# Lochiel Park

## Urban Development Institute of Australia (UDIA) Certified Enviro-Development

enviro DEVELOPMENT TM

ECOSYSTEMS WASTE ENERGY MATERIALS WATER COMMUNITY

**Lochiel Park is the first development in SA to be accredited and certified in all six elements of the SA UDIA Enviro-Development program, a rigorous environmental assessment process undertaken by developers to demonstrate a project's sustainable credentials.**

**The applications are assessed by the UDIA's Enviro-Development Board of Management and only awarded to developments with the highest standards.**

**Enviro-Development Accreditation was achieved at Lochiel Park because of these initiatives.**

### Ecosystems
- Protection of significant trees
- Rehabilitation of forest ecosystem
- Development of water ecosystems
- Improvement of linear park and River Torrens ecosystems
- Use of Sustainable Landscape principles

### Waste
- Recycled waste from demolition
- 100% recycling of building waste
- Wetlands soils used for bricks and pavers
- KESAB Clean Sites program
- Clean up of contaminated material excavated from site
- Kitchen waste three-bin recycling system

### Energy
- PV cells on every house and public building
- Gas boosted solar hot water systems
- Energy efficient lighting
- Sustainable transport options
- Maximise solar orientation in design

### Materials
- Recycled content in roads and paths
- Use of low embodied energy materials
- Sustainable timber products
- Fly ash content in Concrete
- Low embodied energy pavers in paths

### Water
- Water sensitive urban design
- Capture and storage of 260ha of stormwater
- Reuse of stormwater via a Managed Aquifer Recovery Scheme
- Rainwater tanks plumbed into the house for hot water use
- Use of water efficient appliances

### Community
- Community Garden and fitness trail
- Playground and BBQ facilities
- Links to walking and cycling trails
- Community online portal for residential groups