

MSME DEVELOPMENT INSTITUTE - GOA



**BRIEF INDUSTRIAL PROFILE
NORTH GOA DISTRICT**



सत्यमेव जयते
Government of India
Ministry of MSME

BRIEF INDUSTRIAL PROFILE OF NORTH GOA DISTRICT



सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

Carried out by

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FOREWARD

Micro, Small & Medium Enterprises Development Institute (MSME-DI), Margao-Goa has prepared District Industrial Profile of North Goa District under its action plan activities for 2016-17. The Profile has been prepared after collecting, collating and compiling all relevant information & data, which have been duly analysed and incorporated in the profile. Interaction with other Departments and Industry Associations are also taken into account while making the Profile. It contains such information as present status of MSME and its growth over the years. The prospect for setting up of new enterprises is analysed at the backdrop of availability of material resources, support institutions, existing infrastructure, and policy frame work set out by the Government. It is hoped that Entrepreneurs, Developmental Agencies and Policy formulators shall find the profile informative & useful.

I would like to place on record, the efforts made by Smt. Deepa G L Asstt. Director (EI) in preparing this profile.

Margao

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G.R Akadas

Director

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1. General Characteristics of the District:

The scenic beauty of the coastlines of North Goa with bays and headlands broken by large estuaries of Mandovi River attracts tourists from all over the world. Baga and Calangute beaches of North Goa are of main tourist attractions due to their extensive curved stretches and palm fringes.

1.1 Location & Geographical Area.

The North Goa District has a geographical area of 1756 Sq. Km. The district lies between 15°48'00" N to 14°53'54" N latitudes and 73°E to 75°E longitudes. The district is bounded in the north by the river Tiracol that separates it from the Sindudhurg district of Maharashtra State ; in the east by Belgaum district of Karnataka state; in the south by Zuari river; and in the west by the Arabian Sea.

1.2 Topography:

North Goa district comprises of coastal plain on the west, lateritic plateaus at the central portion and western ghats along the eastern most part. The river basins and the coastal alluvial flats are the lowlands of North Goa. The types of soil available in the district are sandy, red loamy, coastal alluvium and laterite.

Principal perennial rivers flowing through the district are Tiracol, Chapora, Mandovi&Zuari. Baga river is the non-perennial river in the district. The important lakes of North Goa are Mayem, Chimbél, Carambolim and Calapur.

1.3 Availability of Minerals:

Iron ore, Manganese ore, Bauxite are minerals of economic importance available in Goa. Minor minerals include Basalt, Laterite stones, River sand, Murrum etc. Major mining areas of Iron ore are Sanguem, Bicholim and Sattari talukas. Iron ore is exported to China, Japan, Europe and the Middle East.

Production and export details of major minerals for the State of Goa are depicted in the table below.

Table 1: Production and export of major minerals

Sl.No	Name of Mineral	Production (in Million Tonnes)		Export (in Million Tonnes)	
		2013-14	2014-15	2013-14	2014-15
Major Mineral					
1.	Iron Ore	NIL	NIL	.071	0.923
2.	Manganese Ore	NIL	NIL	NIL	NIL
3.	Bauxite	0.444	0.2685	0.153	0.2672

Source: Directorate of Mines & Geology, Goa

1.4 Forest:

The tropical wet forests of evergreen type with a variety of species strands in the deeper valleys of the ghats in North Goa. Tall trees, climbing creepers and dense humus matting are characteristics of the forest. Teak trees occupy major portion of the forest area. Bamboo and Cane are also available. 21% of the total geographical area of the district is under forest cover. The forest cover is mainly along the Western Ghats areas of Sattari (55%). Forest cover is very less in other blocks of the district. Table below gives an idea of the forest cover in different blocks of the district.

Table 2:Block wise Forest area in North Goa (ha)

Block	Forest area (ha)
Tiswadi	178(1%)
Pernem	-
Bardez	1343.26(5%)
Bicholim	803(4%)
Sattari	28099 (55%)
Total	30423.26(21%)

Source: NABARD Potential Linked Credit Plan (PLP) North Goa (2016-17)

1.5 Administrative set up.

To facilitate revenue administration, North Goa district is divided into six talukas namely Bardez, Bicholim, Pernem, Ponda, Sattari & Tiswadi and four sub-divisions namely Panaji, Mapusa, Bicholim & Ponda. Talukas are further subdivided into revenue circles and circles into revenue sazas. Saza consists of a group of villages which is under the charge of a Talathi. Circle inspector is incharge of the group of sazas of that revenue circle .Mamlatdar is the head of Talukarevenue office. District administration is headed by the Collector. Collector also functions as District Magistrate.

2. District at a glance

Table 3: North Goa district at a glance

Sl. No.	ITEM	Reference Period	NORTH GOA						
			Tiswadi	Bardez	Pernem	Bicholim	Sattari	Ponda	North Goa
I	TOWNS & VILLAGES								
1	Total number of villages	2011	22	28	23	22	77	22	194
	i) No. of inhabited villages	2011	22	28	23	22	71	22	188
	ii) No. of un-inhabited villages	2011	-	-	-	-	2	-	2
2	No. of villages included in urban agglomeration	2011	11	-	-	-	-	-	11
3	No. of towns	2011	10	16	5	4	2	10	47
II	AREA AND POPULATION								
1	Area (Sq.Km.)	2011	213.55	263.98	251.68	238.79	495.13	292.78	1755.91
2	Total population	2011	1,77,219	2,37,440	75,747	97,955	63,817	1,65,830	8,18,008
3	Density per Sq.Km.	2011	830	899	301	410	129	566	466
4	Total No. of household	2011	42,241	57,147	17,248	22,414	14,367	38,349	1,91,766
5	Male population	2011	90,136	1,19,892	38,652	49,931	32,574	85,492	4,16,677
6	Female population	2011	87,083	1,17,548	37,095	48,024	31,243	80,338	4,01,331
7	Rural population	2011	37,549	74,321	45,681	55,775	49,422	62,179	3,24,927
8	Urban population	2011	1,39,670	1,63,119	30,066	42,180	14,395	1,03,651	4,93,081
9	No. of main workers	2011	65,660	80,338	19,251	29,766	16,498	57,924	2,69,437
10	Main workers participation	2011	37.05	33.84	25.41	30.39	25.85	34.93	32.94

	rate to total population (percent)								
III	AGRICULTURE								
1	Net area sown (Ha)	2014-15	10557	16240	14173	11167	14299	10364	76800
2	Areasownmorethanonce(Ha)	2014-15	1440	3870	6920	2306	1072	2227	17835
3	Gross cropped area (Ha)	2014-15	11997	20110	21093	13473	15371	12591	94635
4	Area under paddy (Ha)	2014-15	4415	5880	4290	2290	1100	3230	21205
5	Area under other cereals millets/pulses & oil seeds (Ha)	2014-15	295	3651	4952	333	250	0	9481
6	Area under Sugarcane (Ha)	2014-15	0	0	37	9	78	5	129
7	Area under Coconuts (Ha)	2014-15	1719	3040	1663	1542	947	2488	11399
8	Area under Arecanuts (Ha)	2014-15	3	21	9	80	367	992	1472
9	Area under Cashewnuts (Ha)	2014-15	4062	6428	8481	7768	10616	3464	40819
10	Area under vegetables (Ha)	2014-15	990	448	1055	543	302	602	3940
11	Area under garden crops(Ha)	2014-15	480	593	571	764	1259	1624	5291
12	i) Average yield of rice per Ha. (In kg)								
	a) Kharif	2014-15	2955	2910	2945	2586	2574	2225	2847
	b) Rabi	2014-15	2574	2284	2963	2770	2629	2779	2760
13	Normal rainfall (m.m)	1951- 2000 (Avg.)	2938.1	3046.8	-	-	4368.0	3528.3	3470.3
14	Actual rainfall (m.m)	2014	3034.3	2990.6	3291.7	3661.9	4480.4	3528.5	3467.8
IV	ANIMAL HUSBANDARY								
1	No. of veterinary hospitals	2014-15	1	1	0	0	1	1	4
2	Livestock and Poultry	2012	45048	32399	30829	36452	44304	86497	275529
	i) No. of Cattle	2012	2331	3971	5051	5224	8357	5088	30022
	ii) No. of Buffaloes	2012	1924	2457	3711	4435	2799	3647	18973
	iii) No. of Pigs	2012	3183	1783	1251	143	22	2348	8730
	iv) No. of other animals	2012	1	2	0	0	0	5	8
	v) (a) No. of poultry (Backyard)	2012	6017	9510	16137	9117	10788	7800	59369
	(b) No. of poultry (Birds in farm)	2012	28709	2055	0	13758	20500	62654	127676
	vi) Goats	2012	368	1006	1695	1080	463	1259	5871
	vii) Dogs	2012	2403	11615	2982	2695	1371	3693	24759
	viii) Rabbits	2012	112	0	2	0	4	3	121
V	POWER								VI
1	No. of towns electrified	2014-15	Fully electrified						1
2	No. of villages electrified	2014-15	Fully electrified						2
VI	EDUCATION								
1	Total literacy rate (percent)	2011	90.37	90.98	88.05	89.24	85.24	89.21	89.57
2	No. of colleges/university for general education (Arts, Science & Commerce)	2014-15	4	4	2	2	0	4	16
3	No. of colleges for professional education	2014-15	13	4	0	0	1	7	25
4	No. of I.T.I's	2014-15	3	1	1	2	1	1	9
5	No. of schools for professional education (post - matric)	2014-15	2	1	0	1	0	0	4
6	No. of students in colleges/university for general education	2014-15	3507	3929	450	1509	0	2235	11630
7	No. of students in colleges for professional education	2014-15	3649	958	0	0	690	3400	8697
8	No. of students in I.T.I's	2014-15	414	282	162	527	363	562	2310
9	No. of students for professional education (post- matric)	2014-15	1076	763	0	442	0	0	2281
10	No. of libraries (private)	2014-15	4	5	4	5	4	9	31
11	No. of libraries (government)	2014-15	8	10	15	3	10	3	49
VII	BANKING								
1	No. of scheduled commercial	As on	115	131	19	24	9	61	359

	banking offices excluding Co-operative Bank	31/03/14							
2	No. of co-operative banking offices	As on 31/03/14	29	24	8	11	5	17	94
VIII	CO-OPERATION								
1	No. of co-operative societies functioning	2014-15	568	553	179	470	110	542	2422
2	No. of service co-operative societies functioning	2014-15	5	10	1	12	4	14	46
IX	TRANSPORT AND COMMUNICATION								
1	No. of taxis plying on the road (black & yellow)	2014-15	84	143	4	0	0	12	243
2	No. of Post Offices	2014-15	26	48	19	17	19	29	158
3	No. of Telegraph Offices	2014-15	1	2	1	1	1	1	7
4	No. of Telephones in Use								
	i) Rural	As on 31/03/15	22799	6808	1934	2565	761	7199	42066
	ii) Urban	As on 31/03/15	1711	18325	636	820	415	5689	27596

Source: Goa at a glance 2015

3. Industrial Scenario of North Goa District

Goa state which was traditionally a rural economy has slowly transformed into a fast growing industrial centre .Major industrial activities encompass Pharmaceutical, Mining, Tourism, Marine based, Electrical,Electronics and Ship building activities.

Natural beauty of Goa attracts tourists from all over the world creating a flourishing tourism Industry. The hospitality industry thrives in the state throughout the year.

Government of Goa in its recent investment policy has identified certain thrust areas for investment namely Knowledge based industry, R&D centers Pharmaceuticals & Bio-Technology, Tourism, Light Engineering, Aviation, Aerospace and Defence, Information Technology (IT), Electronics, Agro -based and Food Processing industries.

Mining (Iron ore and Manganese), Pharmaceuticals, Iron and Steel industries are the major industries present in North Goa. Tourism is the largest segment in the services sector.

3.1 Trend in registered MSME in North Goa

The table below gives year wise Micro,Small and Medium enterprises in North Goa district registered with Directorate of Industries Trade and Commerce, Goa under EM part II.

Table 4:MSME in North Goa district registered under EM part II

Year	UNITS				EMPLOYMENT GENERATED				INVT. IN PLANT & MACHINERY (in lakhs)			
	Micro	Small	Medium	Total	Micro	Small	Medium	Total	Micro	Small	Medium	Total
Oct. 06 to Mar. 07	0	1	0	1	0	27	0	27	0.00	442.00	0.00	442.00
2007-08	20	5	0	25	112	329	0	441	89.78	260.46	0.00	350.24
2008-09	23	8	2	33	204	370	78	652	129.16	848.00	686.00	1663.16
2009-10	27	15	0	42	213	1079	0	1292	259.65	1607.92	0.00	1867.57
2010-11	18	7	0	25	134	492	0	626	150.68	911.00	0.00	1061.68
2011-12	19	9	0	28	140	409	0	549	169.15	869.00	0.00	1038.15
2012-13	24	12	0	36	161	627	0	788	90.52	1297.59	0.00	1388.11
2013-14	40	14	5	59	590	633	337	1560	335.09	1872.62	2237.09	4444.80
2014-15	49	22	1	72	451	1448	102	2001	312.75	3930.35	685.00	4928.10
TOTAL	220	93	8	321	2005	5414	517	7936	1536.78	12038.94	3608.09	17183.81

Source: Directorate of Industries Trade and Commerce, Goa

In North Goa district, 220 Micro units, 93 small units and 8 Medium units registered under EM part II.

3.2 District wise Product wise classification of MSME in North Goa

Table below gives the details on district wise product-wise classification of MSME in North Goa.

Table 5: District wise Product -wise classification of MSME in North Goa.

Sl. No.	Product Group	No. of Units Registered	
		2013-14	2014-15
1	Food Products	10	6
2	Beverages & Tobacco Products	6	4
3	Jute, Hemp & Mesta Textile	0	1
4	Textile Products & Garments	0	0
5	Wood Products & Wooden Furniture, Fixture	3	3
6	Paper Products including Printing / Publishing	2	2
7	Leather & Leather Products	0	0
8	Rubber, Plastic, Petroleum and Coal Products	2	5
9	Chemical Products (except Petroleum and Coal Products)	1	6
10	Non Metallic Minerals	1	0
11	Basic Metal & Alloys	8	10
12	Metal Products & Parts (except M/c. & transport eqpt.)	1	0
13	Machinery, Tools & Parts (except & electrical M/c.)	1	3
14	Electrical Machinery & Apparatus & Supplier Parts	3	1
15	Transport Equipment & Parts	1	0
16	Other Mfg. Industries	11	17
17	Repair / Services	9	15
	TOTAL	59	73

Source: Directorate of Industries, Trade & Commerce, Goa

3.3 Details of Artisans in North Goa District

Craftsmanship of the local artisans in Goa has carved out a niche for itself. The art and craft of Goa displays the aesthetic blend of Portuguese and Indian cultures. The products are sold through handicraft emporia at all the major tourist spots.

The major art forms of the state include bamboo craft, wood carving, pottery and terracotta craft, brass metals, seashell craft, wooden lacquer ware. Other important crafts are jute macrame, fabric collage, plaster of paris, crochet and embroidery, fibre work, batik prints, stone carving, coconut shell carving, metal embossing, silver and imitation jewellery, soft toys, woollen tapestry and artistic weaving.

The Goa Handicrafts, Rural & Small Scale Industries Development Corporation Limited (GHRSSIDC), a Government of Goa undertaking, set up in 1980 performs the role of promoting and marketing the Goan handicrafts by making these items available through its various outlets.

Majority of the artisans in North Goa district are engaged in bamboo craft activities and are concentrated in Pernem and Sattari blocks. The raw material is procured from nearby areas as these are bamboo cultivating areas. Some artisans are also engaged in seashells craft, paper craft, patchwork, etc.

3.4 Large Scale Industries in North Goa District

Details of Large Scale Industries in North Goa district is shown in Annexure 1

3.5 Existing Status of Industrial Areas in the District:

The Goa Daman and Diu Industrial Development Corporation (GDDIDC) (at present renamed as Goa Industrial Development Corporation) was established by the Government of Goa, Daman & Diu in February 1966 under the provisions of Goa, Daman and Diu Industrial Development Act, 1965 with the objectives of assisting in the rapid establishment of industries in Industrial Areas and Industrial Estates in Goa.

There are twelve Industrial areas in the district the details of which are given in the table below.

Table 6: Existing Industrial Areas in North Goa District

Sl. No.	Name of Ind. Area	Land acquired (in m2)	Land developed (in m2)	Prevailing Rate per Sq.m(in m2)	No. of plots	No. of allotted plots	No. of vacant plots	No. of units in production
1	Pissurlem	801720	271037	750.00	133	116	17	18
2	Honda	653968	368932	750.00	66	66	Nil	31
3	Bicholim	212276	136739	1000.00	150	150	Nil	93
4	Tivim	253744	186407	1500.00	153	153	Nil	120
5	Colvale	231070	149989	1500.00	28	28	Nil	22
6	Mapusa	66899	46207	1500.00	47	47	Nil	30
7	Pilerne	501995	333643	1500.00	155	155	Nil	91
8	Tuem	638406	156977	1000.00	135	127	8	32
9	Corlim	211363	152846	1500.00	159	159	Nil	87
10	Kundaim	2498336	1380601	1500.00	452	440	Nil	282
11	Madkai	530410	32744	1250.00	139	139	Nil	68
12	Bethora	204558	116694	1250.00	129	129	Nil	94

Source:Goa Industrial Development Corporation

3.6 Existing Status of Industrial Estates in North Goa District

There are twelve Industrial Estates in North Goa District details of which are given in the table below.

Table 7: Existing status of Industrial Estates in North Goa District

Sl. No.	Name of Ind. Estate	Total no. of Sheds	No. of allotted Sheds	No. of vacant Sheds	No. of Units in production
1	Pissurlem	Nil	---	---	---
2	Honda	31	31	Nil	30
3	Bicholim	72	72	Nil	72
4	Tivim	89	89	Nil	89
5	Colvale	Nil	---	---	---
6	Mapusa	30	30	---	30
7	Pilerne	Nil	---	Nil	---
8	Tuem	22	22	Nil	22
9	Corlim	76	76	Nil	69
10	Kundaim	72	72	Nil	72
11	Madkai	Nil	---	---	---
12	Bethora	41	41	Nil	40

Source:Goa Industrial Development Corporation

4. Major Exportable Items in North Goa District

Major items being exported from Goa are iron ore, marine products, pharmaceutical products and cashew products.

Goa is a major iron ore exporting state and over 60% of country's iron ore export is from Goa. There are 157 pharma companies operating in Goa with 71 of them located in North Goa at Karaswada, Mapusa, Tivim, Corlim and Tuem industrial areas. The major Pharma companies, such as Cipla, Merck, Watson, Wyeth, Ranbaxy, Pfizer, Ratiopharm and Lupin are exporting drugs.

Cashew is cultivated in 11796 ha area in North Goa and production is about 8351 MT. There are 398 cashew processing units in Goa with a processing capacity of 35000 MT. But there are only a few exporters of processed cashew.

During 2014, 34228 MT of marine products of value 445.92 cr was exported from Goa. This is about 26% of the fish production in Goa during 2014.

The engineering industries like IFB, D-Link, and Zenith Industries are the major exporters of electronic products through Mormugao Port Trust.

Products from other sectors such as engineering goods, ophthalmic lenses, concrete products, handicrafts, textiles, incense sticks, ayurvedic health foods and fashion footwear are also making inroads into export market.

5. Vendorisation of Industries

Goa Shipyard Ltd. (GSL) is the only PSU in Goa. GSL identified 28 generic items out of 358 items reserved only for MSE the details of which are provided in the website of GSL www.goashipyard.co.in

24 prospective vendors have applied for registration during 2015-16. GSL is actively participating in the Vendor Development Programmes organized by MSME DI, Goa to create awareness among MSE about the requirements of Input Product Profile and encourage for registration.

Number of vendors registered year wise with GSL in a cumulative manner is shown in the table below.

Table 8: Cumulative number of vendors registered year wise with GSL

No. of Vendors registered	2013-14	2014-15	2015-16
	102	115	141

Source: Goa Shipyard Ltd. (GSL)

Annual procurement details of GSL for the last three years are shown in the table below.

Table 9: Annual procurement details of GSL

Sl. No	Particulars	2013-14	2014-15	2015-16
1	Total annual procurement (In value)	308.2 CRORE	80.96 CRORE	293.1 CRORE
2	Total value of Goods & services procured from MSEs	4.5 CRORE	18.57 CRORE	64.55 CRORE
3	Percentage procurement from MSEs out of total procurement	1.5%	22.93%	22.03%

Source: Goa Shipyard Ltd. (GSL)

6. Service Enterprises

The key service sectors in the district include Tourism, Hospitality & Travel, Transportation/Logistic/Warehousing & Packaging and IT enabled services. North Goa district being the main centre of tourism activities there exist of large numbers hospitality industries at Calangute, Baga, Candolim and at Panaji.

6.1. Potential areas of Service Enterprises

Food & beverage outlets, entertainment centres, handicraft outlets, water sports, adventure sports, hinterland river cruise tourism, heritage tourism, home stays, life guard, travel guide are potential areas of service sector directly related with tourism industry. Other potential service enterprises include Mobile repair, laptop repair, beauty salon, plumbing, auto mechanic, photography, electric repairing, welding, cold storage facilities, container repairs

Outsourcing activities in the areas of legal outsourcing, engineering outsourcing, medical outsourcing and other similar knowledge based outsourcing, design services, IT enabled services, animation & gaming, digital entertainment, are also having scope in this district.

7. Potential for new MSME in North Goa district

There is scope for bio-technology related activities, light engineering industries, defence products and components and value added agricultural, fish and animal husbandry produce.

1. Agricultural Resource based Activities:

. Based on Coconut

1. Preservation and packing of tender coconut water
2. Snow ball tender nut
3. Coconut jelly
4. Coconut vinegar
5. Desiccated coconut
6. Coconut chips
7. Bottled coconut milk
8. Virgin coconut Oil
9. Activated carbon
10. Coconut shell based handicrafts.

• Based on cashew

1. Cashew apple Juice
2. Cashew apple candy
3. Cashew apple jam
4. Cashew apple pickle
5. Cashew feni
6. Cashew Shell Oil

2. Activities under Horticulture

1. Flower bouquets making
2. Polyhouses for
 - a. flowers like orchids, gerbera, chrysanthemum, anthurium,
 - b. vegetables like capsicum, cucumber
3. Fruits and spices cultivation
4. Vegetable cultivation
5. Mushroom Cultivation

3. Fisheries related activities

1. Value added fish products
2. Brackish water prawns farming
3. Fresh water fish culture

4. Animal Husbandry related

1. Dairy farming
2. Calf rearing
3. Modern dairy units

5. Tourism related activities:

1. Erection of shacks, tents, huts to entertain tourists
2. Cruise tourism
3. Medical tourism
4. Cultural tourism
5. Adventure tourism
 - a. in water like water sports
 - b. in land area like trekking, biking, wild life safaris.
6. Dolphin cruises and crocodile spotting, island trips, paragliding and parasailing.
7. Ecotourism

6. Based on Human Resource:

- 1 IT enabling service operations.
2. Software Development
3. BPO

7. Demand based activities:

1. Bread & Bakery products
2. Masala Powder
3. Packaged Drinking Water
4. Cold Drink and Aerated Water
5. Paper Bags
6. Paper disposable cups/plates
7. Uniforms for Hotels & Restaurants and Industry
8. Consumer Chemical Products like Phenyl, liquid soap, floor cleaner, Air fresheners, naphthalene Balls,
9. Decorative Candles
10. Handicrafts including terracotta, sea-shell products.
11. Cotton & Jute Bags
12. Artificial/imitation jewellery
13. Herbal Products

8. Existing Cluster of Micro and Small enterprises:

8.1 Details of Cluster in Manufacturing Sector: There is a Gold Jewellery Cluster existing in North Goa district under manufacturing sector the details of which are given in the table below.

Table 10: Details of Gold Jewellery Cluster existing in North Goa district:

Cluster Details	
Name of the cluster	Jewellery Cluster, Goa
Name of the SPV	Goa Gold Jewellery Cluster, North Goa
Age of the cluster	60 years
Address of the cluster	Mapusa, Goa
Geographical spread	8 Kms
Total Units in the Cluster	140
Total Employment Direct/Indirect	Direct - 560 ; Indirect- 2500 Men - 90% ; Women - 10%
Type Of Cluster	100% Micro
Products of the cluster	<ul style="list-style-type: none"> ❖ Gold Bangles ❖ Gold Ear Rings ❖ Gold Rings ❖ Gold anklets ❖ Other types of Gold and Silver Ornaments
Technology used in the cluster	Majority of the cluster units follow conventional technology in production of Jewellery
Average Turnover of the cluster	Rs. 84 Crores
Market Domestic/Export	Mapusa and surrounding districts of Goa
Units Details	
Total Number of units	Total Units - 140
Micro units	140
Small Scale	0
Scale of Investment in each unit	Rs. 2 Lakhs Average
Average Employment per unit men/women	4
Average annual turnover/unit	Rs 60 lakhs/annum
No. of units doing Export	Nil Indirect export through Dealers and Tourists
Raw Material and Raw Material Availability	The most used raw materials in the cluster are gold copper alloy for structuring and Silver. The other raw materials used are cut stones and high grades diamonds.

9. General Issues raised by Industry Associations

The biggest hurdle to manufacturing in Goa is lack of availability of land. Quality of Power is not up to the mark. There is frequent shut down in power supply. The increase in the power tariff as per the notification issued under various sections of Electricity Act on 24th April, 2015 has affected MSME. Hospitality Industry is affected most due to Time of Day Tariff Order which has notified 6:00 PM to 11:00 PM as Peak Demand Period with tariffs 20% higher than normal tariffs. It is inconvenient for the Goan Industry to take up electricity issues with Joint Electricity Regulatory Commission which operates from Gurgaon in Haryana, near New Delhi.

Goa's remarkable performance on a number of human development indices combined with the preference of locals for white collar jobs and relatively high wages creates the labour scarcity. Non availability of skilled labour, technology obsolescence, market fluctuation, non- availability of timely credit etc are the factors which are acting as hindrance to the development of MSME. The depressed market conditions have put many existing units under financial strain.

Currently Micro and Small enterprises are not able to avail land in Industrial estates since land is allotted in big size which are not fully utilised. Associations demanded setting up of Plug and Play Gala type Industrial Sheds for Micro & Small enterprises.

The current status of most Industrial Estates are precarious. Industrial Estates have to be self sufficient with dedicated power, water etc. Measures are to be taken to modernise the Industrial estates. Recently increased sub-leasing charges by Goa Industrial Development Corporation affect new entrepreneurs adversely.

Associations have recommended that a task force may be constituted to look into formulating processes for easy approvals and reducing the cost of doing business in the state.

The tele-communication infrastructure in the state is very poor and connectivity in the hinterland is to be improved. The telecom operators have been finding it very difficult to install towers and provide the required infrastructure within the State. Various hurdles like approvals from multiple statutory agencies and panchayats have been hampering the installations. Tower Policy should be framed for installation of towers.

10. Departments/Offices related to MSMEs in Goa

Table 11: List of Industry related Government Departments in Goa

Sl. No	Name of Department	Address	Phone No./Fax (0832)	Email
1.	Directorate of Agriculture	Krishi Bhavan, Tonca, Caranzalem-Goa-403002	Tel : 2465443 Fax : 2465441	dir-agri.goa@nic.in
2.	Directorate of Animal Husbandry & Veterinary	Pashusamvardhan Bhavan, Patto - Panaji – Goa	Tel : 2437244 Fax: 2437244	dir-ahvs.goa[@]nic.in
3.	Inspectorate of Factories & Boilers	Altinho, Panaji, Goa – 403001	Tel : 2226181 Fax : 2226510	ifb.goa[@]nic.in
4.	State Directorate of Craftsmen Training	Shrama Shakti Bhavan, Panaji – 403001, Goa.	Tel : 2437059 Fax : 2437060	dir-sdct.goa@nic.in
5.	Economic Development Corporation	EDC House, Dr Atmaram Borkar Road, Panaji-Goa.	Tel : 2423680 Fax : 2224938	edcpanaji@edc-goa.com
6.	Directorate of Fisheries	Dayanand Bandokar Marg,, Panaji - Goa	Tel : 2224838 Fax : 2231049	dir-fish-goa[@]nic.in
7.	Directorate of Food and Drugs Administration	Dhanwantari,, Opposite Shrine of the Holy Cross Bambolim - Goa – 403202	Tel : 2459226 Fax : 2459223	dir-fda.goa@nic.in
8.	Goa Industrial Development Corporation	Plot No. 13-A-2, EDC Complex, Patto Plaza, Panjim – Goa	Tel : 2437470 Fax : 243747	goaidc1965@gmail.com
9.	Goa Co-op Mktg and Supply Federation Ltd,	Sahakar Bhavan, Municipal Market, Panaji-Goa.	Tel : 2225670, Fax: 2224719	goamktg.fed@rediffmail.com
10.	Goa Handicrafts Rural & Small Scale Industries Development Corporation	Crafts Complex, Neugi Nagar, Rua de Ourem, Panjim - Goa.	Tel : 6450735	md@ghrssidc.org / ghrssidc@gmail.com
11.	Goa State Horticultural Corporation Ltd.	Krishi Bhavan, Tonca, Caranzalem, Goa.	Tel : 2461202 Fax : 2461202	horticultural@dataone.in
12.	Goa State Infrastructure Development Corporation Ltd.	EDC House 7th Floor, Dr. Atmaram Borkar Road, Panaji, Goa-	Tel: 645769/70 Fax : 2226256	email@gsidcltd.com
13.	Goa State Pollution Control Board	Dempo Tower 1st Floor, EDC Patto Plaza, Panaji, Goa-403 001	Tel : 2438528 Fax : 2438528	goapcb@rediffmail.com
14.	Directorate of Industries, Trade & Commerce	1st Floor, Udyog Bhavan, Panaji, Goa.	Tel : 2222241 Fax : 2224116	dir-indu.goa@nic.in
15.	Department of Information Technology,	2nd Floor, Above Alcon Hyundai Showroom, Porvorim, Bardez-Goa	Tel : 2411505, Fax : 2411490	dir-dit.goa@nic.in
16.	Goa Khadi & Village Industries Board	Junta House 2nd Floor, Panaji Tiswadi, Goa-403 001	Tel : 2221452 Fax : 2222494	goakvib@yahoo.co.in
17.	Directorate of Women & Child Development	2nd Floor, Old Education Building, 18th June Road, Panjim-Goa.	Tel : 2235308, Fax : 2424238	dir-wcd.goa@nic.in
18.	NABARD	Chief General Manager 3rd Floor, Nizari Bhawan, Menezes Bragança Rd, Panjim, Goa 403001	Tel: 2220490	panaji@nabard.org
19.	Khadi and Village Industries Commission	State Director, KVIC, Municipality Building, Atmaram Borkar Road, Panaji-Goa- 40300	Tel: 223 2746	

Annexure I

Details of Large Scale units in North Goa District.

Sl. No.	Name of the Project	Item of Manufacture	Location	Cost of Project (Crores)	Employment (No.)
1	United Breweries Ltd.	Beer	Sy.No. 164, 166 & 167, Bethora, Ponda, Goa	39.65	134
2	Glenmark Pharmaceuticals Limited (Unit-I)	Mfg. of Tablets & Capsules	D-4/2, Plot No.50, Kundaim I E , Ponda, Goa.	4.58	24
3	Goa Steel Rolling Mills & Allied Products	Re-rolling of MS rounds, bars, square bars, angle channels, flats	Bicholim	0.79	98
4	United Spirits Ltd.,	IMFL and Malt Spirit	Sy.No. 164, 166 & 167, Bethora, Ponda, Goa	61.66	270
5	Curti Chemicals (P) Ltd.	Potassium permanganate	Curti, Ponda	0.36	110
6	Syngenta India Ltd.	Insecticides,Herbicides, fungicides, weedicides	Santa Monica Works, Corlim, Tiswadi, Goa	77.15	429
7	Madras Rubber Factory	Automobile tyres, Tubes & flaps.	Sy.No.258/0- Unit-I & Sy.no.254/0, Unit-II, Usgao, Ponda Goa.	333.16	2405
8	Sanjivani Sahakari Sakhar Karkhana Ltd.	Crushing of sugarcane	Dayanand Nagar, Tisk, Usgao, Ponda	3.51	213
9	Automobile Corporation of Goa Ltd. (Unit-II)	Building of Bus Bodies.	Survey no.39/3, Bhuimpal, Sattari, Goa.	10.65	395
10	Menezes Fishnet Industries Pvt. Ltd.	HDPC fishnets & nylon fishnet	Murda, Mercedes, Tiswadi	0.46	35
11	Goa Meat Complex Ltd.	Meat with bones & boneless meat	Survey No.305/308, Manaswada, Usgao, Ponda	4.18	92
12	Merck Limited.	Thiamine Disulfide, Guaiazulene, Vit-E, Oxyntex ST, Injectables, Softgel Capsules, VitE Acetate feed	Survey no.11/1, Marwasado Usgaon, Ponda, Goa.	193.95	376
13	Goa Telecommunication & Systems Ltd.	3/8 channel open wire communication system cards unit panels & other misc.communication accessories required equipment, EPBX	Plot No.46, 50, Mapusa Industrial Estate, Bardez	5.78	62
14	GKB Hi-Tech Lenses Private Limited, (Unit-II)	Ophthalmic Lenses	Plot no.12 & 13, Tivim IE, Karaswada, Mapusa, Bardez, Goa.	14.48	170
15	Goa Resistors Pvt.Ltd.	Carbon film & metal film resistors 200 million nos.	Colem, Sanguem	0.83	61
16	Goa Antibiotics & Pharmaceuticals Ltd.	Injection,tablets,ampoules,capsules, syrups,	Tuem, Pernem,Goa	5.57	227
17	Ferro-Met Concentrates	Iron ore concentrates	Sanvordem, Quepem, Cuddegal Mine, Sanguem	13.19	273
18	Zenith Magnetics Pvt.Ltd.	Jacket flats and jackets for floppy disks	Alto Betim, Porvorim, Bardez	0.90	37
19	Crompton Greaves Limited (Fan Division)	Ceiling Fans	Plot No.1, Bethora Industrial Estate, Bethora, Ponda, Goa.	7.02	153

20	Funskool (India) Ltd.	Injection moulded plastic goods (little lullabye puzzles, truc shape matchers)	Corlim, Tiswadi	5.03	247
21	Hindustan Foods Ltd.	Products based on soya bean, cereal foods, nutrition foods 5000 tonnes p.a.	Usgao, Ponda	5.33	57
22	Polynova Industries Ltd.	Textile fabric	Plot No.92 - 101,Kundaim Inds. Estate, Kundaim, Ponda	11.45	130
23	Crompton Greaves Limited (Fan Division)	Table fans, Pedestal fans, Wall fans, Ceiling Fans	Plot No.214-A, Kundaim Industrial Estate, Kundaim, Ponda, Goa.	1.61	48
24	Fiora Cosmetics pvt.Ltd.	Cosmetic preparations	Kundaim Inds. Estate, Kundaim, Ponda	1.60	55
25	Sesa Goa Pvt.Ltd.	Low phosphate iron	Amona, Bicholim	24.86	250
26	Tata Consultancy Services Ltd.,	Automatic teller machines, sorting machines, Bank notes or cheques processing & acceptors machines etc. Automatic Data processing, parts & accessories for computer & computer based systems, industrial process control equipments for remote sensing of Temperature, pressure etc. , Parts and accessories of UPS generator sets, power converters, etc. Parts & accessories for RF transmitters, Radio modules, Base stations & Line Telephony	Plot No.17/B,5A, 5B, 5C, Tivim Inds. Estate, Tivim, Bardez, Goa	18.54	212
27	Cadila Health Care Limited	<u>Medicines.</u> <u>Formulations :</u> Tablets,Injectables, Capsules. <u>Anti-Cancer:</u> Tablets., 2.Vials. <u>Agiolax</u> <u>(Bulkdrugs):</u> .Grannules	Plot no.203 to 213, Kundaim Industrial Estate, Kundaim, Ponda, Goa.	99.83	298
28	Goa Agro Oils Ltd.	Edible grade rice bran oil, free fatty acids/stearic acids	Usgao, Ponda	5.10	125
29	Crompton Greaves Ltd.	Lithium Suplhur dioxide batteries	Kundaim Inds. Estate, Kundaim, Ponda	4.89	60
30	Universal Beverages	Non-alcoholic soft drinks	Usgao, Ponda	3.50	93
31	Sesa Goa Ind Ltd.	Pig iron through blast furnace	Amona, Bicholim	24.86	250
32	Titan Time Products	Electronics Circuit Boards	L-15, Verna Inds. Estate,Verna, Salcete, Goa	8.20	136
33	Hi-Tech Lenses Pvt.Ltd. Unit-I	Ophthalmic lenses, bi-focal spectacles	Plot No.50, Tivim Inds. Estate,Tivim, Bardez, Goa	12.17	180
34	Karthik Alloys Pvt.Ltd.	High Carbon Ferro Manganese, Ferro Silicon, manganese Silicon	L-6 & L-7Cuncolim Ind. Estate, Cuncolim, Salcete Goa	15.03	53
35	Crompton Greeves Ltd.	Special purpose FHP motors	Plot No.196 to 198, Kundaim, Ponda, Goa	22.58	212
36	Rajendra Mining Spares Pvt. Ltd.	Re-manufacture/Reclamation of worn out high cost & critical components/parts of various machinery plants engines, etc.	Kundaim, Ponda, Goa	3.52	65

37	Opthalmic India Ltd (GKB Vision Ltd)	Flat top bifocal lenses finished & semi-finished in glass white & photocromatic.	27-28, Pilerne, Bardez, Goa	5.10	335
38	Sesa Kembla Coke Co. (Sesa Goa Ltd.)	Low Ash Metallurgical coke	S. No. 205 & 207, Amona - Navelim, Bicholim, Goa	80.00	225
39	Nestle India Ltd.	Waffles and waffers sugar confectionery	Plot No.294 & 297, Tisca, Usgao, Ponda, Goa	121.00	325
40	Damodar Mangalji Mining Co.	Processed high grade iron ore fines/lumps for export/beneficiary plant	Bicholim, Goa	2.00	23
41	Unichem Labs Ltd.	Antibiotic capsules, tablets, Pharmaceutical formulations and Biosciences R & D	Plot No.12 to 16 and 17, 17 -A & 18, Pilerne Industrial Estate, Pilerne, Bardez, Goa	57.20	230
42	Phoenix Steel Ltd.	Pig iron & Steel billets	Navelim, Bicholim, Goa	211.00	415
43	Rayalaseema Concrete Sleepers Pvt.Ltd.	Pre-stressed concrete sleepers	Navelim, Bicholim	1.81	213
44	Goa Glass Fibre Ltd.,	Chopped strand mat, Roving, Woving, Chopped Strands	Sy. No. 220, Village Colvale, Taluka Bardez, Goa 403513.	150.67	312
45	V.S .Dempo & Co..Ltd.	Iron Ore Concentrates	Surla, Bicholim	8.90	50
46	Procter & Gamble Hygiene and Health Care Ltd.,	Whisper sanitary napkin	173,314,315Kundaim I E, Kundaim, Goa.	115.59	164
47	Alcon Cement Co.Ltd.(Unit-I)	Portland slag cement out of clinker	Surla, Bicholim	16.54	60
48	Crosslands Research Lab.Ltd.	Pharmaceutical formulation in the form of ointments & tablets	Madkaim Inds. Estate, Madkai, Ponda	3.43	350
49	Guala closures India (P)Ltd.	Plastic Caps & Preforms	Upper Harvalem, Navelim,Bicholim, Goa	49.31	200
50	Transelektra Domestic Products/Godrej Hi-care	Goodknight insecticide mats, machines & liquidators	Corlim, Ilhas , Goa.	0.88	70
51	Berger Paints India Ltd.	1.Emulsion Paint 2.Distemper 3.Solvent based paint 4.Resin.	316-317 Kundaim Inds. Estate, Kundaim, Ponda, Goa	36.00	79
52	Nestle India Ltd.	1.Inst.noodles, 2.Tomato souce & other pasta products.	Maulinguem, Bicholim	152.45	493
53	Essel Propack Ltd.,	Multilayer layer collapsible laminated tubes	Plot No. 111,113,114 and Kundaim I.E, Ponda	39.57	160
54	Nebula Home Products Pvt.Ltd	Printed Paper board Cartons	Pilerne, Bardez, Goa	5.92	151
55	Sundaram Industries Ltd.	Tyre retreading	Corlim I E, Corlim, Tiswadi	2.50	19
56	Tulsyani, NEC Ltd.,	Woven sacks, HDPE/PP	E-4, Madkaim Inds.Estate, Madkaim,Goa	0.77	40
57	Cosme Pharma Ltd.	Pharmaceutical formulation injectible, ointments, tablets & liquids	Sarvona, Bicholim, Goa.	11.12	87
58	A.W.Faber Castell Stationery Pvt.Ltd.	Self inking stamps, pads, high lighters, OHP makers, Stamp pad ink	Corlim, Ilhas, Goa	3.34	42
59	Oriental Containers Ltd	Plastic closures for Juices /water/ Carbonated soft drinks.	327,332, Kundaim Industrial Estate, Kundaim, Ponda	110.55	130
60	Delta Stationary	Sketchpens, sharpener,, stamp pads	24/1-D-1 Mologo-de-Ororo, Corlim, Ilhas Goa.	4.06	39
61	Alpha Impex Private Limited	Nylon Yarns, Ropes & Twines	Plot 7, 8 & 9 Pilerne Indl. Estate, Bardez	20.00	15
62	Bhagyanagar India Limited	Optic fibre Cable, jelly filled telephone cable joining kits copper wire rods	Plot 61Pilerne Indl. Estate, Bardez	5.85	50
63	Hindustan Lever Limited	Toilet soap	Plot No.132-135, 137-139 & 324-326, Kundaim I. Estate,	106.35	352

64	Ambey Metallic Pvt. Limited	Sponge iron lumps, sponge iron fine	Plot no. 69-75, 143-160,Pissurlem Indl. Estate, Sattari, Goa	13.13	58
65	Teracom Limited	Optical fibre cable, fibre, Optical cables accessories	Plot No.250,Kundaim Indl. Estate, Kundaim,, Goa	6.32	45
66	Godrej Sara Lee Limited	Mosquito repellent coils (Goodknight and Jet brand)	D-3/4, Corlim Indl. Estate, Corlim, Tiswadi, Goa	1.83	14
67	Marico Industries Ltd.,	Coconut oil, Copra cake	Plot No.71 & 72/1, Khandepar, Ponda	15.17	127
68	Finolex Cables Limited	Continuous cast copper rods	Tisk Usgao, Ponda.	39.75	66
69	Ranbaxy Laboratories Ltd.,	Tablets, Capsules & Ointment	B - 2, Madkaim Industrial Estate, Madkaim, Ponda	20.38	239
70	Diabold India Pvt.Ltd.w.e.f. 22-11-05	ATM's	Plot No.45/46, Tivim Industrial Estate, Tivim, Bardez	4.69	49
71	Amiantit Fibre glass Industries Pvt. Ltd,	Glass reinforced polyster pipes/tanks	Plot No.120(Part), Navelim, Bicholim,Goa	50.00	210
72	Glenmark Generics Ltd., (Unit II)	1. Tablets, 2. Capsules & 3. Ointment	S-7, Colvale Inds. Estate,Bardez, Goa	103.91	693
73	Excel Caps & Closure,	Temper evident shrinkable PVC capseals	1/43,Mapusa Inds. Estate.Bardez,Goa	1.44	9
74	PCS Industries Ltd.,	Manufacture & assembling of computers	Plot No.44/45, Mapusa Industrial Estate,Mapusa	1.14	11
75	Berger Becker Coating Pvt. Ltd.,	Coil coating paints	Plot No.114, Pilerne IE,Pilerne,Bardez	23.42	86
76	Pliva Research India Private Ltd.,	Research & Development Activity (BA/BE Studies)	Plot No.24/1-D-1, Mologa de Orora, Corlim, Tiswadi, Goa.	9.52	5
77	Seagram India (P) Ltd.,	High Bouquet Spirit (HBS)	Plot No. 99-100, Bicholim I E, Bicholim, Goa.	0.72	7
78	Goa Energy Pvt. Ltd.,	30 MW waste heat recovery power generation	Plot at Survey No.44/4, 44/5 of Amona Village, Bicholim,	120.00	36
79	Phil Corp. Ltd.	Cashew kernel &CNSLoil	Valpoi/Sattari	2.23	55
80	Simem India Pvt. Ltd.,	Assembling of concrete batching plant	Plot No.190-191, Kundaim Inds. Estate, Kundaim, Ponda	6.80	20
81	Syngenta Biosciences Private Limited	Research & Development Centre	Santa Mnica Works, Corlim, Ilhas, Goa.	76.70	165
82	Fresenius Kabi India Private Limited	IV Transfusion Fluids	Honda Industrial Estate, Sattari Goa.	17.38	179
83	Counto Microfine Products Private Limited	Ground Granulated Blast Furnace Slag., Additive for concrete.	Pissurlem Industrial Estate, Pissurlem-Sattari, Goa.	21.57	48
84	Glenmark Generics Ltd., (Unit-III)	Tablets	S-9,Colvale Inds. Estate,Colvale, Bardez, Goa	28.26	169
85	GKB HI-Tech Lenses Pvt. Ltd	Ophthalmic Lenses	Plot No. 17 A, Tivim I E, Mapusa, Goa.	28.16	231
86	Twenty First Century Iron & Steels Ltd.,	Mild Steel Billets, Ingots & Hot Rolled Products	Survey No.33/1-A, Dhargal, Pernem	20.50	150
87	Automobile Corporation of Goa Limited,	Building of Bus Bodies	Survey No.101/1,2,3 & 4, Honda I Estate, Sattari, Goa.	24.70	263
88	Colgate Palmolive (India) Limited	Toothpaste	Plot No.154, 158 & 160,Kundaim Inds. Estate	107.84	464
89	Manohar Packaging Private Limited	1. Printed paper labels. 2. Cartons. 3. Allied Printing Products.	Plot No.D-2/6-7, Mapusa Industrial Estate, Mapusa, Bardez, Goa.	19.86	35
90	Elsteel Modular Products India Private Limited	Techno Panel Boxes	Plot No.3, Phase No.III, Honda II E,Sattari, Goa.	25.05	172

91	Crompton Greaves Limited	mfg. of Electric Motors,	LT Motor Division, S/14-15, Colvale Estate, Colvale, Bardez, Goa.	18.13	250
92	Centaur Pharmaceuticals, (Plant - I)	Pharmaceutical products (1) Tablets, (2) Capsules (3) Oral liquids, (4) Ophthalmics products	Plant - I, Plot No. 3, Tivim Industrial Estate, Karaswada, Mapusa, Goa.	11.59	163
93	Centaur Pharmaceuticals, (Plant - II)	Pharmaceutical products (1) Skin Ointments (2) Ophthalmics ointments.	Plant - II, Plot No. 39, 40 & 41, Tivim Industrial Estate, Karaswada, Mapusa, Goa.	6.79	95
94	Swanson Plastics (India) Private Limited	PE (Poly Ethylene) Embossed Films	Sub-leased Plot no.2, Phase-II, Honda Industrial Estate, Honda, Sattari, Goa.	21.32	50
95	M/s Unichem Laboratories Limited.	R & D	Plot No.12 to 14, Pilerne Industrial Estate, Pilerne, Bardez, Goa.	93.51	205
96	M/s Omso Orient Printing Machines Pvt. Ltd.	Assembling of Printing machines	Survey No.33/1/A, Village Dhargal, Taluka- Pernem, Goa	59.54	17
97	M/s Teracom Limited (Unit-IV).	Insulated wires & Cables, all types of power cables, control cables, rubber cables & conductors.	Plot No.249, Kundaim Industrial Estate, Kundaim, Ponda, Goa.	38.00	100
98	M/s Teracom Limited (Unit-V).	Insulated wires & cables, control cables, rubber cables, power cables, conductors, CDMA/GSMFWY	Plot No.250A &250B, Kundaim Industrial Estate, Kundaim, Ponda, Goa.	23.00	10

Source: Directorate of Industries Trade & Commerce, Panaji, Goa