

Water smart cities and settlements

Role of land use planning in supporting integrated water management

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Water smart urban developments

State Environment Protection Policy (Waters of Victoria) 1988/1997/2001/2003



Port Phillip Bay Environmental Study (1992-1996)



Best practice environmental management guidelines for urban stormwater (1999)



Reference to **SEPP and **BPEM** in Victoria Planning Provisions (1990s)**
Metropolitan planning strategy highlights need for integration of water and urban planning (2002)



VPP: Integrated Water Management Provisions (C56.07) 2006

Water smart urban developments

Key foundations we need to progress

- Research (CSIRO, etc)
- Policy framework > Authorising environment (Govt water and planning policy, SEPP)
- Regulatory tools, etc (VPP, C56)
- Implementation 'tool kit' (Practice Note, BPEM)

Why, what, who

Define problem and/or vision

- Data/Science

ID effective responses needed

- Data/Science
- Cost/effectiveness

Match outcomes with delivery options:

- Non regulatory? (incentives, advice, training)
- Water sector policy / regulation (Water Act, etc)
- Planning provisions if required (fit for purpose)

Effective planning responses

- ✓ Reflecting wider policy
- ✓ Complementing other responses
- ✓ Underpinning evidence on problem, need, relevance and effectiveness of measure (*PN 46*).
- ✓ Stakeholder understanding/buy-in
- ✓ Implementable – how can a planner decide?
 - authoritative standards
 - decision criteria
 - referral
 - deemed to comply options

Typical structured steps

Step 1: Requesting an amendment (& request)

Step 2: Authorisation (for Councils)

Step 3: Preparation

Step 4: Exhibition (30 days+)

Step 5: Submissions, panels & Advisory Committees

Step 6: Adoption (of advice)

Step 7: Approval (by Minister) and action via Gazettal

Step 8: Support systems for implementing and applying the measures

If a planning response then: PN 46 *Strategic Assessment Guidelines for preparing and evaluating planning scheme amendments* (2011)

Building a case, constituency and capability (PN46)

- What is the desired outcome? Bays or stream health?
- What policy does the amendment support? SEPP? LMLV?
- How does it intend to do it? Flow management? Loads?
- Is it supported by a strategic study or report?
Authoritative public scientific study?
- Will the planning provision or control result in the desired planning outcome? Evidence of effectiveness and implementation capacity
- Will the amendment have a net community benefit?
Value proposition. Direct and secondary outcomes
- Will the community benefit outweigh the cost of the new control? Data/evidence, case studies, CBA

Building a case, constituency and capability (PN46)

- Have the views of relevant agencies & stakeholders been addressed? Local councils? Industry? Peak bodies?
- What are the cost implications? Council (staffing workloads, processing times). Applicants (cost imposts, assessment requirements, availability of materials?)
- Agreement with referral authority to:
 - provide permit application responses
 - identify standard conditions
 - prepare deemed to comply specifications/designs
 - deliver training.