AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

AM International Holdings

FERTILIZERS & SUPPLY CHAIN

PETROCHEMICALS

INFRASTRUCTURE SERVICES

GREEN SOLUTIONS

BUSINESSES TRUSTED BY SOCIETY

Contents

- Group Overview
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- Our Strategy
- COVID-19 Management
- Corporate Social Responsibility

Group Overview

FERTILIZERS & SUPPLY CHAIN

PETROCHEMICALS

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Message from the

Founder & Chairman

"Successful businesses that are sustainable in the long term deliver business profit and social good in equal measure to create a positive impact on society."

As a group, our commitment to ethical business standards, sustainability and safety remains unwavering.

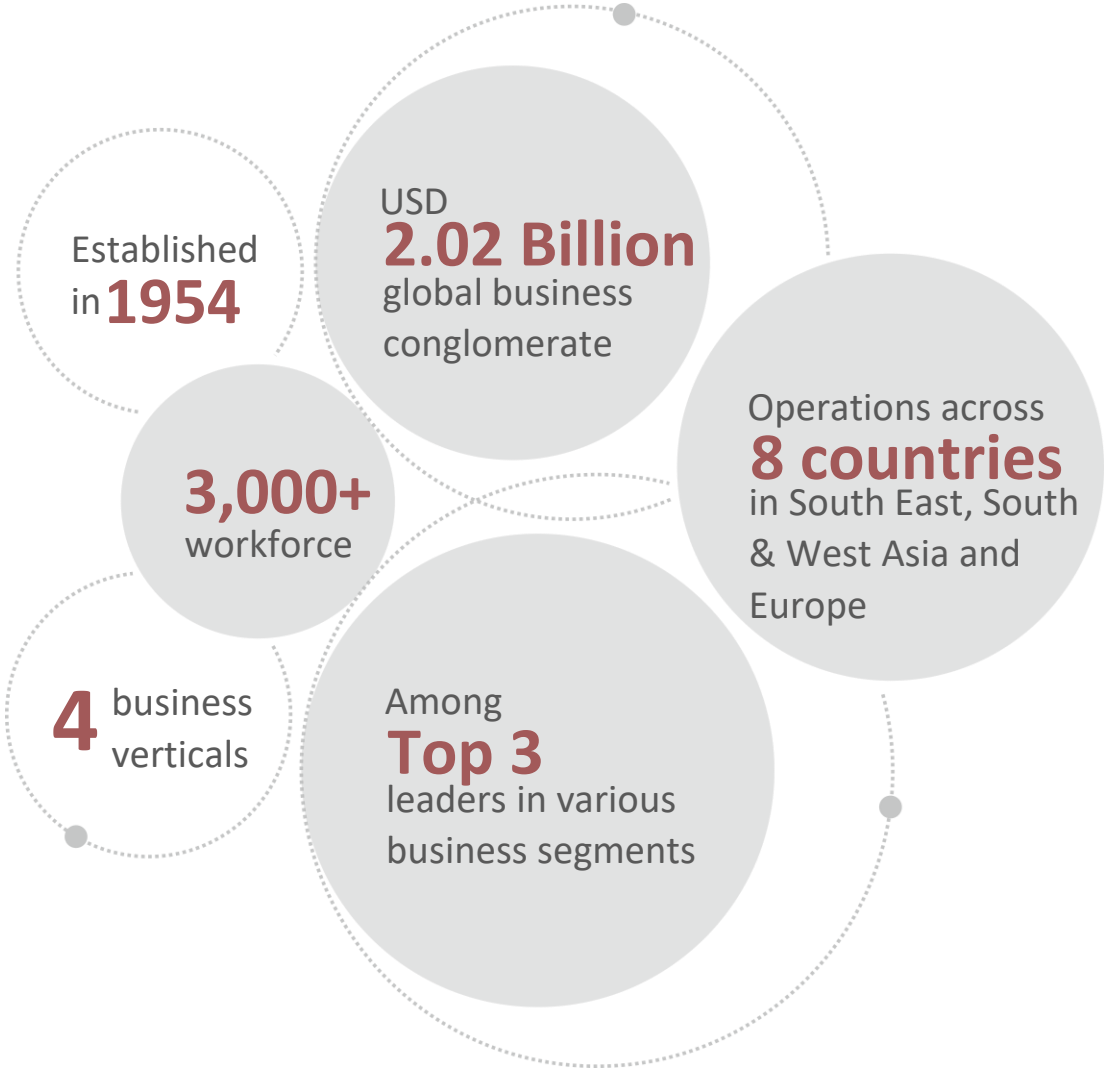
Our corporate culture is guided by our values of integrity, respect for people and protecting our environment. This culture is underpinned by our inherent belief that successful businesses that are sustainable in the long term deliver business profit and social good in equal measure to create a positive impact on society.

As we focus on our core businesses and steer new horizons, we are building on our innovation momentum. A momentum that will help us navigate through disruptive forces at the convergence of business, governments and society in the digital age.

Ashwin Muthiah
Founder & Chairman

At a Glance

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society



AM International is a diversified, multinational group of companies with a federated operating architecture.

Headquartered in Singapore, it has been trusted by millions of customers for over six decades. Today, many of the group's businesses are market leaders with footprints across South East and West Asia, India and the United Kingdom.

With a portfolio of geographic, diversified and new-age businesses, AM International maintains a strategic focus on predictability, sustainability and value preservation.

With an unwavering commitment to doing business with integrity, AM International remains dedicated to growing businesses trusted by society.

Our Presence

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

Operations across 8 countries in South East, South & West Asia and Europe.

Headquarters

Plant

Regional Office

Our Journey

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

1950s

Acquired a scooter factory in Mumbai, Automobile Products of India in 1954

1960s

Started CSR initiatives in 1963

SPIC Nourishing growth

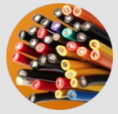
Founded flagship company SPIC Ltd (SPIC) with a fertiliser plant at Tuticorin in 1969

1970s

SSIPL

Established Singapore Shipping International Pte Ltd (SSIPL) in 1973

WILSON CABLES



Established Wilson Cables Pte Ltd in 1974

1980s

wilson source. procure. deliver

Wilson International Trading Pte Ltd founded in 1981

Tuticorin Alkali Chemicals and Fertilizers

Tuticorin Alkali Chemicals and Fertilizers Ltd (TFL) founded in 1982

Tamilnadu Petroproducts ltd.

Tamilnadu Petroproducts Ltd (TPL) founded in 1984

MANALI PETROCHEMICALS

Founded Manali Petrochemicals Ltd (MPL) in 1986

EDAC

Founded EDAC Engineering Ltd in 1987

1990s

Spictra inspiring excellence in healthcare

Established Medihub Sciencetec Pvt. Ltd.(Spictra) in 1992

2000s

Sicagen

Sicagen India Ltd founded in 2004

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

AM International Holdings Pte Ltd (AMIH) established in 2007

GREENSTAR

Greenstar Fertilizers Ltd established in 2010, became operational in 2011 post-demerger from SPIC

AM Foundation established in 2015

2010s

notedome URETHANE SYSTEMS

MPL acquired Notedome Ltd. in 2016

GREENAM ENERGY

Foray into green energy solutions with Greenam Energy in 2017

2020s

AM Foundation
A cleaner, healthier, better life

AM Foundation unveiled a new visual identity in line with its focus on primary healthcare

SPIC switches over to natural gas as feedstock to produce Urea

TPL announces expansion and modernisation projects

MPL announces plans to increase the capacity of Propylene Glycol (PG) from 22,000 metric tonnes per annum (MTPA) to 72,000 MTPA

MPL ties up with UK-based Econic Technologies for the manufacture of eco-friendly polyols

Greenam Energy launches India's largest captive floating solar power project at SPIC plant

TPL launches Dr. Mobile, a mobile medical unit, in partnership with AM Foundation

MPL acquires UK-based PennGlobe Ltd.

Incubation of group's 4th generation leadership

People, Principles & Philosophy

FERTILIZERS & SUPPLY CHAIN

PETROCHEMICALS

INFRASTRUCTURE SERVICES

GREEN SOLUTIONS

Our Principles & Values

Our Mission

To build robust, market-leading businesses drawing on collaborative team capabilities, focused execution, ethical business conduct and a distinctive regional & global focus to generate long-term value for our stakeholders.

Our Vision

To serve as a global holding company for our core areas of business and foster businesses that are trusted by society.

Integrity

Professional conduct, upholding good governance, transparency and the highest ethical standards.

Opportunity

Seizing opportunities for portfolio companies to enhance value, derive synergies and sustainability in the long run.

Entrepreneurial Spirit

Proactive and passionate, pursuing endeavours with a balance between entrepreneurial risk-taking and professional diligence.

Innovation

Ingenuity in our processes, products and systems to foresee customer needs and deliver delight through innovative ideas & technologies.

Responsibility

Commitment to improve the lives of people in the communities with a focus on environmental stewardship.

Our Leadership

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

Ashwin Muthiah

Founder & Chairman

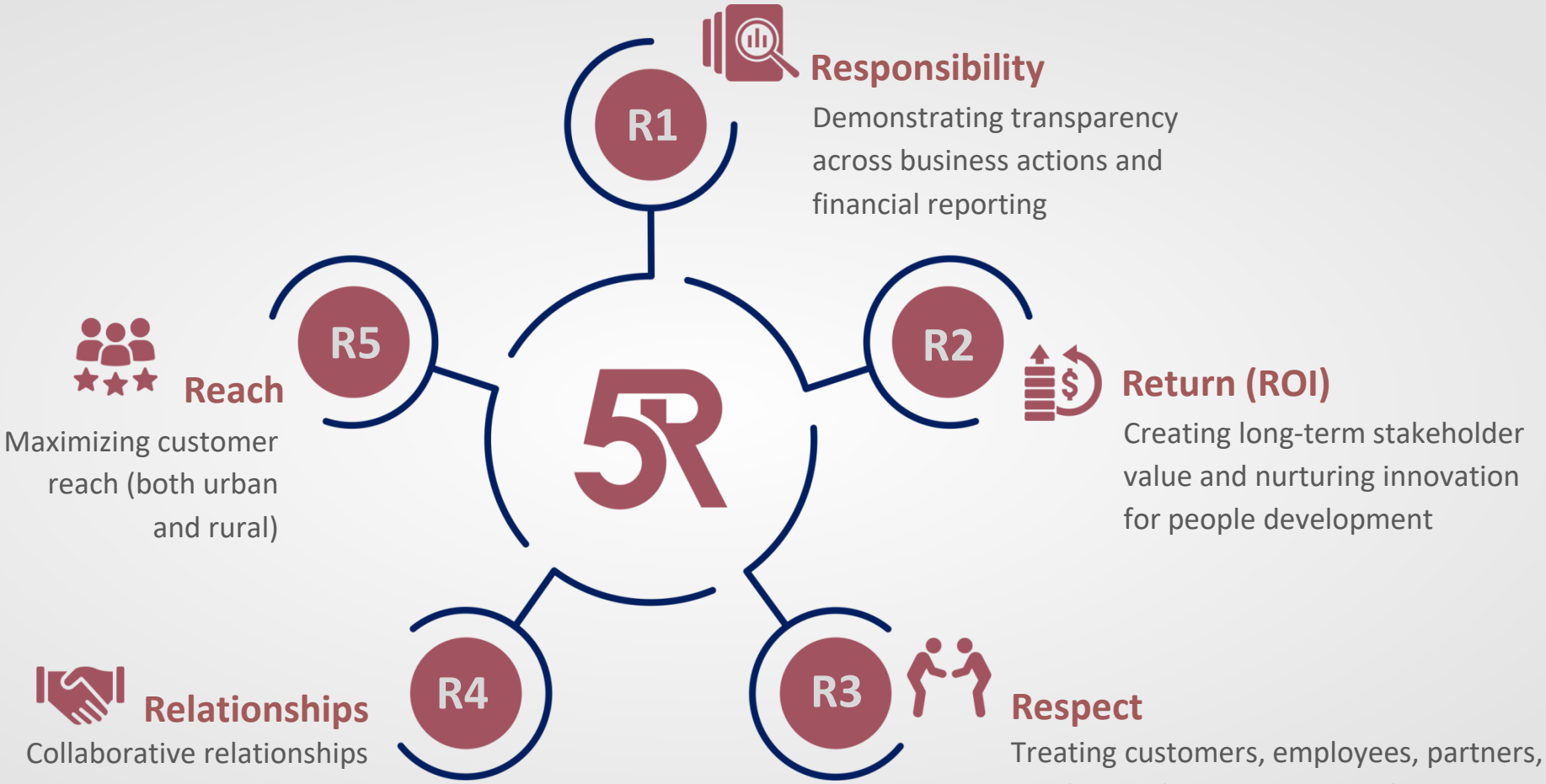
Ashwin Muthiah
Founder & Chairman

- Joined the family business in 2001.
- Re-oriented the group businesses under AM International in a strategic move to preserve the family legacy.
- Drives the expansion of “businesses trusted by society.”
- Led from the front to consolidate and grow the group’s traditional presence in fertilizers, supply chain, petrochemicals and infrastructure services to new ventures in green solutions.
- Starting a new phase of globalisation in the group, he worked with strategic stakeholders, acquiring assets, leveraging new-age technologies and building a professional leadership team.
- Chairs the philanthropic arm of the group - AM Foundation - which he founded in 2015.

Public Recognitions:

- Consul General Ad Honorem for the Republic of Philippines in Chennai, India since 1993.
- Past Member of the Singapore Economic Development Board (EDB).
- Trustee of the Saigon Chettiars’ Temple Trust, Singapore.
- Chairman of the Governing Council of Sri Venkateshwara College of Engineering (SVCE), Sriperumbudur, Tamil Nadu

Our 5R Philosophy



Our Businesses

FERTILIZERS & SUPPLY CHAIN

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Our Businesses

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

Industry	Company	Segment
Fertilizers & Supply Chain	SPIC Nourishing growth	Urea & Fertilizers
	GREENSTAR	Phosphatic Chemicals
	wilson source.procure.deliver	Commodity Trading House with a focus on fertilizers and related raw materials
	SSIPL total shipping. delivered.	Freight Solutions for Dry and Wet Bulk Cargo
Petrochemicals	MANALI PETROCHEMICALS	Propylene Oxide Propylene Glycol
	PennWhite GLOBAL CHEMICAL SOLUTIONS	Foam Control Agents
	Tamilnadu Petroproducts ltd.	Linear Alkyl Benzene Chlor Alkalis

Industry	Company	Segment
Infrastructure Services	EDAC	Construction Services
	Sicagen	Construction Materials
	WILSON CABLES	Electric Cables & Wires
Green Solutions	GREENAM ENERGY	Solar Power Solutions
	Tuticorin Alkali Chemicals and Fertilizers	Eco-friendly Soda Ash

SPIC
Nourishing growth

Southern Petrochemical Industries Corporation Ltd. (Listed)

BSE: 590030 | NSE: SPIC | ISIN: INE147A01011

www.spic.in

Urea & Fertilizers

- Established in 1969
- One of the leading fertilizer manufacturing companies in India
- As a pioneer in the fertilizer industry, SPIC was the backbone of Indian agriculture during the Green Revolution

Products

Chemical Fertilizers

- Neem Coated Urea
- Captive Power Plant

Tissue Culture Plants

- Produced at Agro Biotech Centre

Intermediate Products

- Ammonia
- Silica
- Gypsum

Certifications

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018

Safety & Other Awards

- British Safety Council, UK
- NSC, USA
- ICMA, FAI
- National Safety Council, India
- State-level and National-level Safety Awards

GREENSTAR

Greenstar Fertilizers Ltd.

www.greenstarfertilizers.com

Phosphatic Chemicals

- **Established in 2010 and became operational in 2011 post a de-merger from SPIC**
- **A leading player in organic, inorganic & fertilizers, with a focus on Phosphatic Fertilizers and Specialty Agro Inputs**
- **Also offers a range of other farm inputs that maximise yield**

Products

- Di Ammonium Phosphate (DAP)
- Complex Fertilizers (Nitrogen, Phosphorus and Sulphur [NPS])
- Nitrogen, Phosphorus and Potassium [NPK])
- Granulated Single Super Phosphate (GSSP)
- Aluminium Flouride (ALF3)
- Captive Power Plant
- Speciality Agro Products

Intermediate Products

- Phosphoric Acid
- Sulphuric Acid
- Gypsum
- Silica

Certifications

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018

Wilson International Trading Pte. Ltd.

www.wilsonuniverse.com

Commodity Trading House

- **Established in 1981**
- **A commodity trading house focused on trading in fertilizers and related raw materials, chemicals and petroleum products**
- **Pan-Asia presence and provides similar services through its subsidiaries in Dubai, Malaysia, Vietnam, India and Switzerland***

**February 2022*

Assets

- AM Ocean Silver
- AM Ocean Star
- AM Ocean Pride
- AM Ocean Pearl

Certifications & Recognitions

- Won the prestigious 'Singapore 1000' list since 2008
- GTP registered for 25 years

Singapore Shipping International Ltd.

www.ssipl.com.sg

Freight Solutions for Dry and Wet Bulk Cargo

- **Established in 1973**
- **Specialises in comprehensive freight solutions for dry and wet bulk cargo**
- **Commercial Managers and Operators of Supramax Bulk Carriers - AM Ocean Silver and AM Ocean Star**

Customers

- Serves group companies and global customers that include fertilizer mines & manufacturers, trading houses, steel mills, cement and power plants

Certifications

- Member of ICC International Maritime Bureau (IMB)

MANALI PETROCHEMICALS

Manali Petrochemicals Ltd. (Listed)

Propylene Oxide, Propylene Glycol, Polyols and PGMME

BSE: 500268 | NSE: MANALIPETC | ISIN: INE201A01024

www.manalipetro.com

- **Established in 1986 in the petrochemical complex in Chennai, India**
- **Commenced commercial production in 1991**
- **The only integrated manufacturer of Polyols in India**
- Acquired UB Petroproducts in 2000 through a merger
- First and largest manufacturer of Propylene Oxide (PO) and Polyols in India
- Only Indian manufacturer of Propylene Glycol (PG)
- State-of-the-art in-house development facility to meet specific customer needs
- Listed on BSE & NSE with more than 100,000 shareholders.

Products

Polyols

- Flexible slabstock, flexible cold cure, rigids and elastomers
- Automotive, appliances, building & construction, energy, footwear, furniture & bedding, insulations, drilling, paints & coatings, etc.

Propylene Glycol Mono Methyl Ether (PGMME)

- Solvent used in paints & printing inks

Propylene Glycol (PG)

- Pharmaceutical, food & flavours and industrial grades
- To be augmented to 72,000 TPA in the next few years
- Di & Tri Propylene Glycol mainly for industrial applications

Propylene Oxide (PO)

- Feedstock for the derivatives (PY/PG/PGMME)

Certifications

- ISO 14001:2015, 9001:2015
- PG certified for IP/BP/USP/EP/Halal & FSSAI
- PO/PG/E series Polyols- Europe REACH Certified

Acquisitions

- Merged with UB Petroproducts Ltd in 2000
- Acquired Notedome Ltd in 2016 (UK-based)
- Acquired Penn Globe Ltd in 2022 (UK-based)

PennWhite Ltd.

Foam Control Agents

- **Established in 1985**
- **Global market leader in formulated chemical process aids, and a specialist in industrial, wastewater treatment, and food industry foam control**
- **Acquired and wholly-owned by MPL in 2022**

- Based in Cheshire, United Kingdom, PennWhite Limited is a manufacturer of foam control agents and other specialist chemical products, including lubricants, surface coatings, release agents and silicone emulsions
- Offers a portfolio of high-performance products for a wide range of applications in various industries to customers in over 50 countries

www.pennwhite.co.uk

Products

- Anti-static agents
- Foam control agents
- Greases & lubricants
- Release agents
- Silicone removers
- Silicone emulsions
- Heatset web offset

Certifications

- EcoVadis
- Responsible Care
- US FDA Registered
- Sedex
- IntegrityNext
- WRAS
- ISO 9001
- HALAL
- KOSHER
- HACCP

Tamilnadu Petroproducts Ltd. (Listed)

Linear Alkyl Benzene (LAB), Chlor Alkalis

- **Established in 1984 as a Greenfield project for Linear Alkyl Benzene (LAB)**
- **Commenced commercial production in 1987**
- **Diversified into Chlor Alkalis manufacturing in 2000 through acquisition**
- Set up facilities for manufacture of Propylene Oxide (PO) in 2018.
- The only LAB producer in South India with 120,000 TPA capacity.
- Major producer of caustic soda, chlorine and other related products.
- Listed in BSE & NSE with 90,000 shareholders.

PETROCHEMICALS

BSE: 500777 | NSE: TNPETRO | ISIN: INE148A01019 www.tnpetro.com

Products

- Linear Alkyl Benzene (LAB)
- Proplyene Oxide (PO)
- Heavy Chemicals Division (HCD)

Other Products

- Normal Paraffin
- Caustic Soda
- Chlorine
- Ammonium Chloride & Hydrochloric Acid (HCD)

Certifications

- ISO 9001:2015
- ISO 14001:2015

Safety Awards

- State Safety Awards from India's National Safety Council and Tamil Nadu State Government
- Recipient of Sword of Honour and other awards from British Safety Council

EDAC Engineering Ltd

Construction Services

- **Established in 1987**
- **Recognised Engineering Procurement Construction (EPC) contractor for balance of plant packages for power projects**

- Executed over 100+ projects ranging from large thermal power plants to complex plants in India and overseas
- Specialised in long-term & shutdown maintenance in refinery and petrochemical plants in India and overseas

www.edacengineering.com

Sectors

- Power
- Oil & Gas
- Refineries & petrochemicals
- Fertilizers
- Infrastructure
- Renewable Energy

Certifications

- ISO 9001:2015
- ISO 14001:2015
- OHSAS 18001:2007

Safety Approvals

- IBR - Indian Boiler Regulations
- CEIG - Chief Electrical Inspector to Government (ESA Grade “A” license to handle all HT electrical works)

Sicagen

Sicagen India Ltd. (Listed)

Construction Materials

- **Established in 2004**
- **USD 100 Mn company focused on value-added infrastructure services**
- **Partnering some of Asia's and India's largest infrastructure developers**
- **Authorized partners of leading global manufacturers**

BSE: 533014 I ISIN:INE176J01011

www.sicagen.com

Products

Building Materials

- ERW Tubes
- Seamless Tubes
- Boiler Tubes
- Structural Tubes
- Construction Steel
- Cables & Electrical accessories
- Paints & Construction chemicals

Power Control Systems

Sales and Service of:

- Woodward Governors
- Actuators & Controls
- Compressor Controls
- Retrofit Solutions
- Customized Solutions
- Protection Systems
- Instrumentation Products

Industrial Packaging

Manufacturers of

- MS Barrels – Open type & Closed type
- Conforming to IS standards

Specialty Chemicals

Chemicals for:

- Cooling Tower water treatment
- Sugar Industry
- Leather Industry
- Condensate water treatment
- General Chemicals

Sectors

- Infrastructure
- Power
- Oil & Gas
- Refineries & petrochemicals
- Fertilizers
- Process Industries
- Transportation

Certifications

- ISO 9001:2015

Wilson Cables Pte. Ltd.

Electrical Cables & Wires

www.wilson-cables.com

- **Established in 1974**
- **Award-winning Singapore based cables manufacturer in diverse grades for power and control, fire resistance, shipboard, instrumentation, oil and gas and flexible applications with a global presence**

Industries

- Construction
- Manufacturing
- Fire-resistant systems
- Shipping & Marine
- Oil & Gas
- Infrastructure

Certifications

- ISO 9001:2015
- TUV SUD, Lloyds, DNV-GL, Bureau Veritas, ABS, NKK, BKI, SNI
- Green Building Product certificate

GREENAM ENERGY

Greenam Energy Pte. Ltd

Solar Power Solutions

- **Established in 2017**
- **Charted a new course towards addressing global climate change by green energy production in a sustainable manner**
- **Completed 24.7 MW floating solar power plant, one of India's first floating renewable energy initiatives**

- Commissioned in March 2022, project cost at INR 150.4 crore
- Power produced is cheaper by about 50% as compared to Government grid power
- Higher efficiency due to cooling effect from water reservoir

GREEN SOLUTIONS

Key Project

- Built India's largest captive floating solar power project is located at SPIC's Tuticorin plant
- Power generation capacity ------ 24.7 MW
- Project supplies electricity to SPIC and Green star
- EDAC Engineering Ltd. undertook the construction

Impact

- Reduction in CO_2 emission up to 35,232 MT per annum
- Savings in evaporation of fresh water up to 109 million gallons per annum

Tuticorin Alkali Chemicals and Fertilizers™

Tuticorin Alkali Chemicals & Fertilizers Ltd.

(Listed)

BSE: 506808 | NSE: TUTICORALK | ISIN: INE400A01014

www.tacfert.in

Eco-friendly Soda Ash

- **Established in 1982**
- **Only Soda Ash manufacturer that derives the raw material CO_2 gas separated out of boiler flue gas with a 174 MT/day CO_2 recovery plant**
- **Also co-produces Ammonium Chloride fertilizers through a dual process**

Products

Soda Ash

Ammonium Chloride (Fertilizer grade)

Ammonium Chloride (Technical grade)

Certifications

- ISO 9001:2008
- ISI 251:1998

Awards

- British Safety Council
- National Safety Council
- Award from the Indian Home and Personal Care Industry Association
- Runner up at the RECEIC Awards at the FICCI Global Symposium on Resource Efficiency & Circular Economy in the Renewable Material Transition category

GREEN SOLUTIONS

Management Team

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

Devaki Ashwin Muthiah
Director

Manish Nagpal
CEO-Fertilizers

Hugo Chardon
Head of Strategy

Alagu Ashwin Muthiah
Director

R Chandrasekar
Managing Director, MPL

D Senthi Kumar
Whole-time Director, TPL

Tobias Tasche
CEO, PennWhite

K R Anandan
Whole-Time Director, SPIC

K Gopalakrishnan
Vice President - Corporate Affairs

Senthil Nayagam
Whole-Time Director, Greenstar Fertilizers

Management Team

AM INTERNATIONAL HOLDINGS PRIVATE LIMITED
Businesses trusted by society

E Rajesh Kumar
Whole-Time Director, TFL

Shivaram Narayanan
Chief Operating Officer, MPL

G R Sridhar
Whole-Time Director, MPL

Prasanna Joshi
Whole-Time Director, Sicagen

Govind D Panse
Whole-time Director, Wilson Cables

B Valavan
Whole-Time Director, EDAC Engineering

Corporate Social Responsibility

AM Foundation

AM Foundation
A cleaner, healthier, better life.

AM Foundation

- AM Foundation caters to the consolidated impact investing efforts of its member corporates.
- Across our businesses, we share our resources and expertise to support the vision of the Foundation and add value beyond our core business activities.
- The Foundation's initiatives are focused on primary healthcare.
- Our objective is to bridge the gap in the local healthcare ecosystem by bringing quality healthcare closer to the most vulnerable communities.

www.amfoundation.net.in

Why Primary Healthcare?

22%
Shortage faced by India in primary healthcare facilities

145th
India ranking out of 195 countries on the Global Healthcare Access and Quality Index (HAQ)

2.4 million
Annual number of preventable deaths in India

Focus

AM Foundation
A cleaner, healthier, better life.

- Delivering cleaner, healthier and better life in the communities it operates and to focus on establishment of primary health care centres.
- Addressing the prerequisites for primary health care such as safe water, basic sanitation & hygiene, nutrition, immunisation and education.

Key Activities

- Establishing Primary Health Care Centres (PHCCs)
- Educating local communities on health and hygiene
- Providing treatment and medical care
- Constructing sanitation blocks in schools
- Awarding scholarships to students

Impact

- **Primary Healthcare Centres**:
  1,76,429 people benefited from the Primary health care Service.
- **Sanitation:**
  Established **50+** sanitation blocks in government schools of Tamilnadu and **40,000+** students have benefited from this project.
- **Wellness & Wellbeing:**
  AM Foundation's community programmes, including the Happy Periods Programme and other services, have **directly supported 199,326 people** and **indirectly reached 1,195,956 others.**

Scale

- **Total Beneficiaries:**
  (from inception of AM Foundation till December 2023)
  16,11,711

Thank You

AM International Holdings

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Singapore 038988.

www.aminternational.sg

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21-22 Grosvenor Street, Mayfair,
London W1K 4QJ

www.amukholdings.co.uk

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