

Announcing a national conference on

Masterplanned urban developments: securing approval *and* ensuring sustainability

Sydney NSW - Thursday 9 and Friday 10 June 2005

Stamford Plaza Double Bay, Sydney, NSW

A two-day national conference looking at the most recent developments in planning large-scale residential developments. Focus on assuring the approval of masterplanned developments and on improving their ecological, economic and social sustainability.



Topics include:

- Strategic planning processes
- Regulatory issues and pitfalls
- Development Plan Overlays and Local Environmental Planning schemes
- Sustainable land use
- Assessing flood risk
- Flora and fauna surveys
- Cultural heritage
- Site-sensitive design
- Geospatial visualisation tools
- Integrated water-cycle management and water-sensitive design
- Dealing with net-gain policies and offset schemes
- Building community engagement
- The future of sustainable residential developments

Extensive use of case studies from Queensland, NSW and Victoria

Diverse range of speakers, including:

- Elected councillors from local government
- Environmental planners and other key personnel from shire councils
- State government regulatory bodies
- Private consultants
- Residential developers

Organised by:



www.halledit.com.au

About the conference

Residential developments are increasingly taking the form of large-scale masterplanned communities. This type of development offers an opportunity to pursue ecological, economic and social sustainability in the urban environment. On the other hand there are considerable ecological, economic and social constraints to consider before a masterplanned development can go ahead.

Masterplanned projects are a balancing act to ensure that the development is economically viable yet ensures ecological sustainability, builds a community with a sense of place, and provides opportunities for economic expansion into the future.

This conference examines the experience of a diverse range of organisations in the timing, process and complexities of ensuring the approval and sustainability of masterplanned residential developments. The presentations focus on the process of masterplanning, the factors that need to be considered, how they are addressed to realise sustainable development, and what trade-offs are required.

The key themes include an overview of the strategic and policy environment within which masterplanned developments take place, the description and use of a site's natural assets, planning to ensure sustainable water use, and strategies and tools useful in visualising the development. Individual topics are covered by a range of speakers, allowing comparisons across sectors, viewpoints and perspectives. Current case studies are used to illustrate the opportunities and the problems, and the way hurdles have been overcome. The conference highlights good and poor examples of masterplanned residential developments.

To register: phone (03) 9530 8900 fax (03) 9530 8911 or email registration@halledit.com.au

Masterplanned urban developments: securing approval *and* ensuring sustainability

DAY 1: Thursday 9 June 2005

Contrasting perspectives on masterplanned developments

8.30 Registration

9.00 Welcome

9.10 A Queensland perspective

Master planning for sustainability: Brisbane's experience and the Rochedale case study

- ▶ Context behind Brisbane City Council's decision to develop a master plan for Rochedale
- ▶ Opportunities and constraints at the site and Council's goals for the project
- ▶ Process followed to engage property owners, the community and other stakeholders
- ▶ Results of the masterplanning process, including what Council has learnt from the project

Victoria Newton, Deputy Chair of Environment and Sustainability Committee, Brisbane City Council

9.45 A New South Wales' perspective

The Metropolitan Development Program and Local Environmental Planning in New South Wales

- ▶ Overview of the planning system for the rezoning and release of urban lands in NSW, with particular emphasis on north-west and south-west sectors of Sydney
- ▶ Issues relating to timing, process and complexities in planning
- ▶ Current examples of larger land releases and opportunities to resolve hurdles
- ▶ Discussion of Master and Transport Plans and rezoning programs

Dr Ian Garrard, GHD Sydney

10.20 A Victorian perspective

Strategic planning - the Victorian way. How the Victorian planning provisions relate to master planned communities

- ▶ Description of the Victoria Planning Provisions and strategic planning processes that contribute to policy development
- ▶ Strategic policies such as Melbourne 2030 and the Victoria Coastal Strategy
- ▶ Analysis of Urban Design Frameworks and Development Plan Overlays
- ▶ Examples that highlight good and poor masterplanning.

Chris Harty, Chris Harty Planning and Environmental Management

10.50 Morning tea

11.25 A local government perspective

The good, the bad and the ugly: a local government perspective of developers

- ▶ Relationship between the local council and developers
- ▶ What powers and influence does a Council have when a new development is proposed?
- ▶ How can a best outcome be achieved?
- ▶ What happens when a developer is out of step with a Council view?

Councillor Gary Jungwirth, Deputy Mayor, Hume City Council Melbourne

12.00 Case study I: Shell Cove, NSW

Local government as a developer: Shell Cove project, New South Wales' south coast

- ▶ How local government can collaborate with a leading development company
- ▶ How can sustainable land use planning be achieved?
- ▶ Importance of economic goals and their relationship with ecological considerations

Phil Woodcock, Shellharbour City Council NSW

12.30 Lunch

Describing and using the site's natural assets

1.35 Fauna and flora surveys

Flora, fauna and development in Victoria: impacts of new legislation and policy

- ▶ Complexity of flora and fauna surveys
- ▶ Implications of Native Vegetation Framework and Net Gain Policy (includes **case studies**)
- ▶ Impacts on development proposals throughout Victoria.

John Miller, Biosis Research Pty Ltd Ballarat

2.10 Cultural assets and legislation

Cultural heritage in Victoria

- ▶ Definition of cultural heritage
- ▶ When are assessments required?
- ▶ Legislative frameworks, including EPBC
- ▶ Dealing with conditions and permits

Gary Vines, Biosis Research Pty Ltd Melbourne

2.45 Hydrology and flood risk

Flood risk issues for masterplanned urban developments

- ▶ Principles of floodplain management
- ▶ Understanding existing flood risk
- ▶ Potential impacts of major developments on flood risk

David Sheehan, Principal Water Resources Engineer, Sinclair Knight Merz Melbourne

3.15 Afternoon tea

3.50 Linking sustainable design to site assets

Designing to the assets on the site

- ▶ The big picture: catchment-based context of site analysis
- ▶ Resolving conflicts between flora and fauna surveys and environmental benefits
- ▶ Precedence issues across of different legislation
- ▶ Implications of new bushfire regulations

Sue Hobley, Biodesign Sydney

4.25 Assessing natural assets with spatial information systems

Visualising developments using GIS

- ▶ What is GIS, including differences between vector versus raster models
- ▶ Evolution of different types of GIS applications
- ▶ Cartographic models for GIS, visual variables, themes and layers
- ▶ Examples where GIS has been used

Bill Eberbach, Maunsell Consulting Melbourne

5.00 Conclusion of Day 1

7.00 Conference dinner

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DAY 2: Friday 10 June 2005

Sustainable water use in masterplanned developments

9.00 Welcome to Day 2

9.10 Water efficiency and water sensitive urban design

Integrated water cycle management considerations in a greenfield site: the way forward

- ▶ Background to Water Sensitive Urban Design and Integrated Water Cycle Management
- ▶ Building blocks of IWCM
- ▶ Developing an IWCP, focussing on goal and objective setting, modelling and analysis tools

Tony Macalister, WBM Oceanics Australia Brisbane

9.45 Lakes, wetlands and water features

Constructed wetlands: problems ahead

- ▶ How can wetlands be used to improve water quality, provide water for reuse and establish habitat?
- ▶ Problems with "end-of-pipe" solutions to catchment-based problems
- ▶ Drawbacks of using wetlands in masterplanned developments

Geoff Sainty, Sainty and Associates Sydney

10.20 Case study II: Waterways, Victoria

Integrating the environment into urban developments, or environmental challenges within suburban subdivisions

- ▶ History of the Waterways development in south-eastern Melbourne
- ▶ Necessary trade-offs and questions with the private funding of public assets
- ▶ Discussion of local and regional benefits arising from the development
- ▶ Lessons learnt from Waterways for other masterplanned developments

Stephen Hains, Portland House Group Melbourne

10.50 Morning tea

11.25 Critical issues in water cycle management

Urban water cycle management - a consultant's perspective

- ▶ Overview of water quality, stormwater runoff and water supply issues
- ▶ Opportunities to implement water cycle management in masterplanned developments
- ▶ Issues with developing detailed guidelines for Water Sensitive Urban Design, especially those involving new approaches
- ▶ Real-life experiences in implementing WSUD in major developments in Queensland and New South Wales

Dr Trevor Johnson, Director, Cardno MBK Brisbane

12.00 Case study III: WSUD in south-eastern Queensland

Water sensitive urban design in masterplanned communities in south-eastern Queensland

- ▶ Integrating stormwater treatment into the landscape
- ▶ Negotiating with local authorities
- ▶ Market perceptions and building community involvement
- ▶ Recent developments in WSUD and relevant case studies

Marc Wilkinson, Delfin Lend Lease Brisbane

12.30 Lunch

Strategies and tools for the future

1.35 Strategic integration of water management across masterplanned developments

Nitrogen offsets and trading within the Port Phillip Bay Catchment

- ▶ Responsibilities for Melbourne Water for stormwater management
- ▶ Standards for large greenfield developments
- ▶ Development of an offsets scheme in pollution credits
- ▶ Integrated approaches to stormwater infrastructure

Matt Francey, Senior Catchment Planner, Melbourne Water

2.10 Developments in 3-D computer simulations

Real-time 3D fly-through software

- ▶ Outline of 3D visualisation tools
- ▶ Use of terrain models and aerial photography
- ▶ Benefits of spatially realistic real-time visualisation
- ▶ Examples of applications to urban developments

Josh Cowley, Production Manager, Qasco Sydney

2.45 Case study IV: Eurobodalla Shire, NSW

Structural planning for sustainable settlements - community, ecology and economic opportunity

- ▶ Discussion of the processes involved in ensuring ecological and economic sustainability
- ▶ Factors that need to be considered to realise sustainable development
- ▶ Methods used to identify environmental constraints and ensure appropriate design
- ▶ Specific examples drawn from Eurobodalla Shire Council

Allen Grimwood, Strategic Unit Leader, Eurobodalla Shire Council NSW

3.15 Afternoon tea

3.50 Managing multiple large-scale developments

Sustainability: a developer's perspective

- ▶ Public perceptions of sustainability of residential developments
- ▶ Charter of VicUrban and how it differs from other organisations that undertake masterplanned developments
- ▶ How do we embrace sustainability at the same time as balancing the delivery of State Government policy and working within a commercial environment?

Derek Klau, Project Director, VicUrban Melbourne

4.25 The way ahead for masterplanned developments: planning for future needs

The future of masterplan communities

- ▶ What is a sustainable society?
- ▶ Maintaining balances between economic gains and ecological impacts
- ▶ Assuring improved quality of life through education, employment, security, justice, community participation and recreation
- ▶ Case studies and identifying the way forward

Mark Roberts, Coomes Consulting Melbourne

5.00 Close of conference

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Stamford Plaza Double Bay, 33 Cross Street, Double Bay, NSW 2028

CONTACT HALLMARK CONFERENCES NOW TO REGISTER BY PHONE, FAX, MAIL OR EMAIL

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DISCOUNTS AVAILABLE

Group Discount: If you send two or more delegates to this conference, and register all delegates at the same time, the second and subsequent attendees receive a substantial **\$420** discount (\$880 + GST).

ACCOMMODATION

Accommodation is available at the **Stamford Plaza Double Bay** at the conference rate of \$220 per room (per night) inclusive of GST.

To be eligible for the discounted rates, please state that you are booking for Hallmark Conference's Masterplan Conference. Prices are subject to availability.

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CONFERENCE FEES (Please indicate number of attendees)

[] x Standard Price (\$1300 + \$130 GST = \$1430) = [\$ total]

[1] x \$1430 = [\$1430]

GROUP DISCOUNT (valid till event date)

Second and additional delegates receive a \$420 discount each.

[] x Discounted Price (\$880 + \$88 GST = \$968) = [\$ total]

[] x \$968 = [\$]

Example: For 3 attendees (1 x \$1430) and (2 x \$968) = [\$3366]

3-COURSE DINNER (optional) on 9 June (drinks included) -

7.00pm for 7.30pm

[] x (\$85 + \$8.50 GST = \$93.50) = [\$]

CONFERENCE CD-ROM SET and PRINT DOCUMENTATION

(For non-attendees)

[] x \$385 (includes postage and packaging) = [\$]

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TOTAL PAYMENT

[\$]

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