

12th UIC Sustainability Conference



State of Play of Sustainable Procurement in Indian Railways – Strategy to Lead the change

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Indian Railways
Lifeline to the nation...

Who we are?

The Third Largest Railway Network!

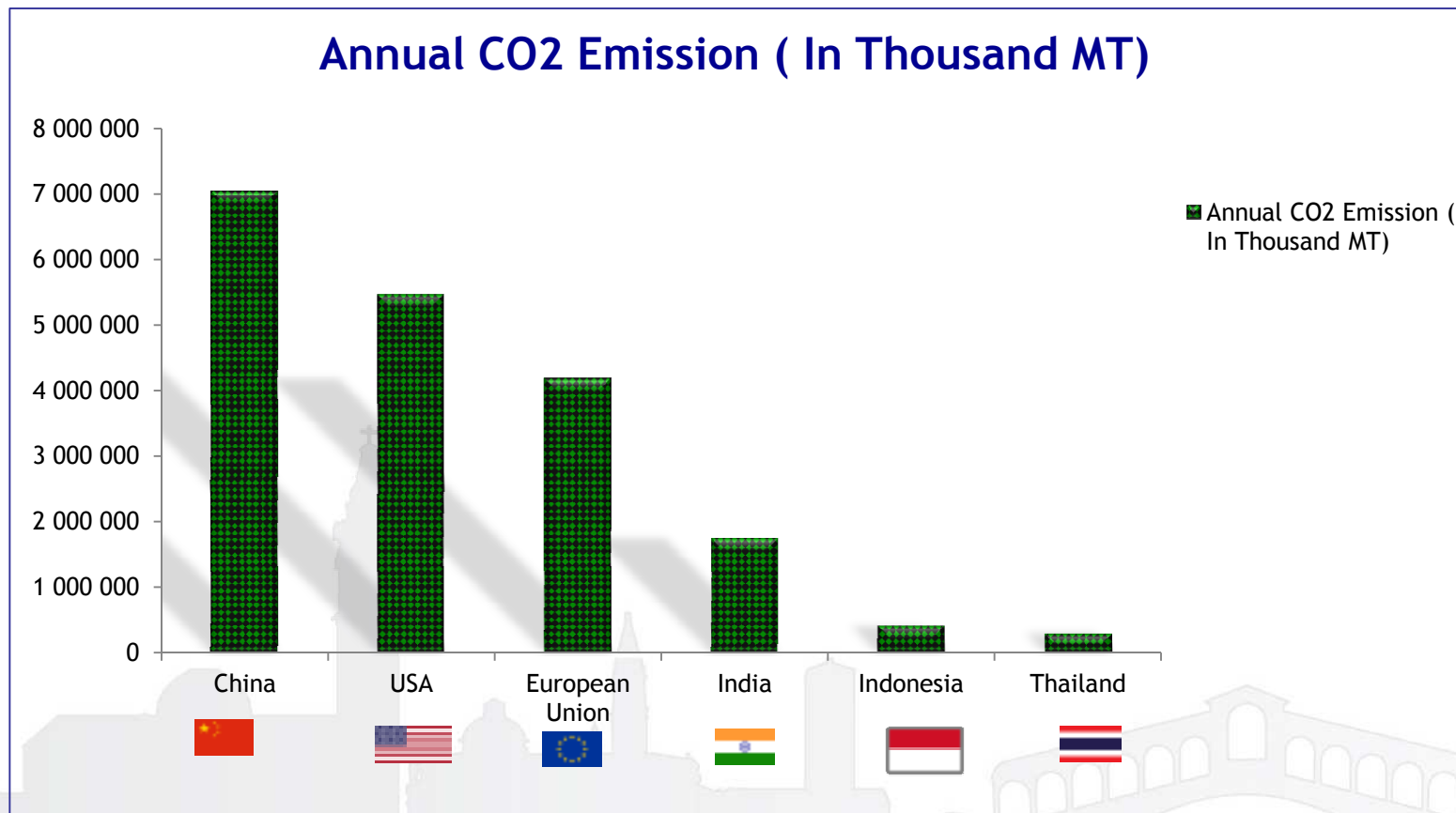


- 63,974 route Kms
- 12,000 Passenger Trains per day
- 7,000 Freight Trains per day
- 23 million passenger every day
- 2.65 million tons of freight traffic every day
- 1.34 million employee
- Annual revenue base of \$21.2 Billion



Worrying Trend of GHG Emission!

VENICE 2012



India committed to reduce the emissions intensity of its GDP by 20 - 25% by 2020 in comparison to the 2005 level

Public Procurement as a tool



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Regulatory
Power



Purchasing
Power



Greener,
Innovative &
Sustainable Path



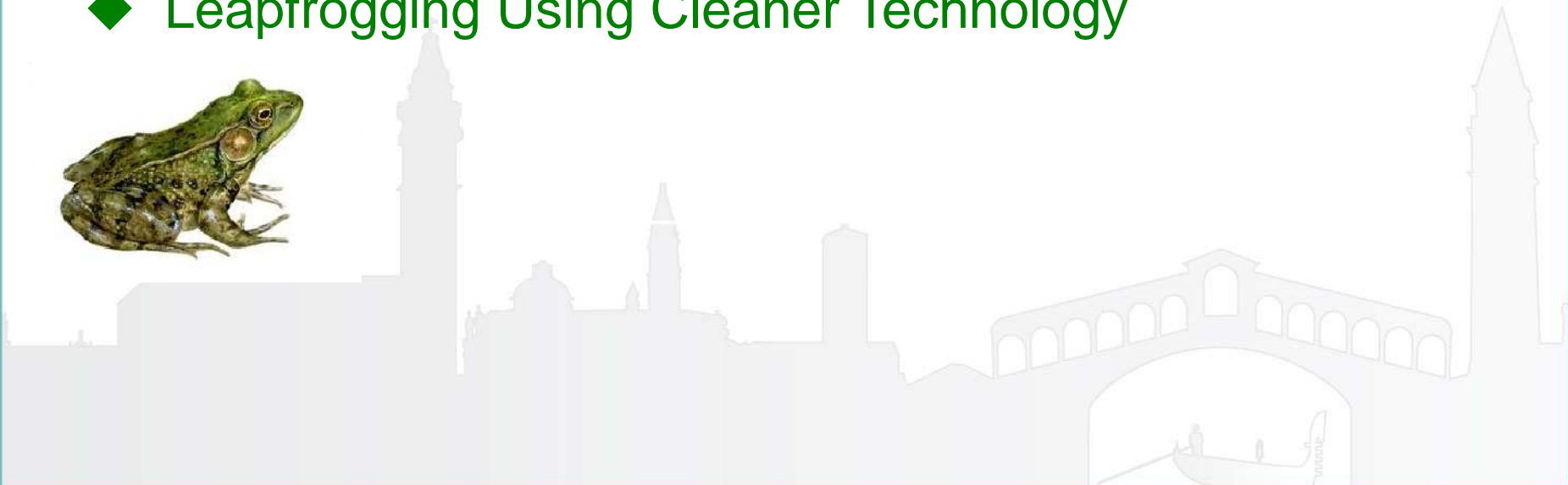
Two Key Benefits



◆ De-coupling of Growth from Resource Use

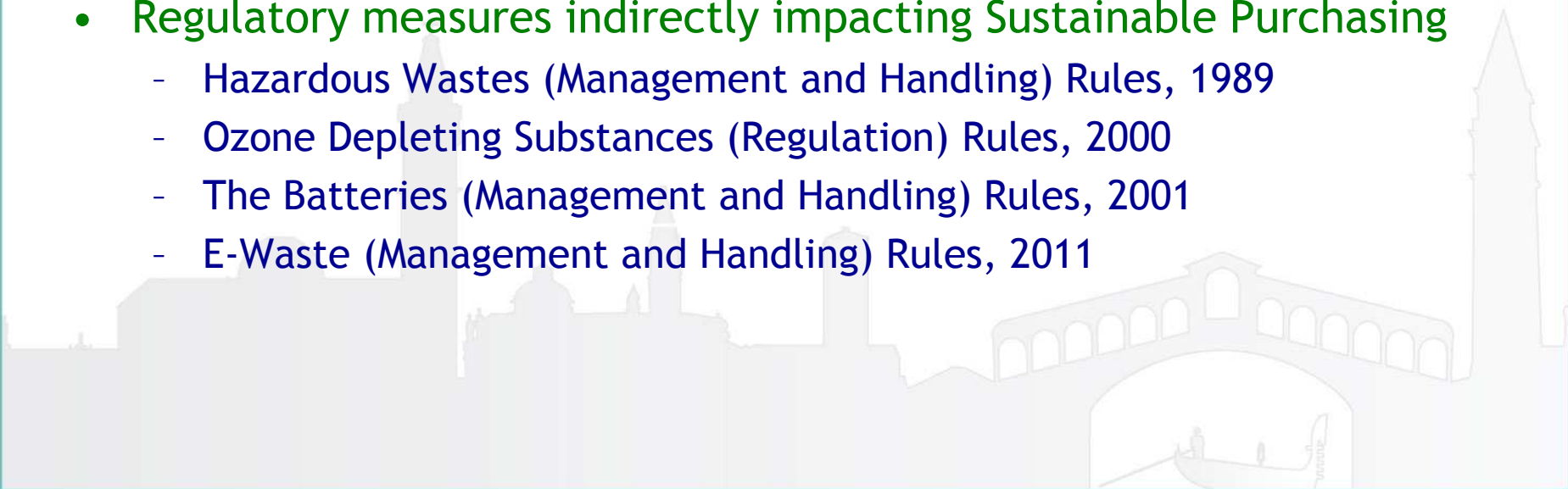


◆ Leapfrogging Using Cleaner Technology



Legal & Institutional Framework in India

- General Financial Rule (GFR), 2005
- Delegation of Financial Powers Rules, 1978
- The Government initiative
 - Star rating for appliances introduced in 2008
 - Vehicular emission norm - the Bharat IV in place
 - The Energy Conservation Building Code (ECBC) 2006
- Regulatory measures indirectly impacting Sustainable Purchasing
 - Hazardous Wastes (Management and Handling) Rules, 1989
 - Ozone Depleting Substances (Regulation) Rules, 2000
 - The Batteries (Management and Handling) Rules, 2001
 - E-Waste (Management and Handling) Rules, 2011



Current Status of SPP in India



- Need for effective market-based approaches
(Approach Paper to 11th Five year Plan)
- Pressure point of sustainability issues- NGO, Consumers, Media, Market
- Present GFR clueless
- SPP- Very new concept, not much known to many
- A Committee headed by Member, Planning Commission is looking at framing guidelines on GPP
- India included in Phase - II of UNEP SSP Initiative
- Draft Public Procurement Bill, 2012
- About 224 products reserved for procurement from SMEs





INDIAN RAILWAYS VISION 2020

“Indian Railways can be India's principal and foremost response to the challenge of Climate Change.”



Initiative at Indian Railways

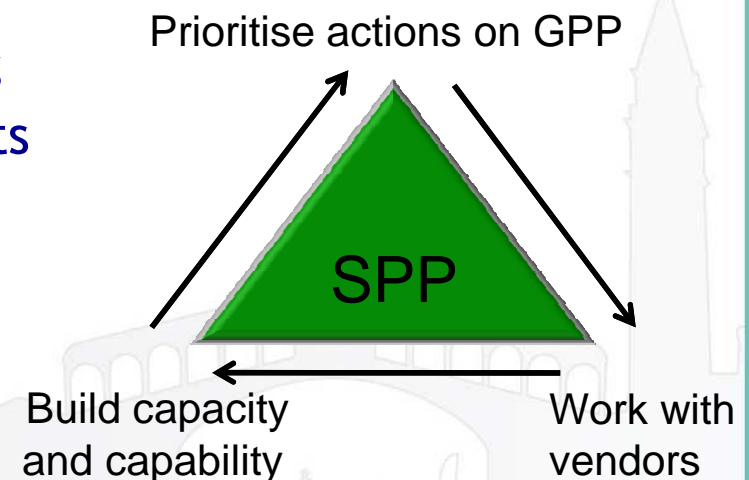


- Energy efficiency as a key strategy to achieve a low carbon path
- Replacement of 1.4 million ICLs with energy efficient CFLs (90,000 tones of CO₂ per annum)
- Procurement of Linen and upholstery only from KVIC & ACASH
- Setting up of 72 MW capacity windmill plant
- Provision of solar lighting systems at 1000 manned level crossing gates
- Procurement on only 3-star rated accredited electrical appliance
- Phasing out of old generation refrigeration gas such as CFC-12
- Boron free coolant in Diesel Locomotives
- Introduction of three-phase regenerative braking technology on electric locomotives & EMUs
- 200 remote railway stations as “Green Energy Stations”
- Acceptance of SMS on mobile phones as proof of valid reservation (1.48 MT of CO₂ equivalent)
- Commissioning of two bio-diesel plants in 2012-13
- Introduction of bio-toilets in 2,500 coaches in the current financial year 2012-13.

Our Action Plan...



- Short Term:
 - Make SPP an aim of Indian Railways
 - Issue Policy Guidelines on SPP
 - Start in phased manner; Identify five-ten products
- Long Term:
 - Capacity and resource building
 - Institutionalise SPP mechanism
 - Information, Communication and Training
 - Creation of market for green products
 - Have dialogue with vendors





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**Thank you for your kind
attention!**

