BRIEFING ON REPORT FINDINGS

hansen











northern alliance for greenhouse action





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Background & Process

- The work undertaken by Hansen was intended to establish the 'background' and rationale behind advocacy to be undertaken by the group in a later stage of work.
- Covers all aspects and scales from lot scale mitigation to regional adaptation.
- Project was focused on:
 - The planning system Covers all aspects and scales from lot scale mitigation to regional adaptation.
 - The legislation, policy and mechanisms which underpin decision-making in this space.
- Undertaken in three key stages and on answering key questions
 - What decisions are made through the relevant systems that relate to climate change? (it's a lot!)
 - What are some of the issues that can compromise optimal outcomes?
 - Who makes decisions about those?
 - What underpins their decisions?
 - What options are there for improvement?

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ENERGY EFFICIENCY (PASSIVE)	SCALE	ADDRESSED BY	BARRIERS
Thermal performance			General:
Insulation	LOT	BUILDING STANDARDS (Building Act)	 Perceptions that building regulations will deliver appropriately high levels of energy efficiency. Monitoring of insulation outcomes 'on the ground' has been questioned (note recent study?) Lack of clarity about what is appropriate to specify at what stage of the development process.
Glazing standards	LOT	BUILDING STANDARDS (Building Act)	i.e. what requirements should be specified at planning stage and how to avoid duplication of requirements under Building Act
Thermal bridges / lagging etc	LOT	BUILDING STANDARDS (Building Act) / FLUMBING STANDARDS (Plumbing Act)	 Existing ESD policies do not prescribe specific performance standards. New changes through the PPF may impact ability to obtain information required to assess against objectives (i.e no
Airtightness	LOT	NOT PLANNING STANDARDS -	 Statutory Application Requirements). Objectives in current policy relation to energy efficiency are being interpreted in a range of wa across different Councils leading to inconsistent requirements for applicants
Ventilation	LOT	Planning Scheme (Planning & Environment Act) BUILDING STANDARDS (Building Act)	Bronds wherein councils beauting to information requirements with importants Planning does not generally play a not in enforcement of building standards so objectives to s whole of lifecycle efficiency through construction stage can be compromised Higher standards of energy efficiency itembles through the planning scheme only apply when
Orientation			permit is triggered
		PLANNING STANDARDS -	 Current policy only requires the demonstration of 'potential' for energy efficiency Specific:
Lots	SUEDIVISION	Planning Scheme (Planning & Environment Act) / PSPs - PSP Guidelines (Victorian Planning Authority Act)	 Insulation standards lower than may be required to deliver appropriate levels of energy efficie to assist in forthcoming energy transition Performance of existing queelings is very poor and there is a significant need for retrofitting. Ju
Dwellings	SUBDIVISION / LOT	PLANNING STANDARDS - Planning Scheme (Planning & Environment Act)	 Perioriant-e or existing unemprise very poor and trateries as alignment need of recomming, is the "need build not whole house energy efficiency consisteral in case of renovations". Lagging and spipe penetrations often not implemented according to Code (R0.6) Insulation often not implemented according to Code (es some internal wolls)
Rooms	LOT	PLANNING STANDARDS BUILDING STANDARDS - Part 5 siling (res)	 Thermal bridges presumed addressed but not explicitly required to be by standards No consistent process or measurement requirements to establish airtightness
Daylight access	LOT	FLANNING STANDARDS BUILDING STANDARDS	 Potential associated issues as a result of 'airtight' buildings re ventilation / air quality Ventilation requirements only applied through planning to residential buildings, and are
Shading			discretionary. Only specific standard are for apartments with only 40% required to have cross
Eaves	LOT	NOT (reg to be shown)	 Relationship to site coverage and lot size / density not being recognised in delivery of new
Trees / external structures	LOT	NOT (req to be shown)	subdivision meaning lots are too small / ohentated poorly so difficul to put a 'standard' home the lot in an efficient manner Standard' isubdet' models of housing are not always adaptable to different lot configurations a
			not all lots can be optimised for solar access Balancing of planning outcomes can compromise orientation (ie amenity considerations relations)
		1.400	to noise or overlooking / access to open space may override orientation of living areas to the north)
Min	lister	LAND USE OR DEVELOF	Environment
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Key Issues & Barriers

- Clarity in the overarching role of climate change in driving planning decisions and the 'balancing' of decisions
- Transformational vs incremental change
- Misalignment of ambition and scientific evidence
- Urban structure
- Lack of specificity in existing ESD policies and significant variation in implementation
- issues with VPPs and available tools
- Council access to resources / expertise to confirm delivery of best practice
- Significant reliance on the building stage to deliver outcomes, and continuing lack of clarity as to what is appropriate to identify at planning stage
- Gaps in policy and siloed decision-making
- Awareness and education



Key Findings

- For statutory decision-making, Planning Scheme content is critical
- For strategic decision-making, the role of 'non-statutory' State documents and internal practice is more influential
- The role of the VPA could be significantly strengthened in regard to climate change. But other actors in the precinct planning space also need to be recognised.
- Recommendations formed around:
 - A 'long list' in tabular form
 - A 'short list' of key recommendations
 - Opportunities for shorter term actions leveraging existing programs
 - Complementary actions



Key Recommendations

- Recognise the fundamental role the Planning Scheme plays in guiding decision-makers, and its weight as statutory law. Focus attention on ensuring the planning scheme is reformed in a number of key areas:
 - Making the importance of considering climate change in decisionmaking explicit, rather than relying on generic references to sustainability.
 - Filling gaps where there is a policy void in key areas.
 - Introducing mandatory development standards in targeted areas
- Ensure that the scheme and its application of controls is consistent with the scientific evidence base and best practice
- Focus on changes that will assist in getting the fundamentals of future development areas right.



Focus areas for change

- Amend the Planning & Environment Act, Climate Change Act and Victorian Planning Authority Act
- Amend Ministerial Directions and Planning Practice Notes
- Ensure greater recognition and prioritisation of climate change responses in updated PSP Guidelines
- Require climate change planning to be integrated into all precinct planning
- Update State planning policy to fill key gaps, reflect latest science and include appropriate benchmarks
- Prioritise spatial mapping of hazards and the integration of this with the application of overlays to trigger consideration of hazards



Focus areas for change (cont.)

- Set up the frameworks and processes required to support transition
- Embed net zero ambitions in policy
- Update data sources and establish processes for future updates
- Establish some mandatory minimum standards within the VPPs
- Update the Regional Growth Plans to meaningfully consider climate change impacts on regional settlement and economic development
- Introduce a Green Infrastructure Clause to the VPPs

COMPLEMENTARY ACTIONS

- Information & Education
- Resourcing & funding
- Approaches to post-approval monitoring
- Managing planning reforms
- Alignment with other sectors of the built environment
- Governance & external tools