Resource Efficient & Cleaner Production (RECP) Pilot Project to Foster Eco-Industrial Development in Eco-Industrial Parks in India

Dr. Bharat Jain
Member Secretary
Gujarat Cleaner Production Centre
Gandhinagar, Gujarat - INDIA

Development of EIP at Dahej and Nandesari
in association with UNIDO

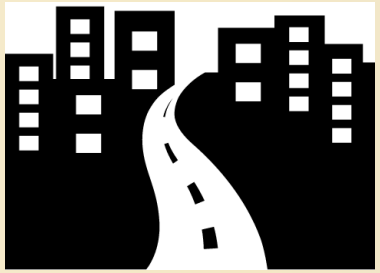
Nandesari Industrial Estate	
Established	1969
Area (Sq. km)	2.14
Number of companies	210
Land ownership	Gujarat Industrial Development Corporation
Key industrial sectors	• Chemical • Pharmaceutical • Dyes & Dye Intermediates • Synthetic Organics • Pesticides • Engineering • Packaging

Dahej Special Investment Region	
Established	Under development
Area (Sq. km)	453
Land ownership	Gujarat Industrial Development Corporation
Key industrial sectors	Petroleum, Chemical & Petrochemical
Investment made & committed	USD 20.5 billion
Infrastructure Development	USD 727 million

3 Step Approach to Eco-Industrial Park

MICRO

(RECP Assessment at individual industry level)



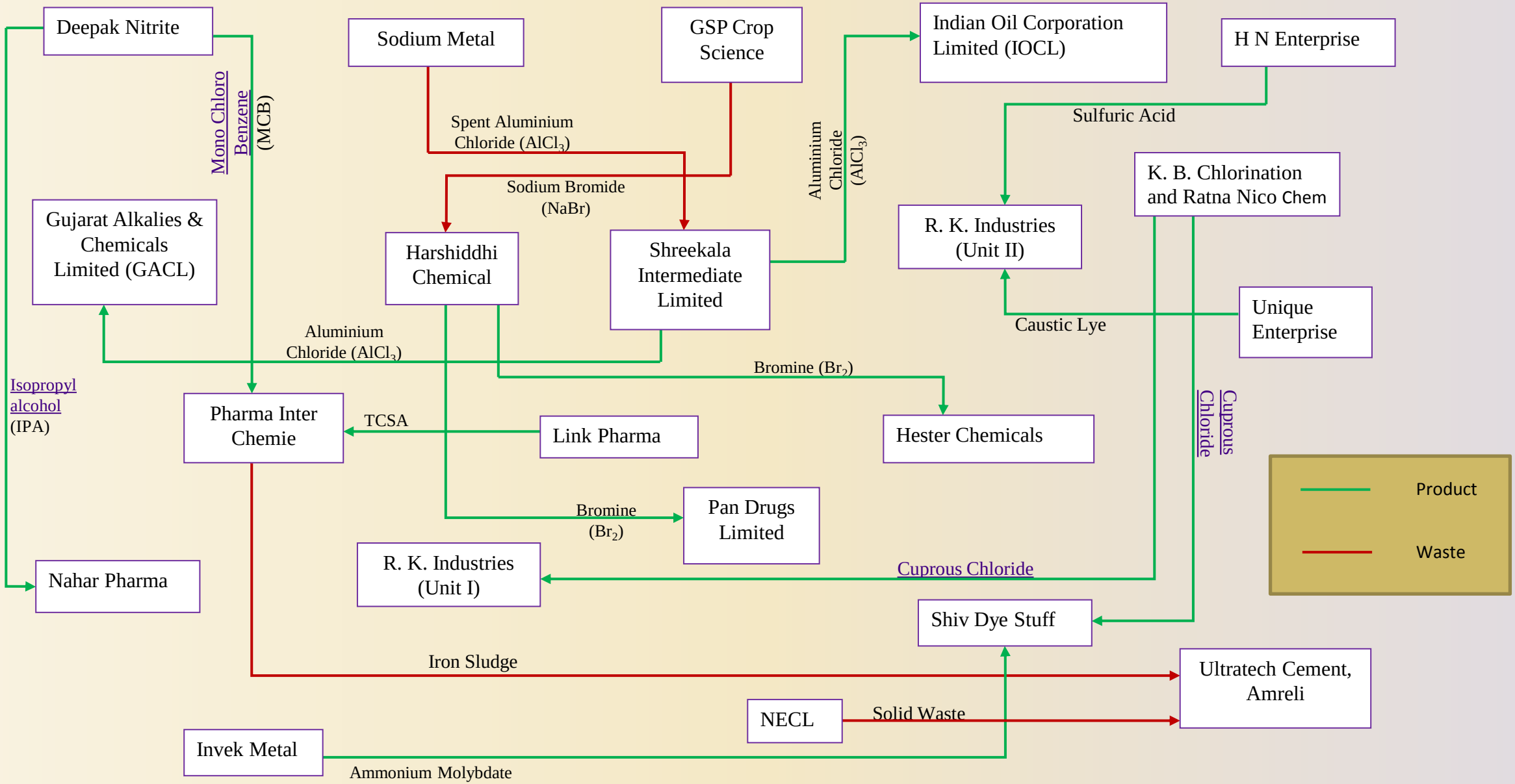
MACRO

(RECP at estate/ cluster level for overall improvement of environmental performance)

INDUSTRIAL SYMBIOSIS

(Network of Synergies – waste of one industry is resource for other industry)

Industrial Symbiosis



Thank You

GUJARAT CLEANER PRODUCTION CENTRE

(Estd. By: Industries & Mines Dept., Govt. of Gujarat)

Block No: 11-12, 3rd Floor, Udyog Bhavan,

Gandhinagar, Gujarat – INDIA

Phone: 079-232-44 147

Email: gcpc11@yahoo.com, info@gcpcgujarat.org.in

Website: www.gcpcgujarat.org.in