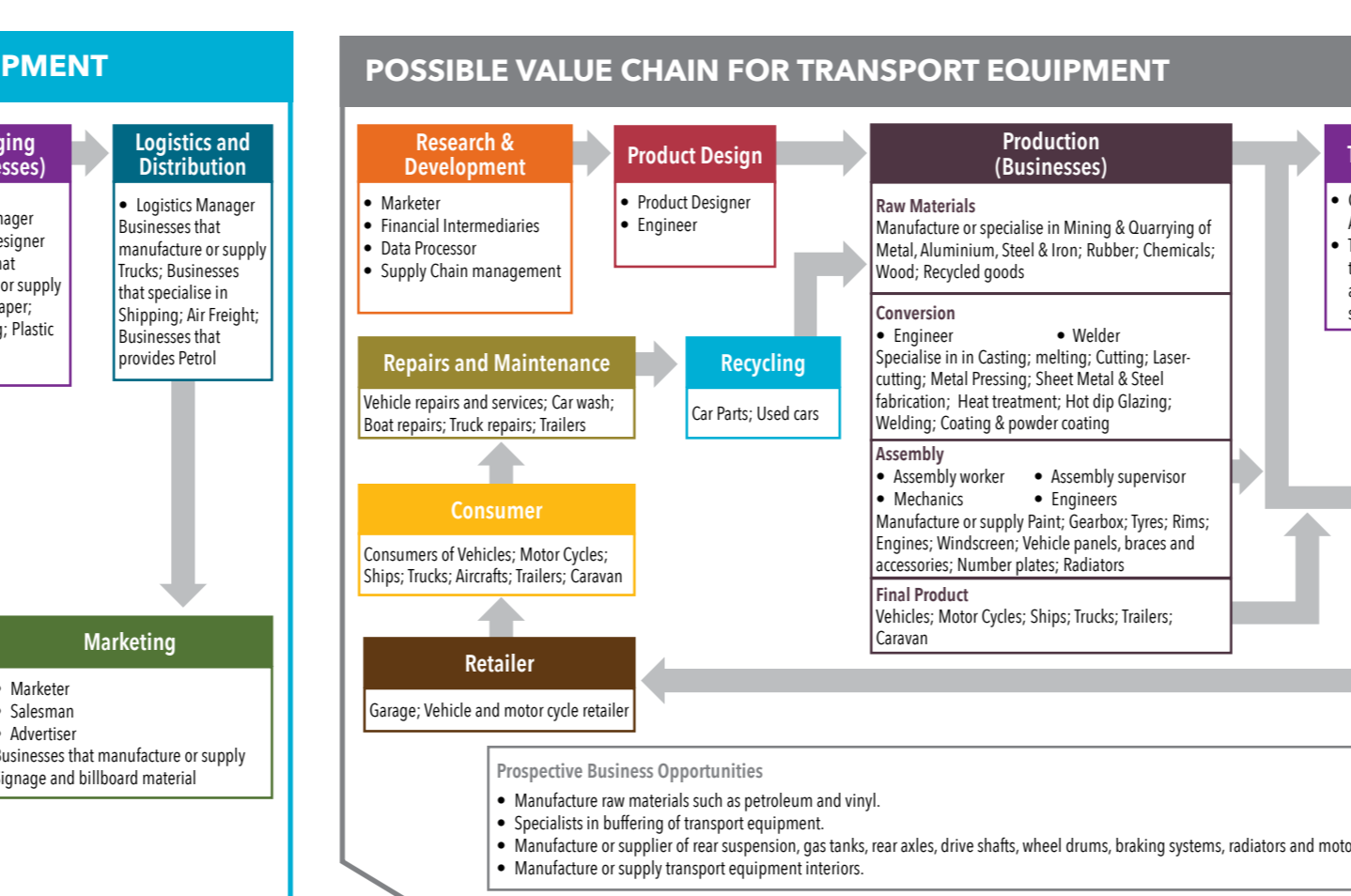- Electricity, gas and water supply

PHILIPPI NORTH INDUSTRIAL

Access	Distance to regional market nodes	30	Moderate
	Distance to freight corridors, gateways	29	Moderate
	Congestion index	30	High
	Public transport level-of-service (index)	0	Very low
	Public transport connectivity (index)	0	Very low
Infrastructure	Electricity (index)	1	Low risk
	Water Reticulation (index)	2	High risk
	Waste water treatment capacity (index)	1	Low risk
	Sewer (index)	1	Low risk
	Stormwater (incl. flood risk/ sea rise) (index)	1	Low risk
Security	Business burglaries	57%	Very unsafe
	Business robberies	13%	Very unsafe
5km catchment	Workers with tertiary education (2011)	76 802	Very high
	Postgraduates (2011)	16 777	High
	Morning commuter arrivals (all modes)	8 773	Low
	Future demand for retail, m² (2012-13)	3 980	Moderate
	Per capita monthly disposable income (2011)	R4 024	Very low
	Aggregate annual disposable income (2011)	R23 911 901 096	High

Dominant cluster: Warehousing or Storage of Goods
Secondary Cluster: Manufacturing Metal Goods

- Financial intermediation
- Transport, storage and communication
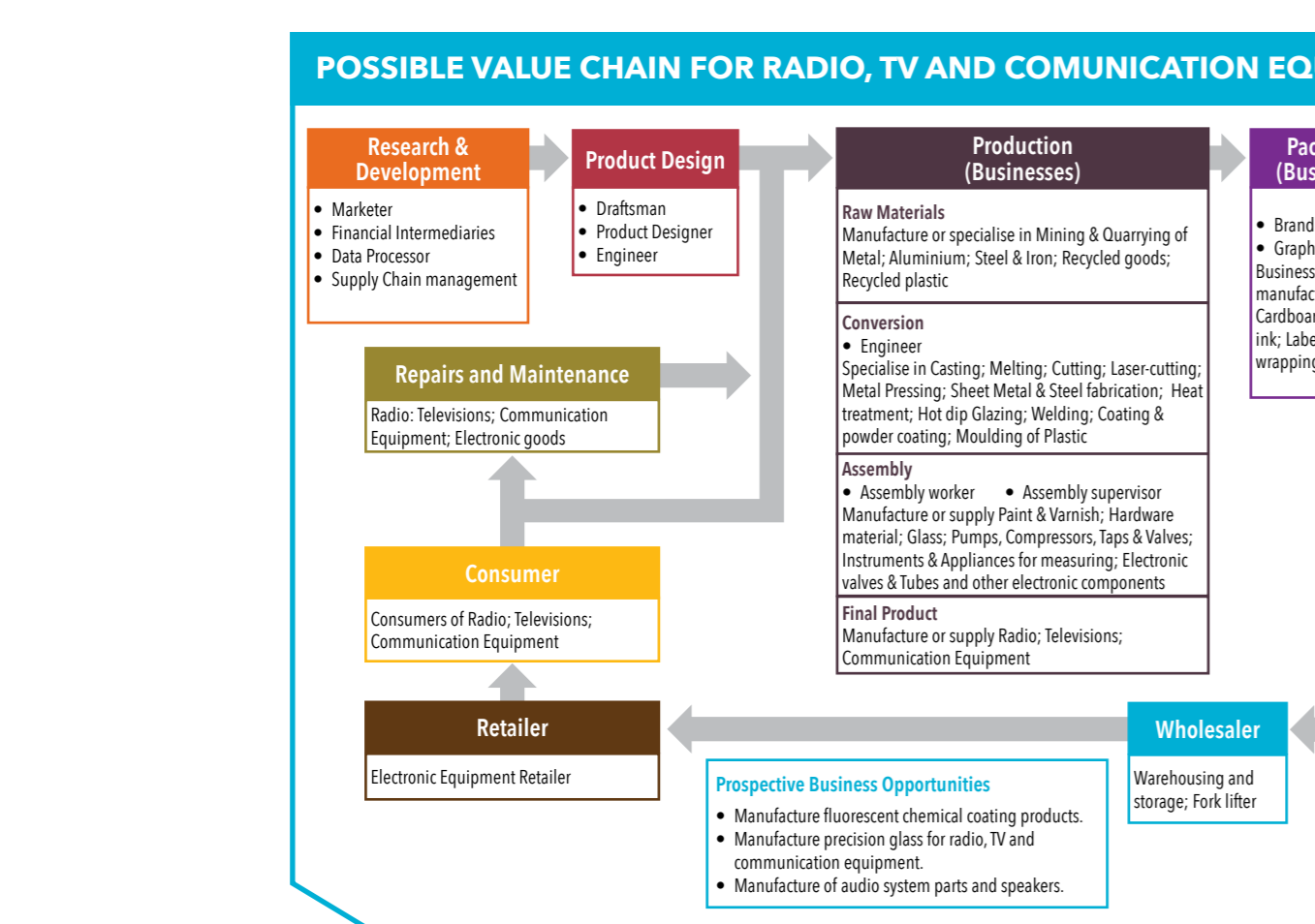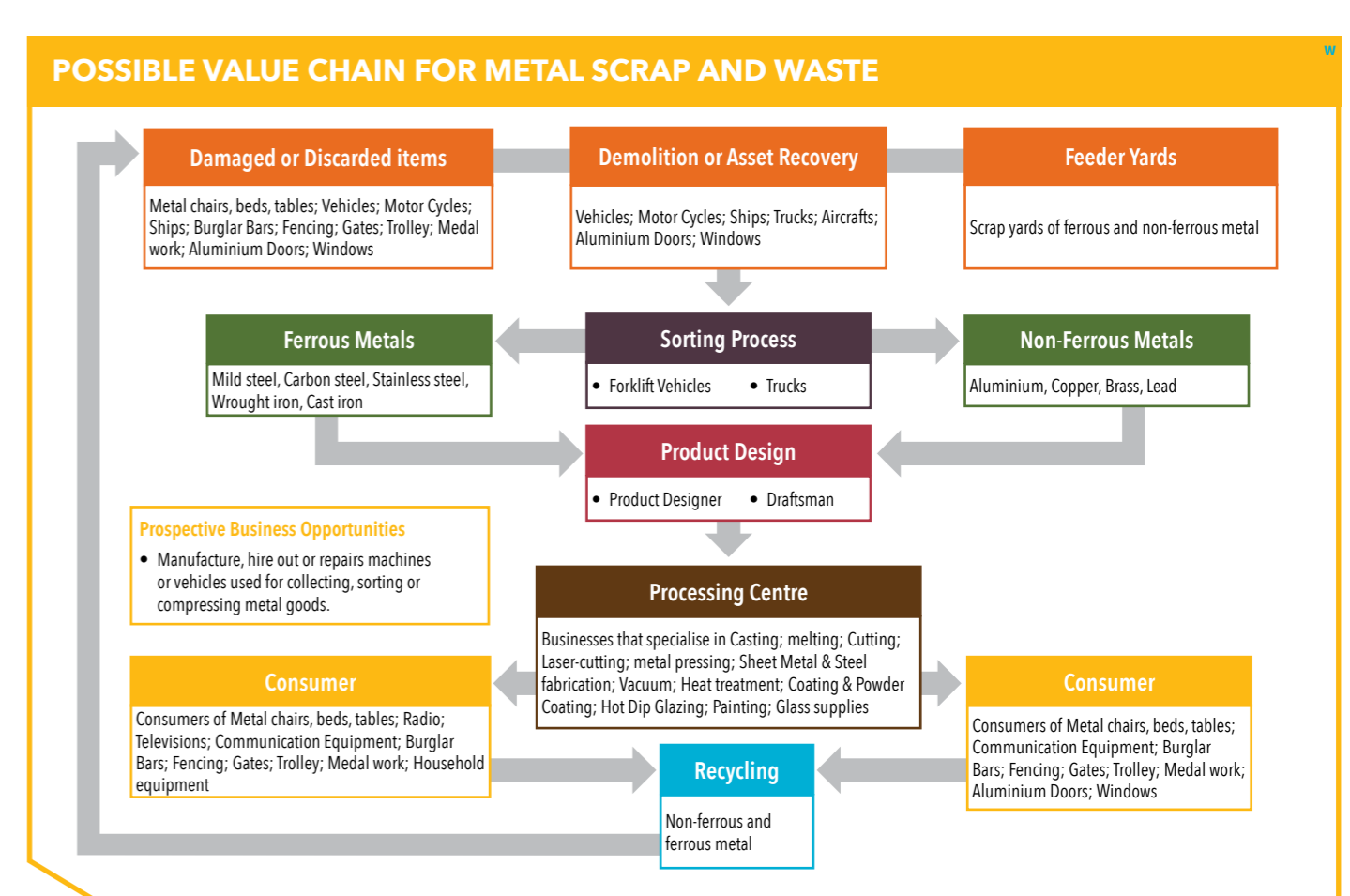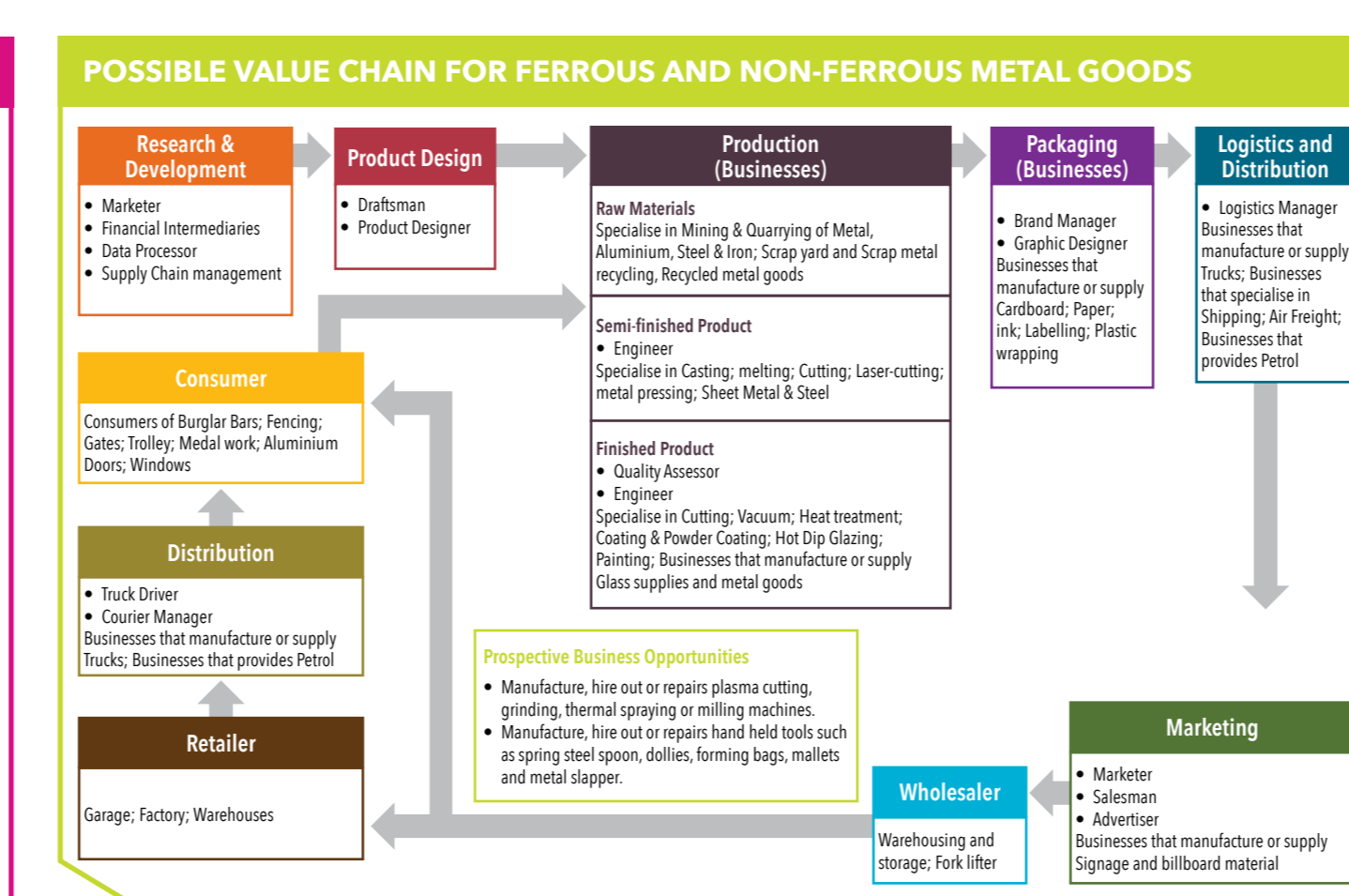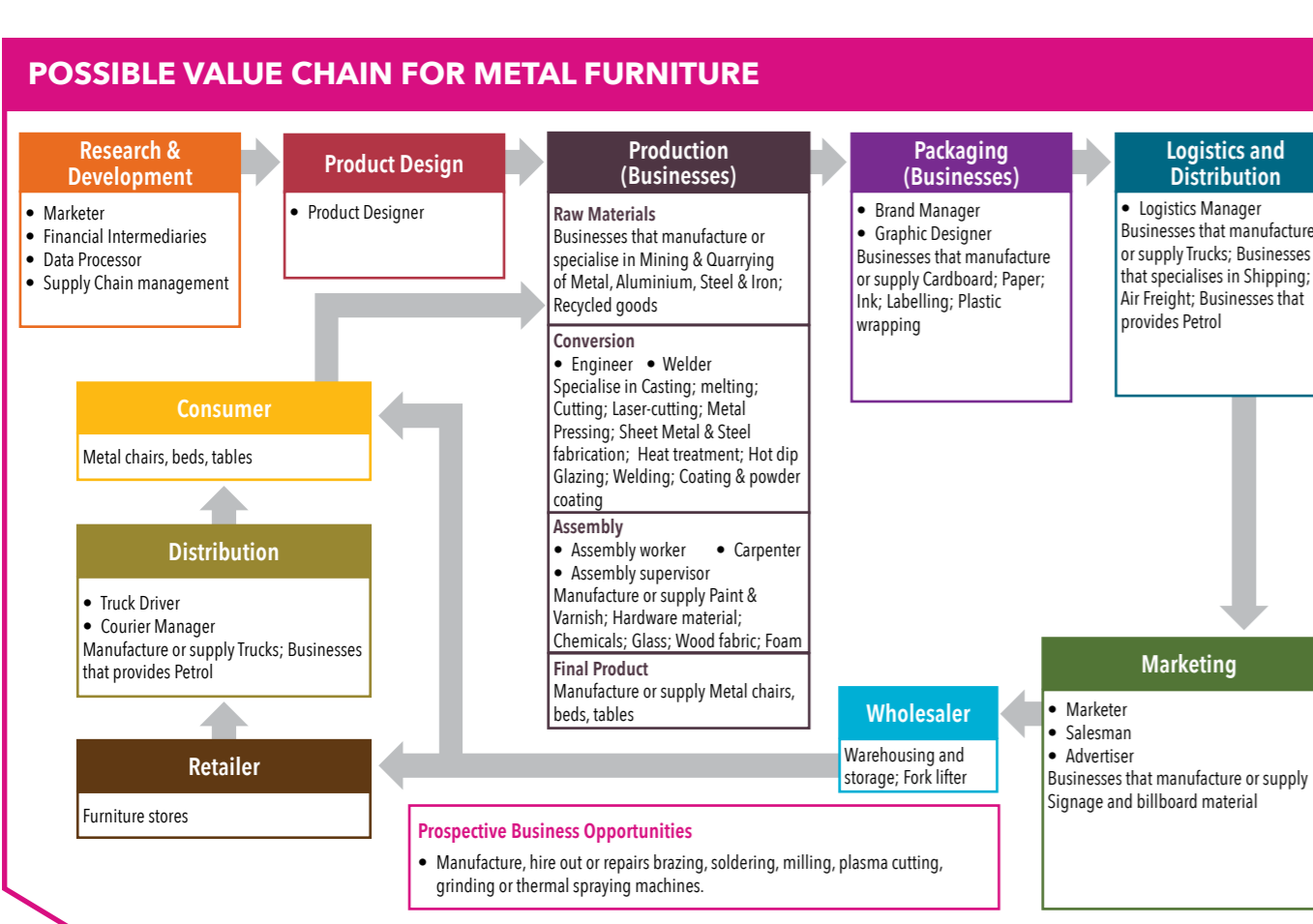- Wholesale and retail
- Manufacturing
- Construction

CORRIDOR INVESTMENT

1. Land and Public Transport
2. Housing
3. Wastewater Treatment Works and Solid Waste
4. Powerstation Redevelopment
5. Public Environment Upgrades
- ICT Upgrades
- City owned vacant land

USEFUL INFORMATION

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Table source:
http://web1.capetown.gov.za/web1/ECAMP

(Map showing: Epping Ind, Airport Ind, Athlone Ind, Philippi North, Philippi East, with roads VALHALLA DRIVE, MODDERDAM ROAD, KLIPFONTEIN ROAD, SETTLERS WAY, LANSDOWNE ROAD, SHEFFIELD ROAD)

POSSIBLE VALUE CHAIN FOR METAL FURNITURE

Research & Development: Marketer; Financial Intermediaries; Data Processor; Supply Chain management

Product Design: Product Designer

Production (Businesses): Raw Materials — Businesses that manufacture or specialise in Mining & Quarrying of Metal, Aluminium, Steel & Iron; Recycled goods. Conversion — Engineer; Welder; Specialise in Casting; melting; Cutting; Laser-cutting; Metal Pressing; Sheet Metal & Steel fabrication; Heat treatment; Hot dip Glazing; Welding; Coating & powder coating. Assembly — Assembly worker; Carpenter; Assembly supervisor; Manufacture or supply Paint & Varnish; Hardware material; Chemicals; Glass; Wood fabric; Foam. Final Product — Manufacture or supply Metal chairs, beds, tables

Packaging (Businesses): Brand Manager; Graphic Designer; Businesses that manufacture or supply Cardboard; Paper; Ink; labelling; Plastic wrapping

Logistics and Distribution: Logistics Manager; Businesses that manufacture or supply Trucks; Businesses that specialise in Shipping; Air Freight; Businesses that provides Petrol

Consumer: Metal chairs, beds, tables

Distribution: Truck Driver; Courier Manager; Manufacture or supply Trucks; Businesses that provides Petrol

Retailer: Furniture stores

Wholesaler: Warehousing and storage; Fork lifter

Marketing: Marketer; Salesman; Advertiser; Businesses that manufacture or supply Signage and billboard material

Prospective Business Opportunities: Manufacture, hire out or repairs brazing, soldering, milling, plasma cutting, grinding or thermal spraying machines.

POSSIBLE VALUE CHAIN FOR FERROUS AND NON-FERROUS METAL GOODS

Research & Development: Marketer; Financial Intermediaries; Data Processor; Supply Chain management

Product Design: Draftsman; Product Designer

Production (Businesses): Raw Materials — Specialise in Mining & Quarrying of Metal, Aluminium, Steel & Iron; Scrap yard and Scrap-metal recycling; Recycled metal goods. Semi-finished Product — Engineer; Specialise in Casting; melting; Cutting; Laser-cutting; metal pressing; Sheet Metal & Steel. Finished Product — Quality Assessor; Engineer; Specialise in Casting; Vacuum; Heat treatment; Coating & Powder Coating; Hot Dip Glazing; Painting; Businesses that manufacture or supply Glass supplies and metal goods

Packaging (Businesses): Brand Manager; Graphic Designer; Businesses that manufacture or supply Cardboard; Paper; ink; Labelling; Plastic wrapping

Logistics and Distribution: Logistics Manager; Businesses that manufacture or supply Trucks; Businesses that specialise in Shipping; Air Freight; Businesses that provides Petrol

Consumer: Consumers of Burglar Bars; Fencing; Gates; Trolley; Metal work; Aluminium Doors; Windows

Distribution: Truck Driver; Courier Manager; Businesses that manufacture or supply Trucks; Businesses that provides Petrol

Retailer: Garage; Factory; Warehouses

Marketing: Marketer; Salesman; Advertiser; Businesses that manufacture or supply Signage and billboard material

Wholesaler: Warehousing and storage; Fork lifter

Prospective Business Opportunities: Manufacture, hire out or repairs plasma cutting, grinding, thermal spraying or milling machines. Manufacture, hire out or repairs hand held tools such as grising steel spoon, dollies, forming bags, mallets and metal slapper.

POSSIBLE VALUE CHAIN FOR METAL SCRAP AND WASTE

Damaged or Discarded items: Metal chairs, beds, tables; Vehicles; Motor Cycles; Ships; Burglar Bars; Fencing; Gates; Trolley; Metal work; Aluminium Doors; Windows

Demolition or Asset Recovery: Vehicles; Motor Cycles; Ships; Trucks; Aircrafts; Aluminium Doors; Windows

Feeder Yards: Scrap yards of ferrous and non-ferrous metal

Ferrous Metals: Mild steel, Carbon steel, Stainless steel, Wrought iron, Cast iron

Sorting Process: Forklift Vehicles; Trucks

Non-Ferrous Metals: Aluminium, Copper, Brass, Lead

Product Design: Product Designer; Draftsman

Processing Centre: Businesses that specialise in Casting; melting; Cutting; Laser-cutting; metal pressing; Sheet Metal & Steel fabrication; Vacuum; Heat treatment; Coating & Powder Coating; Hot Dip Glazing; Painting; Glass supplies

Prospective Business Opportunities: Manufacture, hire out or repairs machines or vehicles used for collecting, sorting or compressing metal goods.

Consumer: Consumers of Metal chairs, beds, tables; Radio; Televisions; Communication Equipment; Burglar Bars; Fencing; Gates; Trolley; Metal work; Household equipment

Consumer: Consumers of Metal chairs, beds, tables; Burglar Bars; Fencing; Gates; Trolley; Metal work; Aluminium Doors; Windows

Recycling: Non-ferrous and ferrous metal

POSSIBLE VALUE CHAIN FOR RADIO, TV AND COMUNICATION EQUIPMENT

Research & Development: Marketer; Financial Intermediaries; Data Processor; Supply Chain management

Product Design: Draftsman; Product Designer; Engineer

Production (Businesses): Raw Materials — Manufacture or specialise in Mining & Quarrying of Metal; Aluminium; Steel & Iron; Recycled goods; Recycled plastic. Conversion — Engineer; Specialise in Casting; Melting; Cutting; Laser-cutting; Metal Pressing; Sheet Metal & Steel fabrication; Heat treatment; Hot dip Glazing; Welding; Coating & powder coating; Moulding of Plastic. Assembly — Assembly worker; Assembly supervisor; Manufacture or supply Paint & Varnish; Hardware material; Glass; Pumps, Compressors, taps & Valves; Instruments & Appliances for measuring; Electronic valves & Tubes and other electronic components. Final Product — Manufacture or supply Radio; Televisions; Communication Equipment

Packaging (Businesses): Brand Manager; Graphic Designer; Businesses that manufacture or supply Cardboard; Paper; ink; labelling; Plastic wrapping

Logistics and Distribution: Logistics Manager; Businesses that manufacture or supply Trucks; Businesses that specialise in Shipping; Air Freight; Businesses that provides Petrol

Repairs and Maintenance: Radio; Televisions; Communication Equipment; Electronic goods

Consumer: Consumers of Radio; Televisions; Communication Equipment

Retailer: Electronic Equipment Retailer

Wholesaler: Warehousing and storage; Fork lifter

Marketing: Marketer; Salesman; Advertiser; Businesses that manufacture or supply Signage and billboard material

Prospective Business Opportunities: Manufacture fluorescent chemical coating products. Manufacture precision glass for radio, TV and communication equipment. Manufacture of audio system parts and speakers.

POSSIBLE VALUE CHAIN FOR TRANSPORT EQUIPMENT

Research & Development: Marketer; Financial Intermediaries; Data Processor; Supply Chain management

Product Design: Product Designer; Engineer

Production (Businesses): Raw Materials — Manufacture or specialise in Mining & Quarrying of Metal, Aluminium, Steel & Iron; Rubber; Chemicals; Wood; Recycled goods. Conversion — Engineer; Welder; Specialise in Casting; Melting; Cutting; Laser-cutting; Metal Pressing; Sheet Metal & Steel fabrication; Heat treatment; Hot dip Glazing; Welding; Coating & powder coating. Assembly — Assembly worker; Assembly supervisor; Mechanics; Engineers; Manufacture or supply Paint; Gearbox; Tyres; Rims; Engines; Windscreen; Vehicle panels, braces and accessories; Number Plates; Radiators. Final Product — Manufacture or supply Vehicles; Motor Cycles; Ships; Trucks; Trailers; Caravan

Testing: Quality Assessor; Technical testing and analysis supervisor

Logistics and Distribution: Logistics Manager; Businesses that manufacture or supply Trucks; Businesses that specialise in Shipping; Air Freight; Businesses that provides Petrol

Repairs and Maintenance: Vehicle repairs and services; Car wash; Boat repairs; Truck repairs; Trailers

Recycling: Car Parts; Used cars

Consumer: Consumers of Vehicles; Motor Cycles; Ships; Trucks; Aircrafts; Trailers; Caravan

Retailer: Garage; Vehicle and motor cycle retailer

Marketing: Marketer; Salesman; Advertiser

Prospective Business Opportunities: Manufacture raw materials such as petroleum and vinyl. Specialists in buffering of transport equipment. Manufacture or supplier of rear suspension, gas tanks, rear axles, drive shafts, wheel drums, braking systems, radiators and motor vehicle batteries. Manufacture or supply transport equipment interiors.

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