

PRODUCT PRESENTATION

CORPORATE OVERVIEW



- ❖ The MAN Group has been promoted by the Mansukhani family since the 1970s.
- ❖ MAN Industries (India) Limited is the Flagship company of the MAN Group which was incorporated in 1988.
- ❖ **With 35 years of experience and counting**, Man Industries (India) Ltd is an ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company manufacturing & coating Large Diameter Carbon steel pipes
- ❖ Man Industries (India) Ltd. is a prominent player in the league of world-class Line Pipes and Coating Systems manufacturers in the Global market.
- ❖ Currently, Man Industries (India) Ltd. is a prominent player in the league of world-class Line Pipes and Coating Systems manufacturers in the Global market.
- ❖ Man Industries (India) Ltd. caters to International clients in the oil & gas industry, petrochemicals, water, dredging & fertilizers. The company has positioned itself to bid for almost all pipe projects across the globe



Anjar Pipe & Coating Facility



Total Facility Area : 390,200 m²

Pipe Storage Area : 297,000 m²



❖ Strategically located near 2 deepwater ports in Gujarat on the western coast of India.

❖ **Kandla Port**
(approx. 45 km from Anjar facility)



❖ **Mundra Port**
(approx. 25 km from Anjar facility)



ANTI CORROSION

COATING

5

HOT INDUCTION

BENDS

4

ERW

3

HSAW

2

LSAW

1

OUR PRODUCT LINE

1. LSAW

Method of Manufacturing	i. JCO ii. 3-Roll Bending
OD range (inch)	16 to 56
WT range (mm)	6 to 40
Grades	Up to API5L Grade X80 PSL2 or Equivalent
Specifications	API 5L, API 2B, ISO 3183, DNV-OS-F101, ASTM A671, A672 & Customer specifications
Total Installed Capacity	1 Million MTPA
Pipe Length (Mtrs)	8 to 12.20

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4

3

2

2. HSAW

OD range (inch)	18 to 130
WT range (mm)	5 to 25.4
Grades	Up to API5L Grade X80 PSL2 or Equivalent
Specifications	API 5L, ISO 3183, DNV-OS-F101, ASTM A671, A672 & Customer specifications
Total Installed Capacity	0.44 Million MTPA
Pipe Length (Mtrs)	6 to 18

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3. ERW

Product type	ERW API Pipes	Circular Hollow Sections	Square & Rectangular Sections
Size Range	Ø 4" NB to Ø 18" NB	Ø 4" NB to Ø 18" NB	400x400 to 1000x1000 500x250 to 1000x700
WT range (mm)	3.2 to 14	3.2 to 14	6 to 16
Grades	API 5L-Grade B up to X80 API 5CT-Grade H40, J55, K55, N80 or Equivalent	IS 1161, IS 3589, IS 4270, IS 9295, IS 1239-1	BIS ISI 4923, DIN 2440
Total Installed Capacity	0.1 Million MTPA	0.1 Million MTPA	0.1 Million MTPA
Pipe Length (Mtrs)	5.8 to 18.2	5.8 to 18.2	5.8 to 18.2

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4. Hot Induction Bends

OD Range (inch)	Ø 18" NB to Ø 56" NB
WT range (mm)	Up to 40mm
Bending Radius	$2D \leq R \leq 8D$
Bending Angle	0 – 90 Degrees
Grade	Up to API5L Grade X80 PSL2 or Equivalent

5. Anti Corrosion Coating

Product Type	Diameter Range (Inch)	Combined Capacity (Sqm/Annum)	Specifications Followed	
3LPE: Three Layer Polyethylene	4 to 130	6.0 million	FBE CSA Z245.20 ISO 21809-2 NACE SP0394 DEP 31.40.30.32 (Shell 2011) GS EP COR 222 (TOTAL) AWWA C213 (2007)	3LPE CSA Z245.21 DIN 30670 ISO 21809-1 ISO 21809-4 DEP 31.40.30.31 (SHELL) GS EP COR 220 (TOTAL)
3LPP: Polypropylene	4 to 130	6.0 million		
FBE & DFBE: Fusion Bonded Epoxy / Dual Layer	4 to 130	6.0 million		
Internal Epoxy Flow Lining	12 to 130	4.9 million	API 5L RP 2, ISO 15741, AWWA C210	

5. Anti Corrosion Coating - CWC

OD Range (inch)	16 to 48
Concrete Density	Up to 3400 Kg/m ³ or As per Client Specification
Concrete Thickness	Up to 150mm
CWC Coating Capacity	1,25,000 M ³ /Annum
Reinforcement	Up to 3 layers
Types of Pipes Coated	Seamless, LSAW, HSAW with a suitable external coating of Bitumen, Coal tar, Epoxy, Roughened PE/PP or otherwise, which is suitable to allow the application of impingement concrete coating process.

Our State-of-the-art Laboratories

We have an in-house testing laboratory equipped with all required mechanical & chemical testing equipment for carrying out tests as per line pipe specifications and client requirements.

Sr.No.	Description of the Equipment	Capacity
1	Optical Emission Spectro Meter	Model: PDA 5000 to test 20 elements
2	Universal Tensile Testing Machine	Model: UTE-100 0-1000KN
3	Universal Tensile Testing Machine	WAW-1200E, 0 to 1200 KN
4	Vickers Hardness Tester	5-50 Kgf.HV05 TO HV10
5	Rockwell Hardness Tester	Model: RAB-250 100(B), 150(C) KGF.
6	Charpy Impact Testing Machine	0-400 JULES
7	Profile Projector	10X-50X
8	Drop Weight Tear Testing Machine	Velocity: 7.67 m/s Working Height: 3.0 mtrs. Hammer Weight: 761 kg.
9	Drop Weight Tear Testing Machine	Working Height: 5.0 mtrs Hammer Weight: 1000 kg
10	Dead Weight Pressure Gauge Tester	0-1000 Kgf/Cm ²
11	Inverted Reflected Light Microscope	5X - 100X
12	Automatic Karl – Fischer Type Moisture Analyzer	To check the moisture in flux



**17025:2017
ACCREDITED
LABORATORY**

Laboratory is accredited by NABL in accordance with ISO/IEC 17025:2017

APPLICATIONS



**Oil and Gas Sour
Service / Hydrogen
Service / CCSU
(LSAW)**

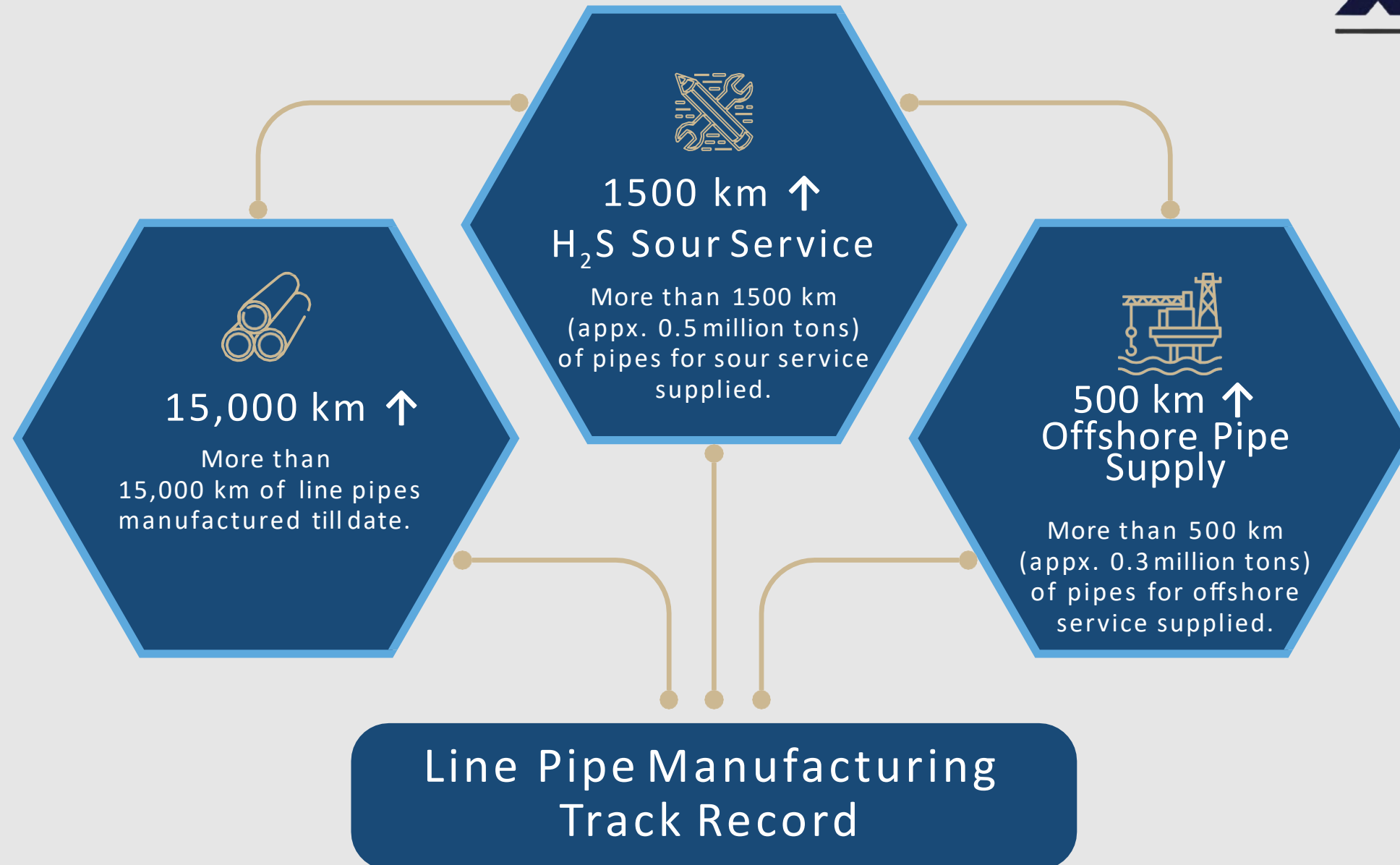
**Oil / Gas Services in
non-sour
environment
(LSAW / HSAW /
HFW)**

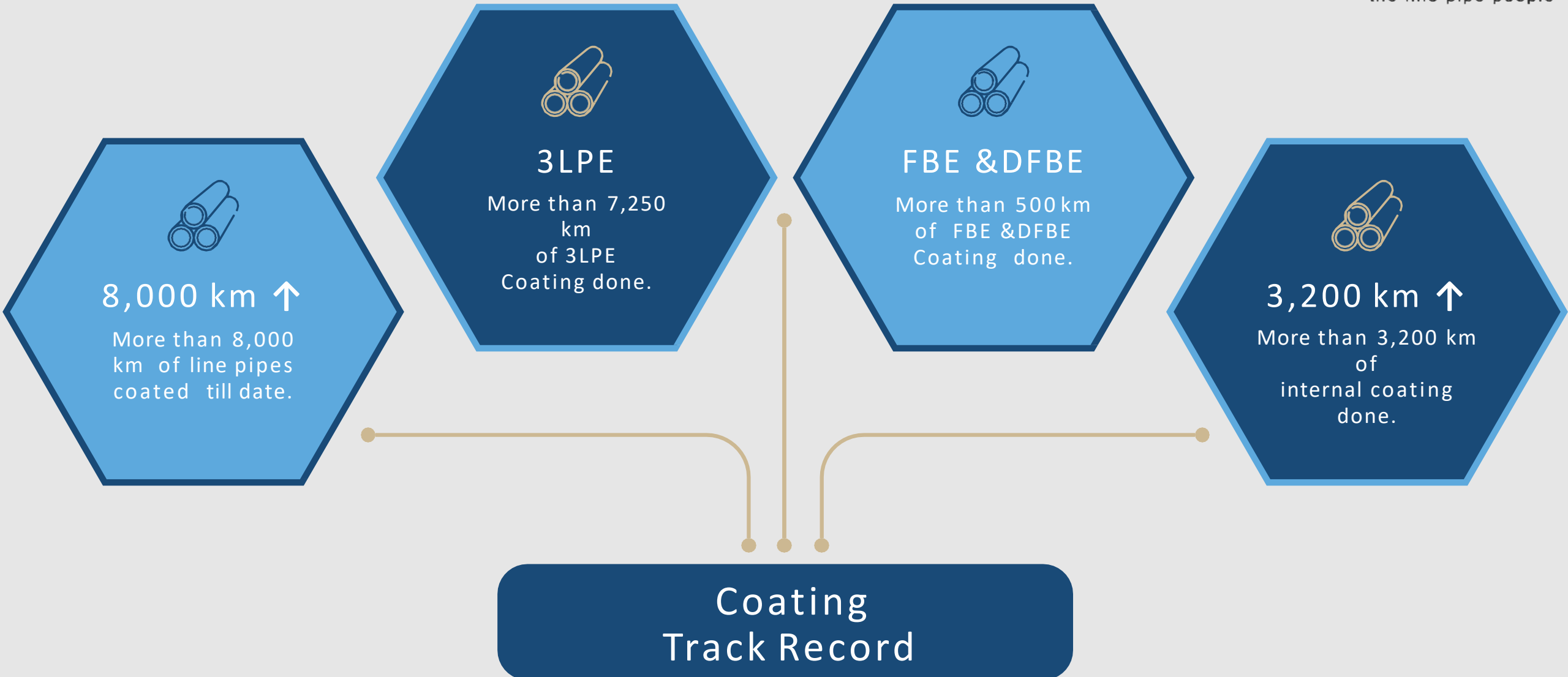
**Water Transmission
Lines
(HSAW)**

**Conductor Pipe for
wellhead casing
(LSAW)**

**Casing Pipe for
drilling
(HFW)**

**Piling Pipe for
foundation and
marine engineering
works
(LSAW / HSAW)**





8,000 km ↑

More than 8,000 km of line pipes coated till date.



3LPE

More than 7,250 km of 3LPE Coating done.



FBE & DFBE

More than 500 km of FBE & DFBE Coating done.



3,200 km ↑

More than 3,200 km of internal coating done.

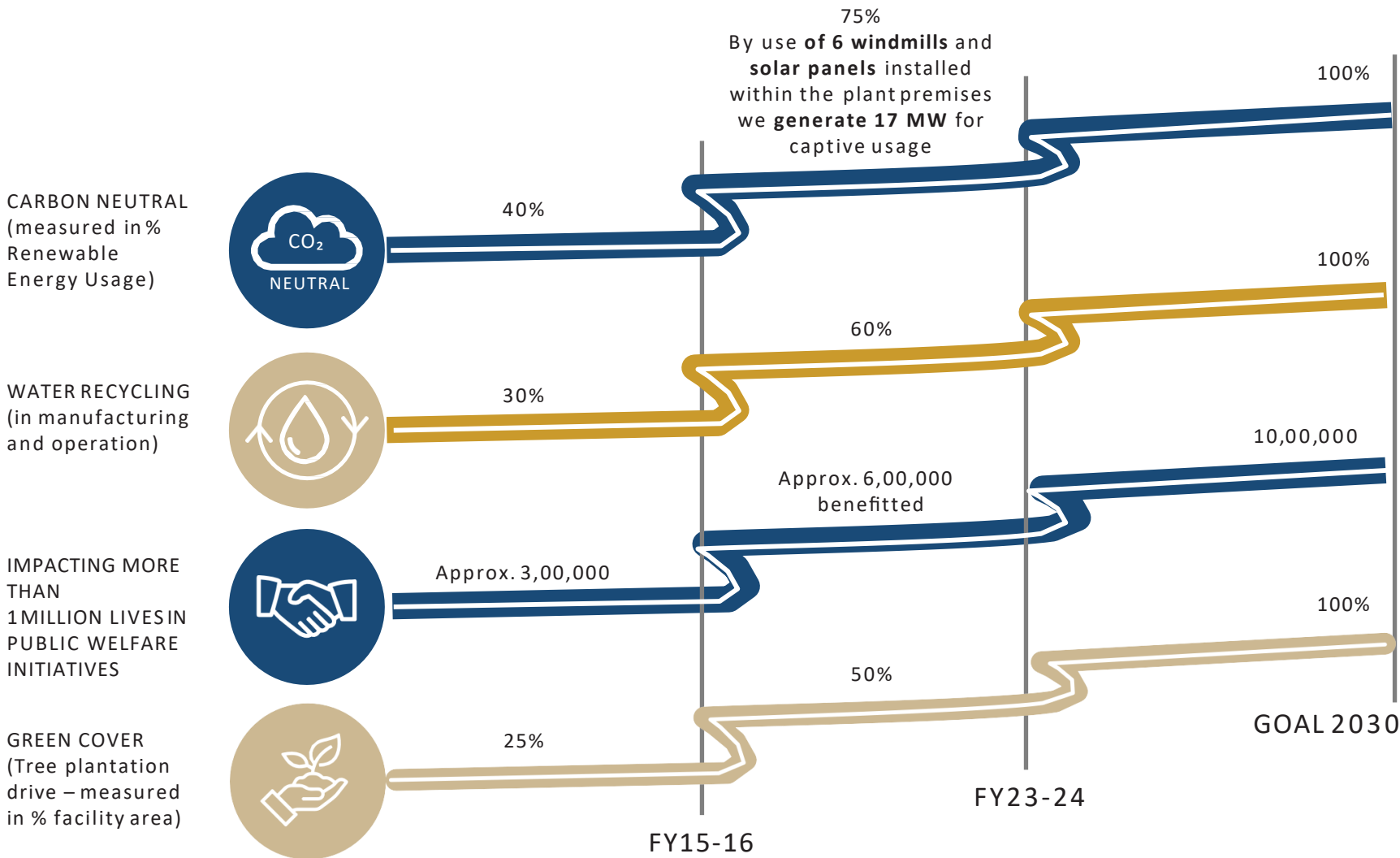
Marquee Clientele Worldwide



Sustainability Roadmap

In FY 2021-22, Man Industries re-strategized its sustainability roadmap with strategic investment plans to incorporate pace in transforming into a greener industry.

The roadmap was designed to enable sustainability across all our operations as well as our value chains.



- ❖ Adherence to the highest quality standards in the manufacturing and supply of pipes.
- ❖ With state-of-the-art-mills bestowed with ISO 9001, ISO 14001, OHSAS 18001, CE Marking, ISO-3834-2 Certifications, API 5L and API 2B quality certifications
- ❖ Our Commitment towards our hallmark quality standard.
- ❖ A sustainable approach towards business
- ❖ The trust of an ever-growing list of customers

We are your **one-stop-solution** to all your Line pipe requirements.

**We are,
MAN Industries
(India) Ltd**

“The True Line PipePeople”