

REFLECTIONS

DAY 2

24TH February 2010

Keynote 2: The Green City Action Plans of Adelaide, South Australia

- Changing focus over time – environment – climate change – integrated land use planning;
- Environment - Focus on ecological systems
- Climate Change – Impact on humans & Security; Emissions & Energy reduction
- Integrated Planning for City – Focus on capacity of settlements
- Evolution of the Green Plans – City of Adelaide Strategic Plan – Environment Sustainability Strategy – Carbon Neutral Action Plan – Adelaide Green City Sector Agreement – City of Adelaide Strategic Plan;
- Tools – Sustainability Dividend; Vulnerability Analysis; Productivity Dividend;
- Mandatory Legislation with tax incentives –rainwater tanks (min.1000L)
- Exemption for integrated development
- Water Security – recycled water pumped using solar energy into parklands irrigation
- State and Federal funding; council purchase the water

- Should integrate from the beginning – retrofitting can be expensive
- Partnerships (PPP) – eg: Stormwater treatment & reuse for a new development – finding willing partners;
- Rebates for solar installation; wind farms – 15% of energy from this source;
- Solar Transport – 2 buses; free city service
- Examination of Council's own performance level in terms of contributing to Greenhouse gases – understanding own profile; have measures; – putting up action plan in line with the Strategic Plans; review progress; re-strategize;
- not afraid to learn and change the action plans; do not wait for comprehensive plans – commence projects within established framework;
- Integrated Land Use Planning – relation between density & transport efficiency ; density & also open spaces; and these open spaces providing services to buildings – creating the city within an ecological system that meets up with the issues of climate change

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- System of reporting and score cards, review,
- Basic Requirements for integrated Approach: Professional - Need for multi-disciplinary team; governance level- getting key partners
- Committees set up at State & Council level that coordinates programmes and efforts towards the Green City Action Plan.

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Paper 7: Accounting Contribution to Sustainable Cities

- Accounting requires radical changes in the way of doing business – ensure resources, using the sustainability framework which has many sources of info.:-
- sustainability must become a business strategy, have strong internal management (how to get the job done) ; funders –report to these people-accountants to tell the story; transparency in how a city is sustained;
- Accountants preparing sustainability reports – L/T performance; not just economics, but also social and environmentally responsibilities;
- Example of the Accountant's Report in analyzing costs, including external costs such as quality of life, safety, in the implementation of free buses vs. building new roads in solving traffic issues;
- Key considerations of preparing sustainability reports – who reads, most suitable framework & guidelines, quality of internal reporting & management information – basis for external disclosures;
- Report boundaries, communications strategy, benchmarking, reviewing, learning

- Sustainability about balancing many factors;
- Legislation required to implement the large investments required for organizations – to make better use of financial and non-financial info to make decisions;
- Cost of city operation over time based on assets and life cycle costing; use for decision making and budgetary allocation;
- Standards on Auditing & Assurance – standards, that are reviewed to incorporate changes; adaptation to requirement of uses; iterative process;
- Data integrity & management & Accessibility (suggested librarians) ; mapping of business process, clear roles & delegations;
- Materiality items – omissions, misstatements; address reader's needs,
- Always reviewing, evolving, Changing,

Paper 8: Upscale and Downscale – Innovative Planning through Sustainable Architecture

- Important for SD (Sime Darby) to get their act together and right in line with the post merger tagline ie Developing Sustainable Futures through 1) sustainable process 2) creating framework 3) developing targets
- Using holistic framework = Sustainable communities framework ie 8 key areas. Adopted framework by UK Government (ie Sustainability Excellence Framework) – to audit all townships and master plans against the framework. Then chart future plans and programs.
- Embodied the framework into the overall process. This require internal and product transformation and multidisciplinary approach throughout various perspectives and professions.
- Design process – Interdisciplinary workshop (intensive workshops), design charrettes with key personnels to discuss key policies, strategic actions, targets.

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- Integrated project delivery and process – everybody in the team share the same documents/data. Information stored through a single platform.
- New approach to doing construction – deconstruct design process currently practiced by learning from other industries such as aviation and automotive industries. Learning how to emulate their process into construction industry for efficient delivery.
- Lessons learnt from traditional housing typology for contemporary houses. Solutions from lessons learnt showcased through SD Idea House.
- Applications from SD Idea House - how each products in future townships can integrate the different aspects/solutions from the Idea House for commercial viability. Modularisation and flexible expansion for future products.

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Paper 9: Local Government And Public Transportation for Green Cities

- 100 green cities in USA alone & Other developed countries – all endeavour to transform the transportation system – reduction in CO2 emission, through greater efficiency of Public Transport System;
- Sustainable Transportation – Modes, Infrastructure, Logistics & relationship with Environment, Society & Economy
- Current Solutions compounding the problem – build more roads for cars, not people,
- Reverse approach – Feet first, pedal next, vehicles – maybe;
- Only 3 simple strategies – i. reduce transport demand –change land use pattern ii. Increase share of public transport iii. Reduce emission
- Elements –
 - Improve fleet efficiency
 - Targeting the commuter
 - Emphasize transit
 - Support Bicycling
 - Create pedestrian friendly community
 - Planning facilities wisely
 - Engaging communities

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- Need for political will and great leadership as involves many agencies;
- From a monopolistic regime to a competitive commercial approach; even recently introduced PT Institutional framework;
- Examples of London and Curitiba – services managed by the city;
- Focus has been on vehicle, not on services - Sequence of decisions is “Appropriate” Institutional framework → “Best” strategy → “Right” tactics → “Quality” operations.
- Strength in the Local Government Act, which provides the powers for LA’s to manage public transportation;
- Transformation required – Regional buses to local buses

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Paper 10: Community Initiatives in Solid Waste Reduction, Sukunan Village, Sleman, Jogjakarta.

- 312 families, 1000 people, 40% farmers
- Local Authority could not cope with solid waste collection;
- Just through observation, own experimentation, developed own idea, encouraged & motivated family, neighbours and then the whole community;
- Income generated for individual and community;
- 90% reduction of solid waste;
- The Sukunan Award Winning Model has been replicated;

4 Sub-Themes

- Technology – National Policy, Master Planning, Greening of a city, water management
- Accessibility - transportation
- Economics – accounting , development
- Management – assets , community

Within the overall Sustainable Ecological City of the World Bank and an example of a city that has adopted a comprehensive Green Action Plan.

SUMMARY & COMMONALITIES

- **Multi-professional approach, no one profession is supreme**
- **Right partnerships – PPP**
- **Involving community**
- **There must be legislation for enforcement**
- **Incentives (rebates, exemptions)**
- **Not afraid to make changes, to constantly review – reporting system**
- **To not wait – formulate the framework then act upon;**
- **There are simple solutions out there; reduce need for new costly technologies**
- **Get a champion to lead at every level, not just the community**

WAY FORWARD

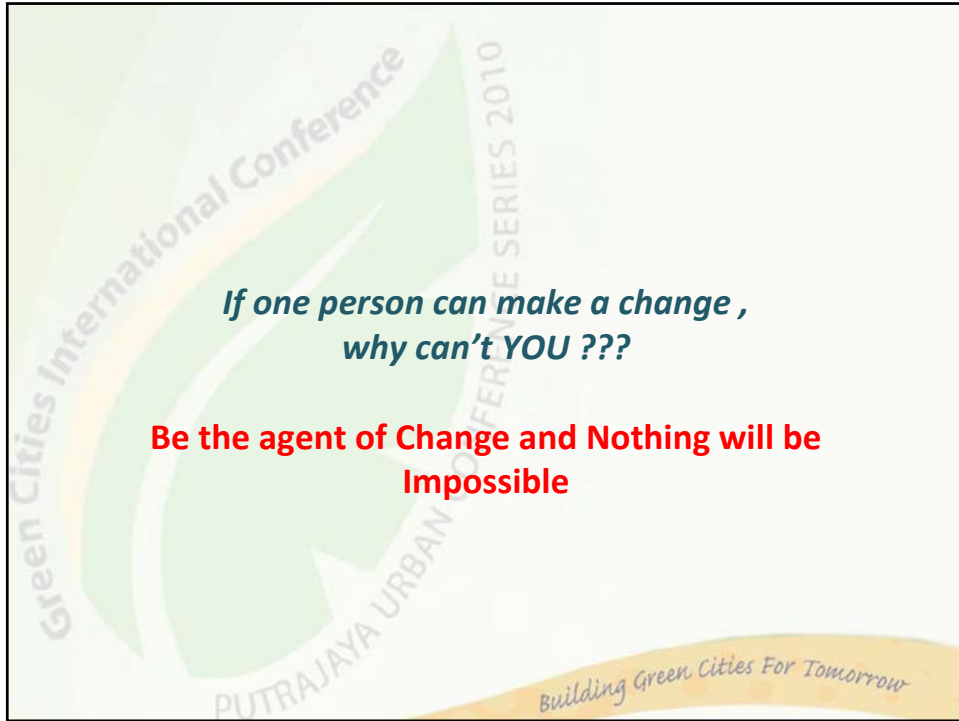
- **Workshop to formulate the Road map for Putrajaya & Cyberjaya;**
- **Formulate the Framework for a Green Action Plan**
- **Future Collaboration with Ministry of Energy, Water & Green Technology to have Master Classes or Training Workshops**

50th EAROPH Jubilee Congress Adelaide

- **Main Theme:**
“CITIES & THEIR REGIONS – CATALYTS FOR CHANGE”
- **8 sub-themes:**
 - Managing Population Growth
 - Housing and Community
 - Infrastructure Provision and Asset Management
 - Water
 - Climate Change
 - Energy Efficiency
 - Food Security
 - Sustainable Tourism
- **November 1st to 4th 2010**
- **Adelaide Convention Centre**

More Info:

www.earoph.info



*If one person can make a change ,
why can't YOU ???*

**Be the agent of Change and Nothing will be
Impossible**