

Adoption of the ICM Concept for Management of Coastal Areas in Singapore

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Singapore River Clean-up

- 1977-1986: Required 10-year commitment
- Multiple issues in cleaning up:
 - Farms
 - Squatters
 - Sewerage
 - Street hawkers
 - Ship-unloading activities
- Just a clean river was not the long-term end point...

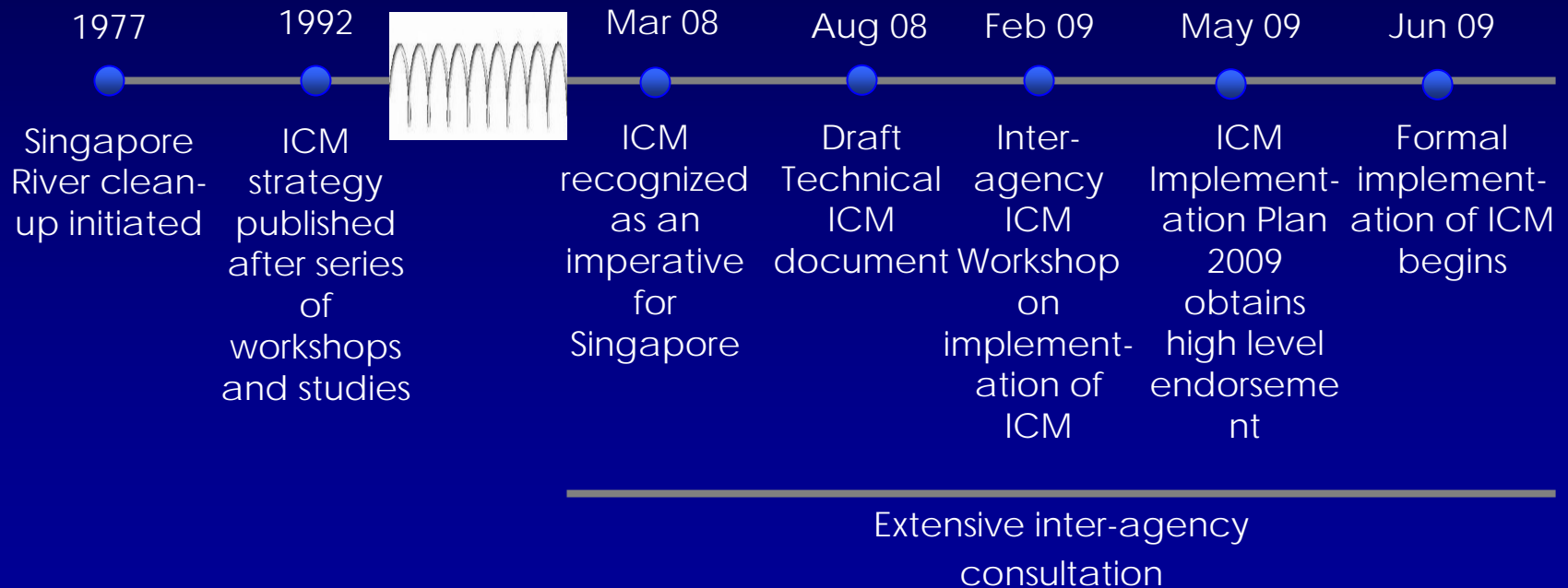
Post Clean-up: Rejuvenation and Commercial Sustainability

- **Multiple-use embraced**
 - Creation of activity corridor along river mixed business, recreation and housing use
- **Collaboration**
 - Partnerships between public and private sector (significant private riverfront land ownership)
- **Trade-offs**
 - Juxtaposition of old and new developments (balance between character of old buildings and commercial efficiency of new)

Other Early ICM-related Activities in Singapore

- 1986: 1st National Workshop on Urban Coastal Area Management
- 1988: 'Coastal Environmental Profile of Singapore' published
- 1989: 2nd National Workshop on Urban Coastal Area Management
- 1992: 'Strategies for Singapore's Urban Coastal Area Management' published

ICM Adoption in Singapore: Milestones



Lessons Learnt

- **Preparation crucial**
 - Key stakeholders need to be identified
 - Establish basic ICM understanding among key stakeholders
- **Early engagement and consultation**
 - Work towards partnerships; avoid partizanship (collaborators, not competitors)
 - Build stakeholder ownership and buy-in

Lessons Learnt

- **Persistence and follow-through**
 - Trust built up when promises delivered; eroded when neglected
 - No answer is not the same as 'no' for the answer
- **Timing**
 - Obtain support of key partners before starting
 - Recognize when support base is sufficient; then move quickly

2 Key Misconceptions

- ICM adoption involves creation of new 'ICM super-sector' that will erode influence of existing sectors
- ICM adoption is panacea for all sustainable management issues and all aspects need to be implemented immediately

Thank you!