



AM International Holdings



FERTILIZERS & SUPPLY
CHAIN



PETROCHEMICALS



INFRASTRUCTURE
SERVICES



MEDTECH



GREEN
SOLUTIONS

BUSINESSES TRUSTED BY SOCIETY



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- Group Overview
- People, Principles & Philosophy
- Our Businesses
- Our Strategy
- COVID-19 Management
- Corporate Social Responsibility

Group Overview



FERTILIZERS & SUPPLY CHAIN

PETROCHEMICALS

INFRASTRUCTURE SERVICES

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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.”

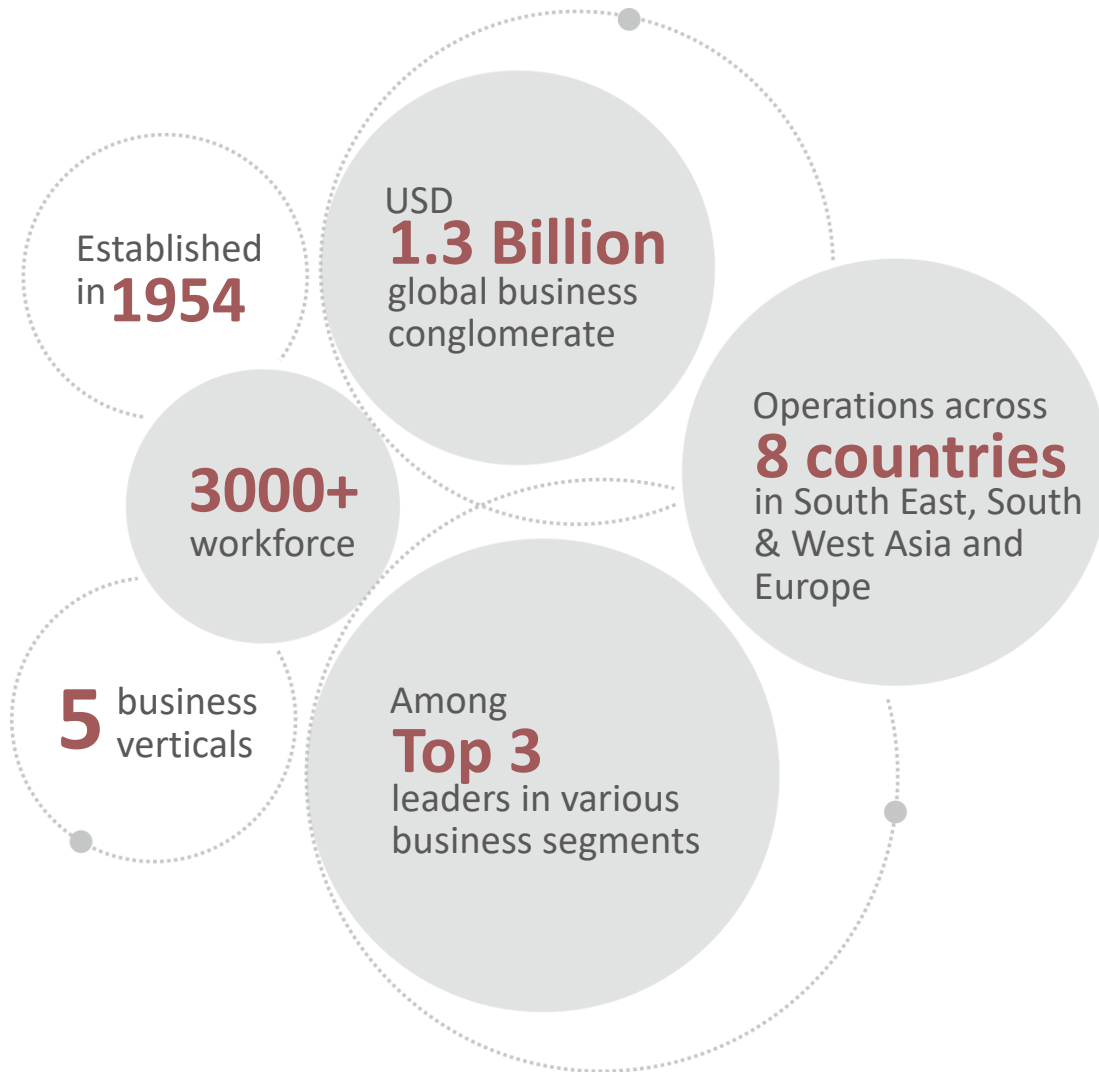
As a group, our commitment to ethical business standards, sustainability and safety remains unwavering.

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 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.



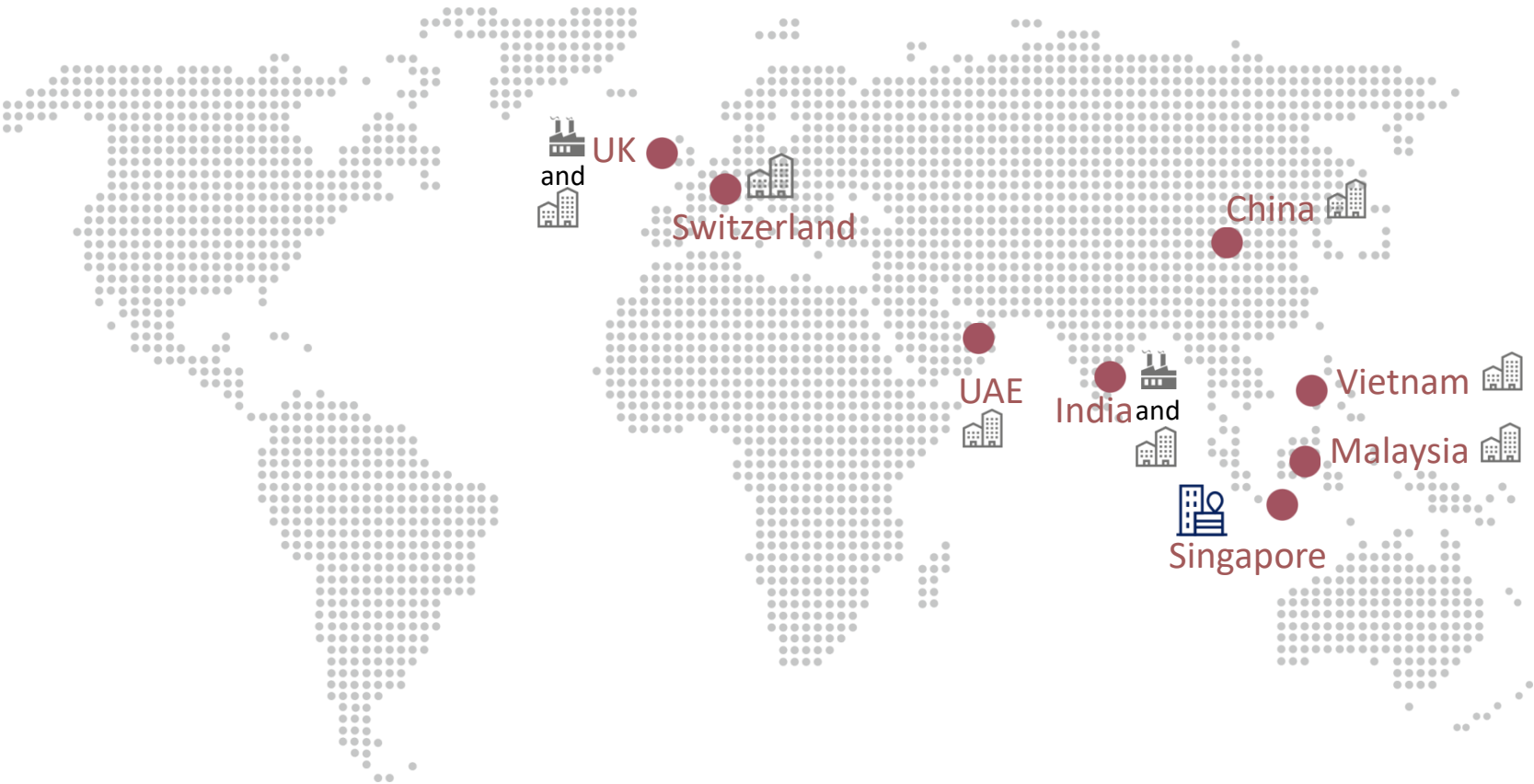
Our Presence

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

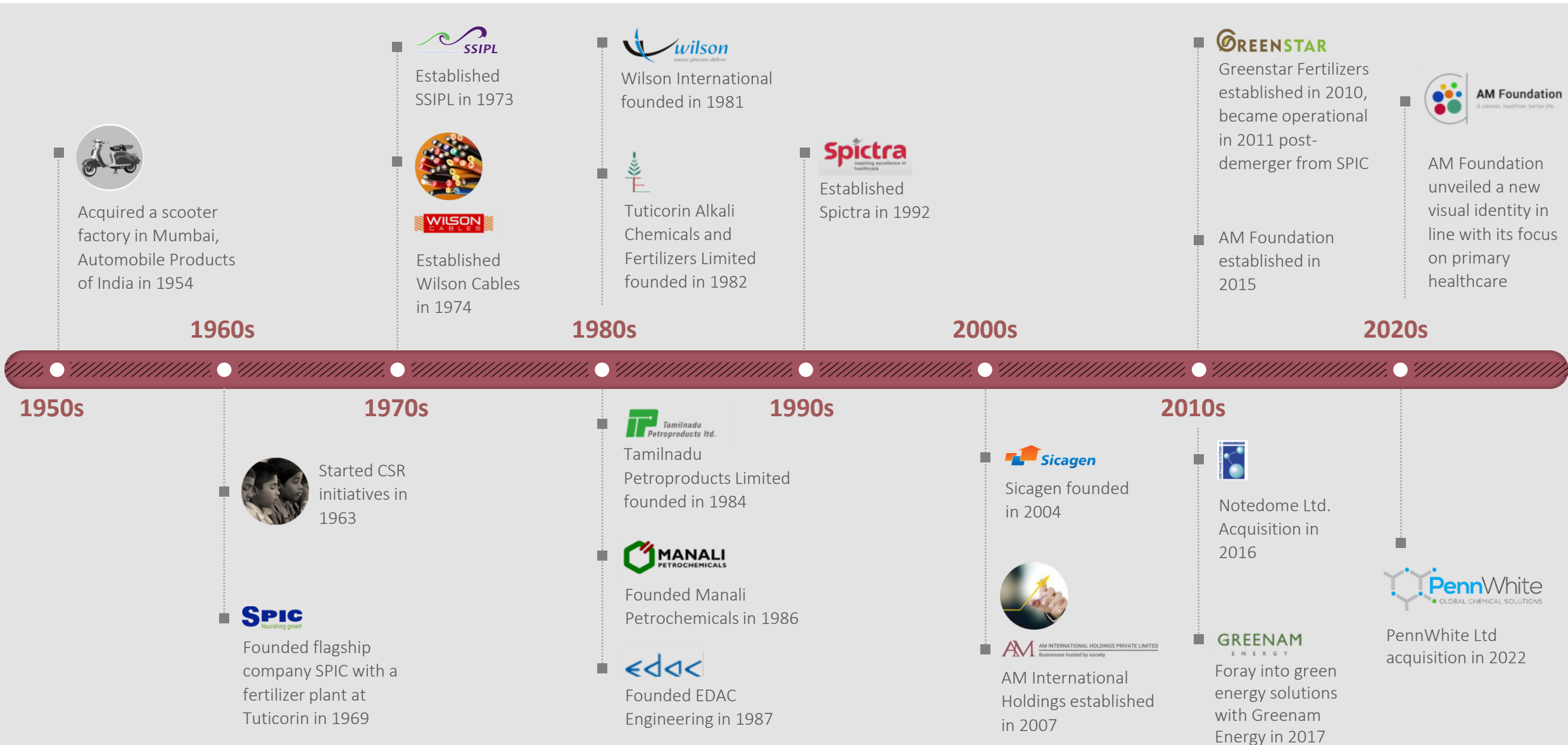
 Headquarters

 Plant

 Regional Office



Our Journey



People, Principles & Philosophy



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.

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 medtech and 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.



Our Businesses



FERTILIZERS & SUPPLY CHAIN

PETROCHEMICALS





INFRASTRUCTURE SERVICES










MEDTECH

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Our Businesses

Industry	Company	Segment
 Fertilizers & Supply Chain		Urea & Fertilizers
		Phosphatic Chemicals
		Commodity Trading House with a Focus on Fertilizers and Related Raw Materials
		Freight Solutions for Dry and Wet Bulk Cargo
 Petrochemicals		Propylene Oxide
		Propylene Glycol
		Cast Elastomers
		Foam Control Agents
		Linear Alkyl Benzene Chlor Alkalis

Industry	Company	Segment
 Infrastructure Services		Construction Services
		Construction Materials
		Electric Cables & Wires
 Medtech		Medical Technologies
 Green Solutions		Solar Power Solutions
		Eco-friendly Soda Ash



Southern Petrochemical Industries Corporation Ltd. (Listed)

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



FERTILIZERS & SUPPLY CHAIN

BSE: 590030 | NSE: SPIC | ISIN: INE147A01011

www.spic.in

Products

Chemical Fertilizers

Neem Coated Urea

Captive Power Plant

Intermediate Product

Ammonia

Tissue Culture Plants

Produced at Agro Biotech Centre

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 Fertilizers Ltd.

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

www.greenstarfertilizers.com

Products

Di-Ammonium Phosphate

Single Super Phosphate (SSP)

Aluminium Flouride (ALF3)

Captive Power Plant

Speciality Agro Products

Intermediate Products

Phosphoric Acid

Sulphuric Acid

Certifications

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





Wilson International Trading Pte. Ltd.

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*

www.wilsonuniverse.com

Assets

Acquired two Japanese-built Supramax Bulk Carriers

- AM Ocean Silver (*Built Tsuneishi Shipbuilding, Japan*)
- AM Ocean Star (*Built Tsuneishi Shipbuilding, Japan*)

Certifications & Recognitions

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





Singapore Shipping International Ltd.

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



FERTILIZERS & SUPPLY CHAIN

www.ssipl.com.sg

Customers

- Serves group companies and global customers that include fertilizer mines & manufacturers, trading houses, steel mills, cement and power plants
- Currently performing Contract of Affreightment for a renowned fertilizer mine for a cargo volume of 500,000 MT

Certifications

- Member of ICC International Maritime Bureau (IMB)



Manali Petrochemicals Ltd. (Listed)

Propylene Oxide, Propylene Glycol, Polyols and PGMME

- 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



PETROCHEMICALS

BSE: 500268 | NSE: MANALIPETC | ISIN: INE201A01024

www.manalipetro.com

Products

Polyols

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

PGMME

- Solvent used in paints & printing inks

Propylene Glycol (PG)

- Pharmaceutical, food & flavours and industrial grades
- To be augmented to 74,000 TPA in the next few years
- Di & Tri Propylene Glycol mainly for industrial applications

Propylene Oxide (PO)

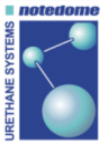
- Feedstock for the derivatives (PY/PG/PGMME)

Certifications

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

Acquisitions

- Notedome Ltd in 2016 (UK-based)
- PennWhite Ltd in 2022 (UK-based)



Notedome Ltd.

Cast Elastomers

- Established in 1977 in UK as a Cast Elastomer (CE) components maker
- Upgraded as a System House subsequently
- Globally acclaimed as the foremost CE maker
- Customers across 40 countries

- Makes a variety of CE systems for various applications under the Neuthane™ Brand
- Caters to aerospace, transportation, agriculture, industrial & mechanical, manufacturing & fabrications, marine, mining and quarrying, oil & gas, etc.
- Customers across 40 countries
- Globally acclaimed as the foremost CE maker



www.notedome.com

Industries

- Aerospace
- Transportation
- Agriculture
- Industrial & mechanical
- Manufacturing & fabrications
- Marine
- Mining & quarrying
- Oil & gas

Certifications

- ISO 9001:2015
- UK REACH



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 out of Cheshire, United Kingdom, PennWhite Ltd is a manufacturer of foam control agents and similar chemical products, including lubricants, surface coatings, release agents, and silicone emulsions through its wholly owned subsidiary Penn-White Ltd.
- Offers a portfolio of high-performance products for a wide range of applications in various industries to customers in over 35 countries



PETROCHEMICALS

www.pennwhite.co.uk

Products

- Anti-static Agents
- Foam Control Agents
- Greases & Lubricants
- Release Agents
- Silicone Removers
- Silicone Emulsions
- Heatset Web Offset
- Coldset Web Offset
- Sheet Fed

Certifications

- ISO 9001:2008
- FSSC & ISO 22000
- HACCP
- HALAL
- KOSHER



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
- Major producer of caustic soda, chlorine and other related products.
- Listed in BSE & NSE



PETROCHEMICALS

BSE: 500777 | NSE: TNPETRO | ISIN: INE148A01019

www.tnpetro.com

Products

- Linear Alkyl Benzene (LAB)
- Propylene 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



INFRASTRUCTURE SERVICES

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 India Ltd. (Listed)

Construction Materials

- Established in 2004
- 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 | 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



INFRASTRUCTURE SERVICES



Wilson Cables Pte. Ltd.

Electrical Cables & Wires

- 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

www.wilson-cables.com

Industries

- Power and control cables
- Fire resistant cables
- Shipboard cables
- Instrumentation cables
- Oil and gas cables
- Flexible cables

Certifications

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





Medihub Sciencetec Pte. Ltd.

Medical Technologies

- Started commercial production in 1992
- High-end life support solutions using state-of-the-art medical technology.

www.spictra.com

Focus Areas

- Cardiac surgery
- Airway management
- Neurology
- Blood transfusion

Contract Manufacturing

- Blood cell salvage products for European company
- Chemotherapy perfusion products for US company
- Interventional products for Japanese company
- Cardiopulmonary products for Japanese company
- Indigenous dialyser development along with NHHID, Anna University

Certifications

- ISO 9001:2015
- ISO 13485:2016
- Class 7 Clean Room
- European CE marking MDD/93/42/EEC
- Govt. recognized R&D unit
- Manufacturing license issued by Indian Medical Device Regulation, 2017

Awards

- National-level invention award for Blood oxygenator
- National level technology innovation award for Cardioplegia system
- Invention award for Arterial Blood filter



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
- Power produced is cheaper by about 50% as compared to Government grid power
- Higher efficiency due to cooling effect from water reservoir



Key Project

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

Impact

- Reduction in CO₂ emission up to 35,232 MT per annum
- Savings in evaporation of fresh water up to 109 million gallons per annum



Tuticorin Alkali Chemicals & Fertilizers Ltd.

(Listed)

Eco-friendly Soda Ash

- Established in 1982
- Only Soda Ash manufacturer that derives the raw material CO₂ gas separated out of boiler flue gas
- Also co-produces Ammonium Chloride fertilizers through a dual process
- Having 3 MLD Desalination Plant

BSE: 506808 | NSE: TUTICORALK | ISIN: INE400A01014

www.tacfert.in

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



Management Team



Devaki Ashwin Muthiah
Director



Manish Nagpal
CEO – Fertilizers



Hugo Chardon
Head of Strategy



Muthukrishnan Ravi
Advisor



S R Ramakrishnan
Advisor



G Ramachandran
Advisor



R Chandrasekar
*Whole-time Director
& CFO, MPL*



K T Vijayagopal
*Whole-time Director
Finance & CFO, TPL*



D Senthikumar
*Whole-time Director
Operations TPL*



Tobias Tasche
CEO, PennWhite



Management Team



K R Anandan

Chief Financial Officer, SPIC



S Narayanan

*Whole-time Director,
Greenstar Fertilizers*



E Balu

*Whole-Time Director,
SPIC*



K Gopalakrishnan

*Vice-President –
Corporate Affairs*



Senthil Nayagam

*Whole-time Director,
Greenstar Fertilizers*



E Rajesh Kumar

*Whole-time Director,
TFL*



Nandakumar Varma

*Whole-time Director,
Sicagen*



Gurumoorthy Nagarajan

*Managing Director,
Notedome*



Govind D Panse

*Whole-time Director
Wilson Cables*



B Valavan

*Whole-Time Director,
EDAC Engineering*

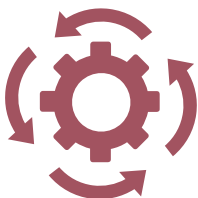
Our Strategy





Our Strategy

At AM International, sustainability is at the core of our strategy. Our success is underpinned by our long-term focus on sustainable actions.



Improved Efficiencies

In costs, operations, compliances and resource usage



Innovation

To capitalize new business opportunities



Good Governance

To ensure transparency and accountability



Stewardship

In the post COVID-19 era



Enabling Sustainable Growth



Strengthen Market Leadership

Fortify leadership in the manufacturing & distribution business.

Upgrade plant & machinery, harness digitisation and an R&D-led innovation focus.



Enter Value Based Business

Enter new business areas that are complementing current businesses.

Focusing on emerging opportunities – Green Solutions and Medtech.



Geographic + Opportunistic Focus

Focus on India & South East Asia as a geography to tap the 1 billion+ consumption opportunity.

Opportunistic foray into UK and Europe based on current strengths.



Create value through an ESG focus

Ensure business longevity by making sustainability a priority.

Create long-term value by adopting a conscientious approach to ecological, social, and economic priorities.



Cost & Compliance Leadership

- Continuous capacity improvements with brownfield projects – optimize CAPEX through judicious resource utilization.
- Focus on energy savings and manufacturing efficiency – increased margins with reduced per unit production cost.
- Modernize our plants with best-in-class technology for Health, Safety, Security & Environment (HSSE).



Market Leadership (India)

- Long-term, sustainable stakeholder returns with responsible business conduct.
- Focus on Environmental, Social and Corporate Governance (ESG) parameters in every aspect of business – measured risk-taking & fiscal prudence.
- Committed to building trust & transparency with stakeholders through meaningful technology interventions.



Value Creation Focus

- Fortifying market leadership in food security will be our continuous focus.
- Strengthening our presence in green solutions and speciality chemicals viz. manufacturing safe and future-proof solutions.
- The emphasis on small & marginal farmers is giving a fillip to agri-nutrient companies. Increasing environment awareness and compliance measures are driving green growth.

COVID-19 Management





Health and Safety

Prioritising employee health and safety, focusing on workplace hygiene and worker safety.

Restricted personnel visits and staggered staff schedules.



Business Expansion

Driving business expansion through clean energy and manufacturing.

Brownfield project expansion through sustainable technology interventions.



New Business Opportunities

Focusing on new business opportunities in the food and pharma sectors.

Emerging opportunities— green solutions and medtech.

Community Support

With the support of the local government in Tamil Nadu, India, distributed food kits, along with health and hygiene essentials like face masks, sanitisers, and spray pumps to local communities.

Corporate Social Responsibility





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



- 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:**
52,000+ people benefited from the Primary health care Service.
- **Sanitation:**
Established 50+ sanitation blocks in government schools of Tamilnadu and 33,000+ students have benefited from this project.
- **Wellness & Wellbeing:**
42,000+ People have benefited from the community service by AM, PHCC's

Thank You



AM International Holdings

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www.aminternational.sg

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www.amukholdings.co.uk

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