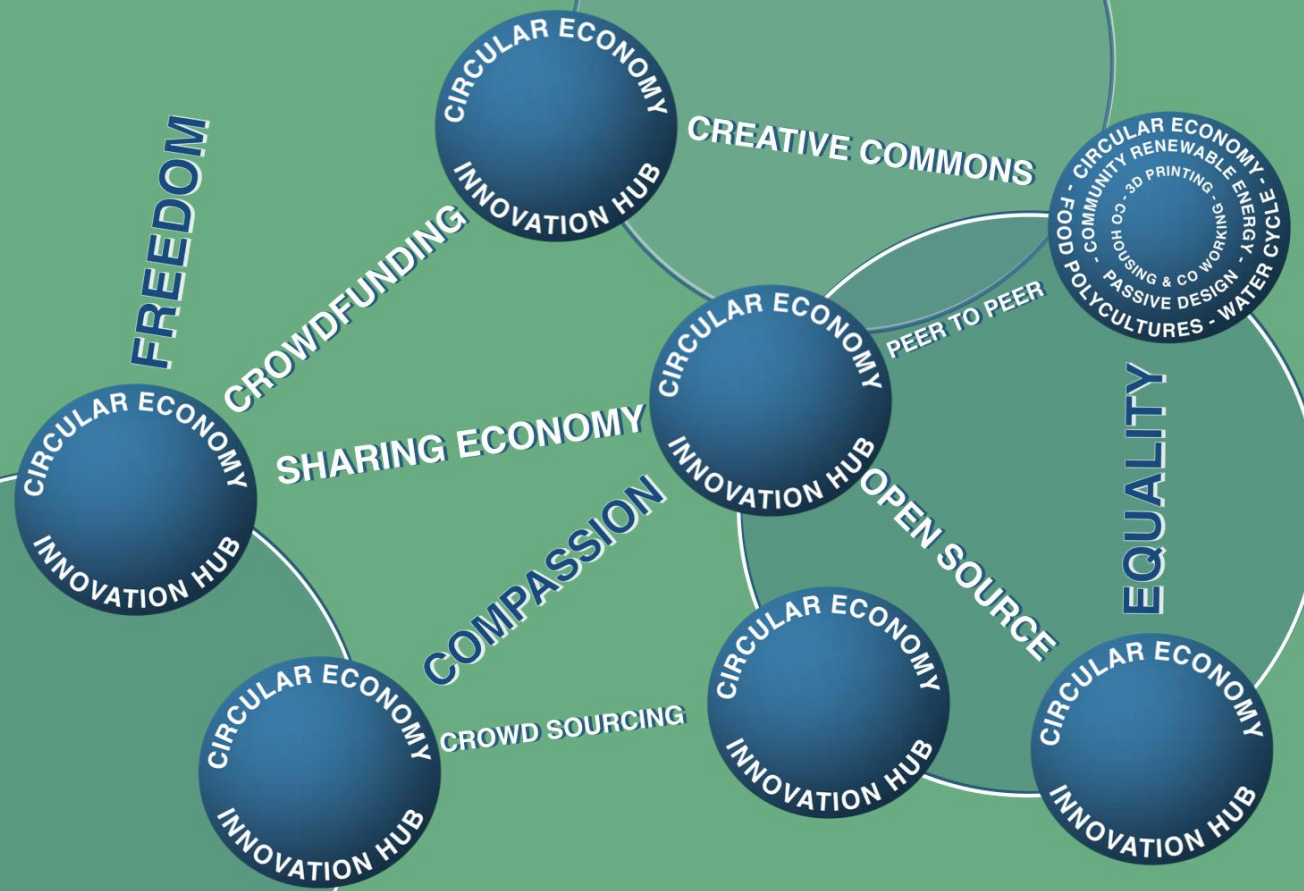


AN INTERNET OF CITIES



CIRCULAR ECONOMY INNOVATION HUBS

An opportunity to invest in the development of affordable sustainable and connected live & work environments designed for innovators

The Project Managers

Steven Liaros and Nilmini De Silva both have over 25 years of local government and consulting experience, principally in strategic planning, infrastructure planning and delivery, building regulation and flood risk management.

They have also undertaken extensive research in Europe and Australia exploring eco-villages, intentional communities, transition towns as well as new models of development, ownership, exchange and collaboration enabled by the internet.

The Innovation Hub development model brings together the best elements from projects and proposals gleaned from their extensive experience.

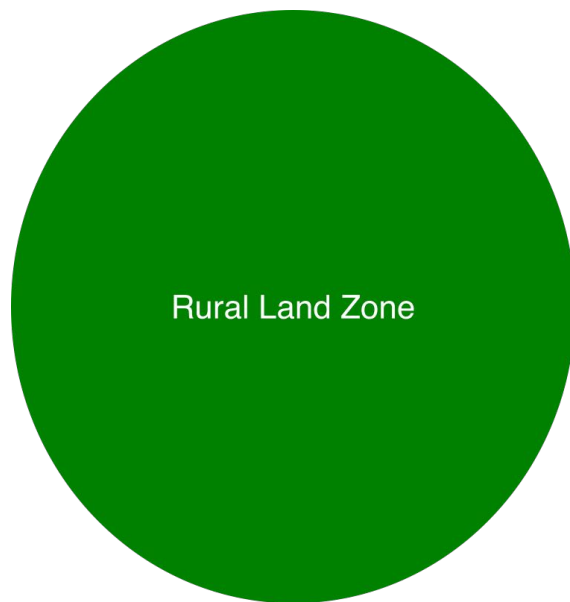


FOR MORE INFORMATION VISIT:
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beautilitydevelopments.com.au

PROJECT MANAGERS:
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SEEKING INVESTOR PARTNERS
If you are interested in investing in a pipeline of projects email us: mail@polisplan.com.au

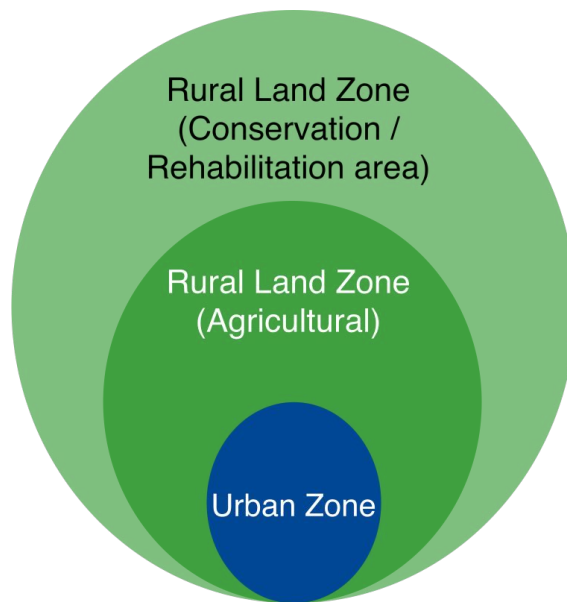




Rural Land Zone

BEFORE

Seeking rural land within reasonable proximity to a rural township, preferably with access to a creek or river and with principally northern aspect.



Rural Land Zone
(Conservation /
Rehabilitation area)

Rural Land Zone
(Agricultural)

Urban Zone

AFTER

Minimum 40 hectare site area with a maximum of about 5 hectares to be rezoned urban to provide the living and work environments for up to 200 people.

Each Hub designed with Integrated Infrastructure

The water, energy, food and built infrastructure are to be developed as one integrated system where:

- The **Energy micro-grid** uses appropriate renewable technologies as well as food waste and flowing water to generate energy.
- The **Water micro-grid** harvests, stores and distributes water within the catchment and also stores heat and potential energy to irrigate the food ecosystem.
- The **Local Food eco-system** integrates with the broader ecosystem to clean water, manage organic waste and improve soil health.
- The passively designed **Built Environment** minimises energy demand and includes spaces for solitude as well as spaces for collaboration, enabling the organic development of a local community culture.

Why the Tweed Shire for our pilot project?

“the Rural Villages Strategy advocates for the implementation of regenerative development as a concept guiding future development in the rural villages.”
~Tweed Rural Villages Strategy (2016)

Tweed Shire Council “supports in principle the Circular Economy proposal presented in this report by PolisPlan”
~Council meeting 13 December 2017, Item 16

LINEAR ECONOMY:

Converting natural resources into waste...



CIRCULAR ECONOMY:

Striving for Zero Waste
Systems Thinking
Life-Cycle Planning



Imagine...

the future of work
the future of housing,
the future of energy and
the future of food...

combined, this is the future of Cities.

The Circular Economy Innovation Hub efficiently provides residents with their basic needs—water, food, energy and shelter—thus lowering their living costs to support the incubation of new and innovative businesses.

If you are interested in investing in a pipeline of projects email us:
mail@polisplan.com.au