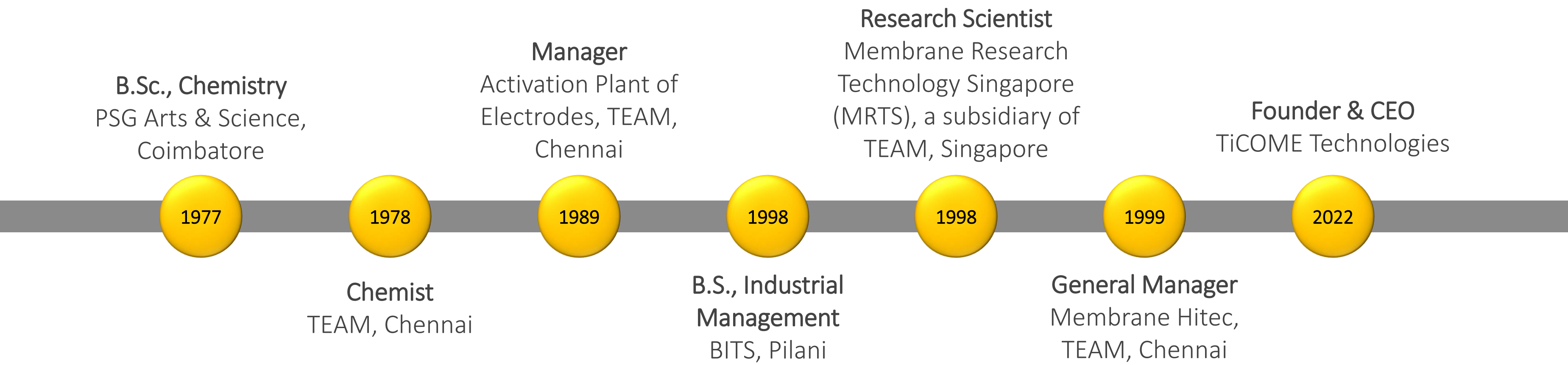


Sivasubramanian Ramasamy

Founder & CEO, TiCOME Technologies



Personal Profile



Titanium Substrate Insoluble Anodes (TSIA) Coating

Noble metals
(Platinum, Palladium, Iridium,
Ruthenium, Tantalum)

Applications

- Electrodes for Caustic Chlorine Plant
- Sodium hypochlorite Generation
- Ballast Water Treatment
- Water Disinfection
- Water Electrolysis

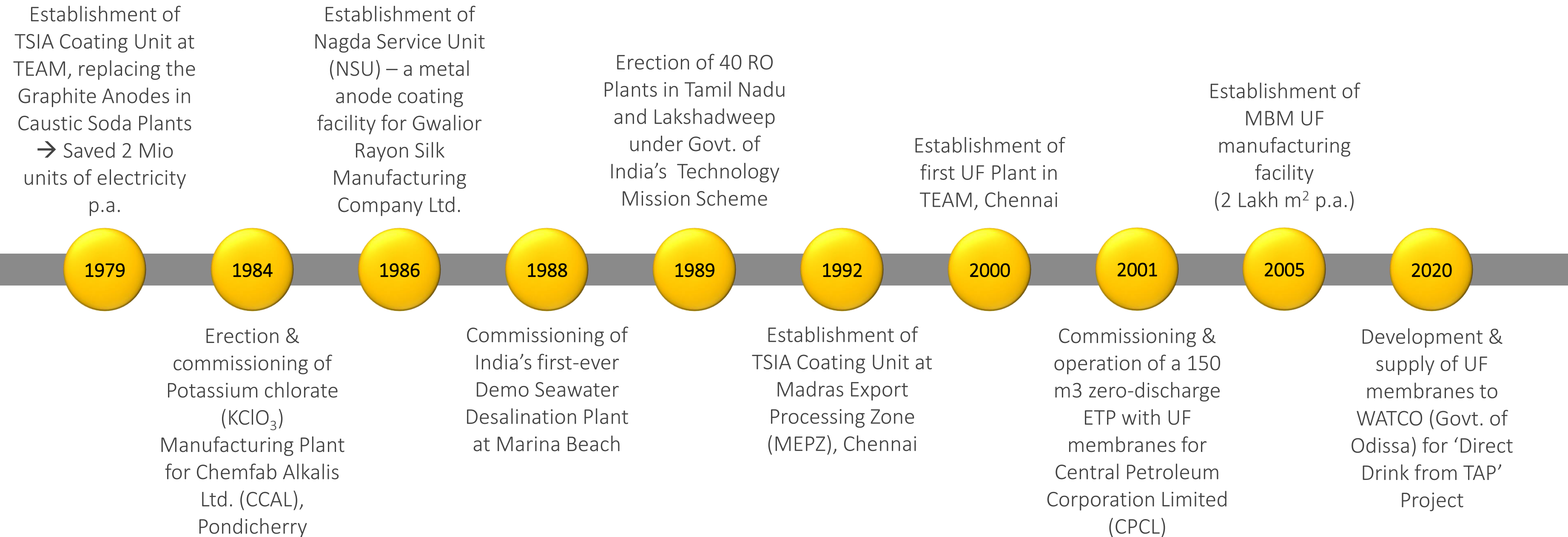
Ultrafiltration (UF) Membrane Development & Manufacturing

Polysulfone (PSU)
Polyethersulfone (PES)
Polyvinylidene difluoride (PVDF)

Applications

- Effluent Treatment Plant (ETP)
- Sewage Treatment Plant (STP)
- Membrane Bioreactors (MBR)
- Pre-treatment of seawater before RO feed
- Membrane for Kidney Dialysis

Milestones



International connections

- Study of Cathode Coating Technology from Chlorine Engineers Corporation (CEC), **Japan**
- Manufacturing of Metal Anodes for mercury cells, **Tunisia & UAE**

1992

1995

Knowledge acquirement of Noble metal coating for Nickel cathodes in bi-polar membrane cells in caustic chlorine, **Germany**

Acquisition of UF equipment from **China** & Establishment of pilot plant at **Singapore** for spinning of hollow fibre membranes

1998

2000

Study on commercialization of UF membranes by visiting Pentair X-Flow, **The Netherlands**

Study on Electrodeionisation (ED) technology at SnowPure Water Technologies, **USA**

2003

Retro-fitting of UF Membranes for seawater pre-treatment at Wilmar International, **Indonesia**

2015

Contact Us



S 14/2, SIPCOT Aerospace Park, Vallam, Sriperumbudur Tk.,
Kanchipuram Dt., Chennai – 602105, Tamil Nadu, India



044-67625970



+91 9790848991



www.ticometech.com



info@ticometech.com
sivasubramanian@ticometech.com



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