

Example ESD Implementation Schedule

Example Template | December 2021



Table 1 Example Implementation Schedule

ESD Category	Initiative or Commitment	Delivery Stage(s)	Responsible Party	Comments
General	ESD Drawings WSUD Plan	Design & Permit Application	Building Designer/Architect	Building Designer/Architect to work alongside ESD Consultant to create at least two separate plans – an ESD and WSUD Plan with all ESD features in SDA/SMP visually shown.
General	ESD Compliance Report	Post-construction	Project Manager/Builder ESD Consultant	A report is to be produced with evidence collated and provided to Council to ensure the initiatives of the SDA/SMP Report have been adhered to.
Building Management	Building User Guide	Post-construction	Builder/Project Manager ESD Consultant	Provide Council with copy once complete. Multiple owner copies to be provided to all owners.
Building Management	Supplying Council with Prelim. NatHERS Report	Prior to lodgement of the planning application	ESD Consultant	Must demonstrate how the building can make use of energy efficiency features such as cross-flow ventilations and operable shading devices, including curtains.
Water	High efficiency WELS Ratings for water fixtures	Construction	Plumber Builder/Project Manager	Keep copies of the WELS Ratings and Receipts from the fixture supplier for presentation to Council See Water Section (Page X) for WELS Ratings
Water	Rainwater connected to non-potable water sources	Construction	Builder/Project Manager Plumber	Toilets/Laundry/Irrigation
Water	Water Efficient Landscaping	Design & Landscaping	Landscape Architect Landscape	Landscape Architect to ensure selection of water-efficient landscaping. Landscape to plant only water-efficient and drought tolerant species.

*ERS – Energy Rating Scheme

*NatHERS – National Housing Energy Rating Scheme

*VOC - Volatile Organic Compounds

*WELS – Water Efficiency Labelling Scheme

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Energy	NatHERS used	Design Construction	Energy Rater/ESD Consultant Builder/Project Manager	Prelim. Energy report to be provided alongside permit application. Finalised energy report at Building Permit stage to meet the committed to star rating for each building.
Energy	(Insert No) kW Solar Panels to be installed	Design Construction	Building Designer/Architect Solar Electricians	Provide the solar report to Council, confirming the amount of kW installed
Energy	Clothes line/efficient dryer energy rating (insert star rating)	Design Construction	Building Designer/Architect Builder/Project Manager	Copies of Energy Efficient Dryer energy rating certificate to be kept and provided to council.
Energy	Energy Efficient Cooling & Heating System (insert each x2 star rating)	Design Building material acquisition Construction	Energy Consultant Building Designer/Architect Builder/Project Manager	Cooling & Heating system to be installed with the energy rating (MJ/m ²) no less than that stipulated in the claimed star rating.
Energy	Internal Maximum Illumination of 4W/m ² (energy efficient lighting)	Design (electrical plan) Building material acquisition Construction	Electrician Building Designer/Architect Builder/Project Manager	To be demonstrated on ESD Drawing Evidence to be provided to council
Energy	External motion sensors for accessway lights	Building material acquisition Construction	Electrician Builder/Project Manager	To also be shown on ESD Drawing Evidence to be provided to council
Indoor Environment Quality	Cross-flow ventilation	Design	Building Designer/Architect	Adequate cross-flow ventilation is to be demonstrated on the ESD Drawing to the satisfaction of the Responsible Authority.

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Indoor Environment Quality	Double/Triple Glazed Windows (Insert R-Value/SHGC)	Design Energy Rating Construction	Energy Rater Building Designer/Architect Builder/Project Manager	To match the approved energy rating reports. Evidence of installation and proof of R/U-Values to be provided to Council in ESD compliance report.
Indoor Environment Quality	Insulation (Insert U/R-Values)	Energy Rating Building Documentation	Energy Rater Builder/Project Manager	To match the approved energy rating reports. Evidence of installation and proof of R/U-Values to be provided to Council in ESD compliance report.
Indoor Environment Quality	External Shading Devices	Design Construction	Building Designer/Architect ESD Consultant Builder/Project Manager	To be shown on ESD Drawings with sectional details and ratios that address YourHome's acceptable ratio for properties south of the Capricorn.
Indoor Environment Quality	Orientation	Design	Building Designer/Architect ESD Consultant	To be demonstrated on all plans. Living rooms to be oriented to gain passive solar heating from northern aspect. To be combined with external shading devices to achieve high quality passive design.
Transport	Bicycle Spaces	Design Construction	Building Designer/Architect ESD Consultant	Bicycle infrastructure must be installed in a lockable and undercover area. If claimed in the garage, infrastructure such as a wall-mounted bicycle rack is to be installed not to hinder the packing space. Actual lockable infrastructure such as a bicycle hoop must be provided.
Transport	EV Charing Facility	Construction	Electrician Builder/Project Manager	If claimed, evidence of install/certificated to be provided in ESD compliance report.

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Waste	Food and Garden Waste (compost bin, internal bin compartment)	Design (cabinetry) Construction	Waste/ESD Consultant Building Designer/Architect Builder/Project Manager	Must provide adequate infrastructure for the temporary storage and composting of organic material, including in kitchen cabinetry.
Waste	Construction Waste Diversion *insert initiative*	Project Planning Construction	Builder/Project Manager Building Designer/Architect Waste consultant	Innovative measures to reuse or reduce building material waste on site to be provided to appropriate detail to Council and evidenced in the ESD Compliance Report.
Urban Ecology	Green Walls/Roofs	Landscape Design Construction	Landscape Architect Building Designer/Architect Structural Engineer Builder/Project Manager Landscape Architect	Details of the proposed green walls/facades/roofs including sectional details to be provided in ESD Drawing. Product info, maintenance, irrigation detail & selected plant species to be provided.
Urban Ecology	Tap & Floor Waste to Balcony/POS	Design Construction	Building Designer/Architect Builder/Project Manager	Evidence to be provided (photographic) in the ESD Compliance Report
Urban Ecology	Vegetated Site Coverage (insert %)	Design Landscaping	Landscape Architect Building Designer/Architect	Percentage of site (%) to match the landscape plan, all covered areas to be excluded.
Urban Ecology	Food Production Area	Design Landscaping	Builder/Project Manager Landscape Architect Landscape Architect	Must be provided with adequate topsoil at the cost of the developer. To be available for use by the occupant as soon as they move in.

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Innovation	Low Embodied Energy Material (low environmental/travel/manufacturing) i.e Rammed Earth	Design Project Planning Building material acquisition Construction	ESD Consultant Engineering Building Designer/Architect Project Manager/Builder	Relevant information about the innovation to be provided here and how it will be evidenced, i.e in the ESD Compliance Report.
Innovation	Low VOC* paint/internal lining materials	Design Project Planning Building material acquisition Construction	Building Scientist Building Designer/Architect	Relevant information about the innovation to be provided here and how it will be evidenced, i.e in the ESD Compliance Report.

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