

# Circular Economy Villages

Better living in an affordable, sustainable community



## What is a circular economy village?

A CEV provides residents with their basic needs (water, food, energy and shelter) while lowering living costs and promoting innovative, new businesses.



Circular Economy Villages enable residents and entrepreneurs to **reinvent how we work and live together**

### What does a CEV need?

#### Rural land

With a principally northern aspect, proximity to a township and (ideally) access to a creek or river.

#### 40 hectares *Minimum*

To be divided into: a conservation and rehabilitation area; an agricultural zone and an urban precinct.

#### 5 hectares *Maximum*

The portion of the 40 hectares required for the urban precinct.

#### 200 people

The number who could dwell, work and be sustained within each Circular Economy Village.

### Each CEV is self-sustaining

Water, energy, food and the built infrastructure are developed as a single, integrated system where:

- an **energy micro-grid** uses renewable technologies for electricity and food waste for biofuels.
- a **water micro-grid** harvests and distributes water within the catchment, irrigating crops while storing heat and potential energy.
- **food production system** helps to recycle organic waste, clean water and improve soil health.
- the flexible **housing** options maximise comfort but minimise energy use, offer space for solitude and collaboration, and have a ready market attraction.

### 1 The potential

CEVs, by design, are readily replicable—this will be the first of many.

### 2 The framework

We will work with councils to develop policies and controls, identify locations and determine infrastructure needs.

### 3 Making your investment work harder, smarter

Developing a CEV, with our expertise and council's approval, can put you at the front of an exciting new market.

## Future residents + entrepreneurs: learn how a CEV reduces living costs

and turbo-charge your start-up. Make contact today with our project managers, Steven Liaros and Nilmini De Silva. They are skilled planners and strategic engineers with over 25 years local government and consulting experience: mail @ [Polisplan.com.au](mailto:Polisplan.com.au)

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