



Embedding Circularity

The Circular Economy Roadmap

**The transition to a
circular economy
is happening at
Penrith City
Council**



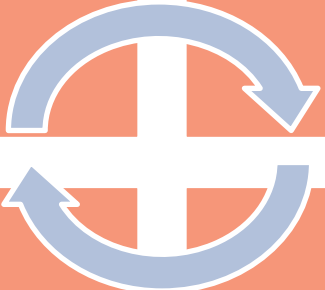
FOGO



Households put food organics in kitchen caddy



Collection of food organics and garden organics at the Kerbside for composting

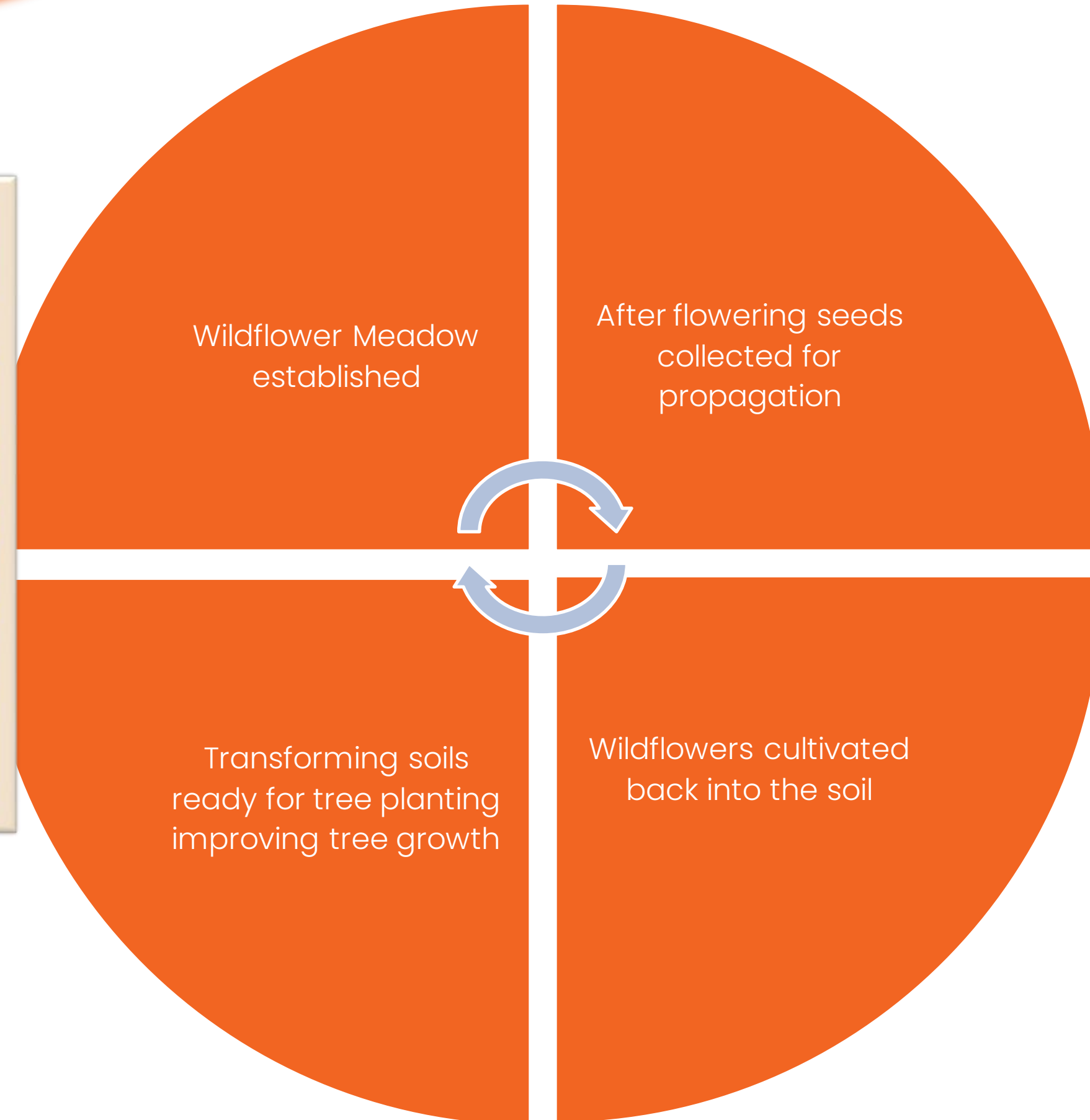


Improve surface condition, retain soil moisture, reduce water use, healthier turf and tree growth



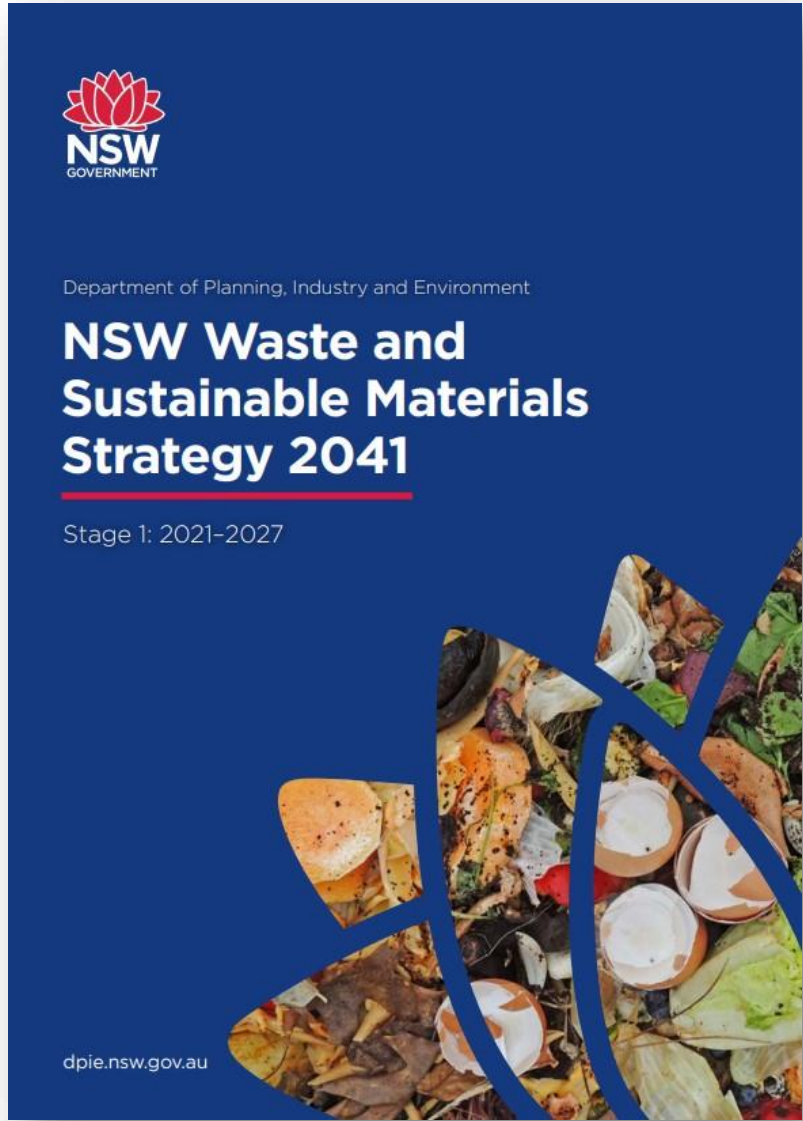
Compost used on gardens, parks and to top dress sports fields

Let It Bee

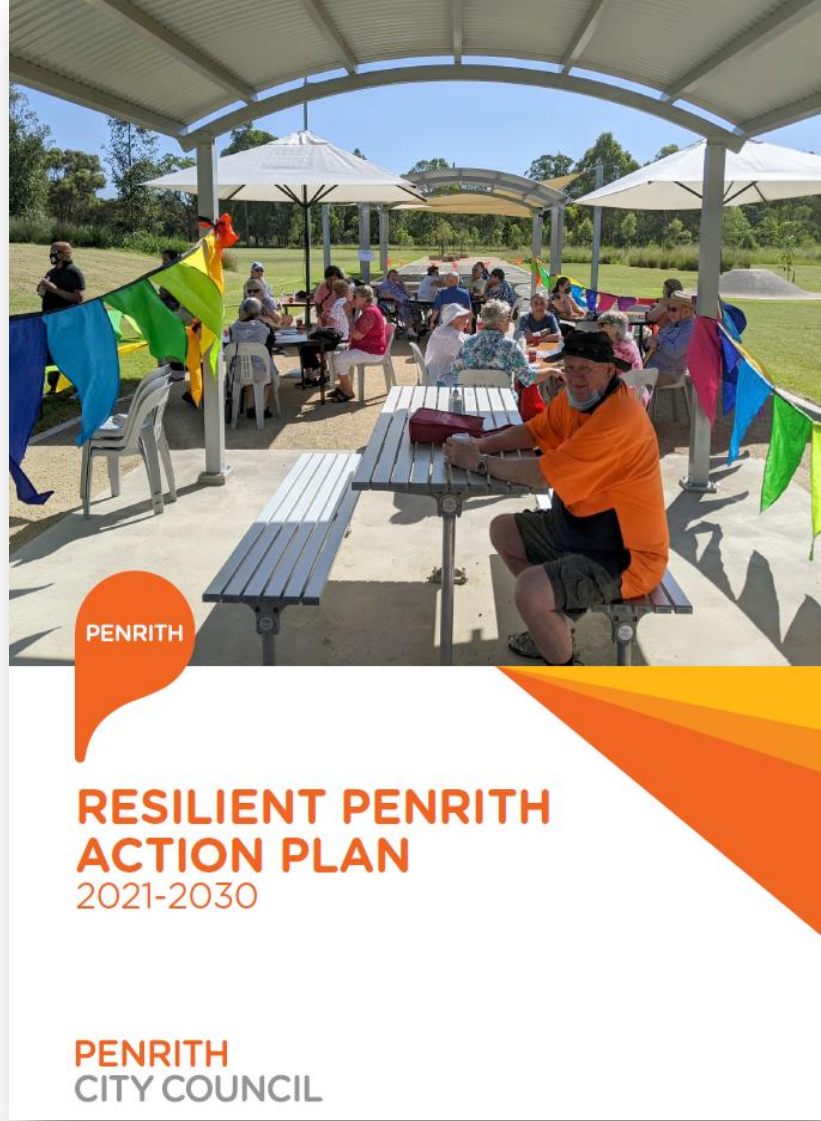


Drivers

NSW Strategy



Council Plans

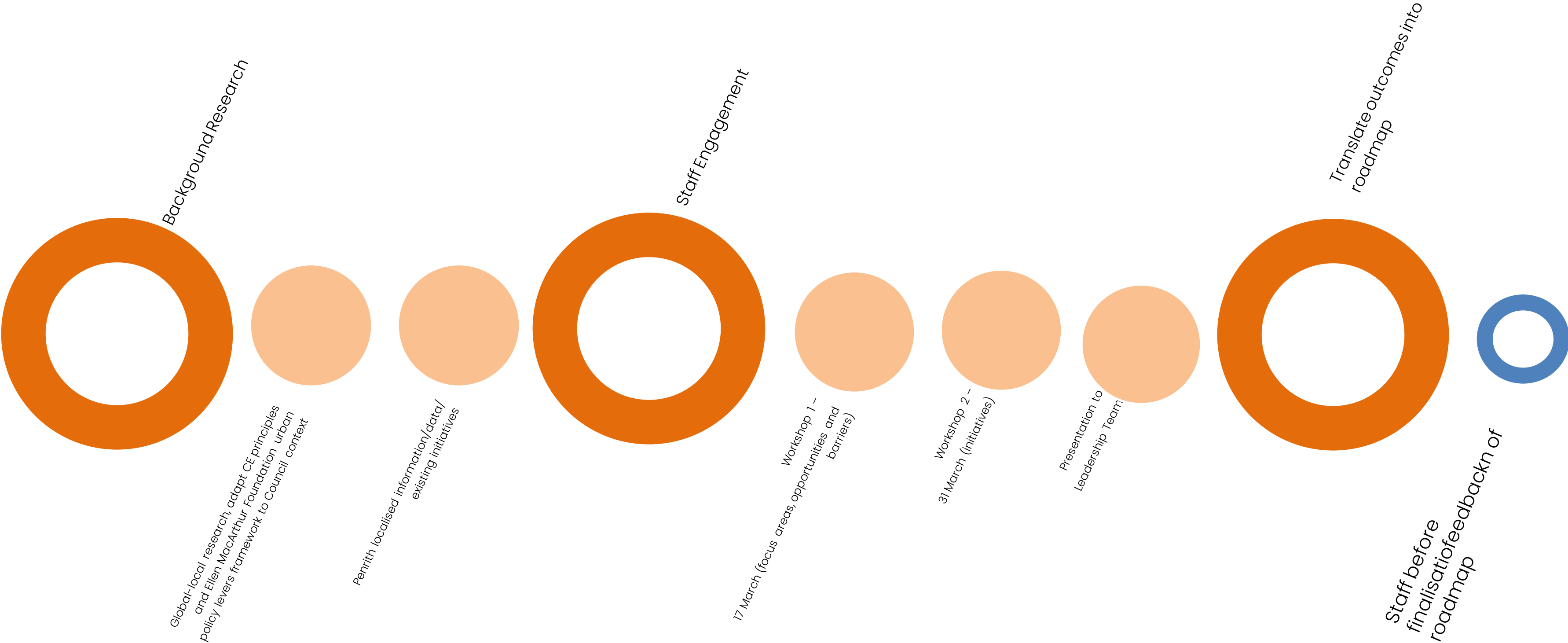


Opportunities

- Holistic approach to circular economy across Council – formalising existing programs and processes
- Enabling collaboration and partnerships to embed circular economy into all Council strategies / plans / programs
- Meeting community expectations and building community capacity to contribute to the circular economy
- Demonstrating leadership in increasing sustainable practices and enhancing environmental performance



Roadmap Development



Roadmap

4 Key Focus Areas

Innovation & Collaboration Hub	Circular Practices in Council Operations
Community Engagement & Incentives	Activating Local Economies

Key Initiatives

Data mapping & sharing platforms	Education & engagement	Council collaboration & knowledge sharing
Community Capacity Building	Industry synergies	Procurement / Supply Chain
Innovative partnerships	Infrastructure Programs	Policy, Strategy, Plans

Roadmap

- 5 year timeframe
- Prioritised to 18 initiatives under 4 focus areas
- Short, medium and longer term initiatives
- Ease of implementation – identified as easy to complex
- Identified roles/responsibilities of departments
- Underpinned by high level cost benefit analysis – indication of investment /resource requirements and guidance for future funding proposals



Credit: Getty Images/iStockphoto

#1. Build capacity and facilitate community reuse

Clothing and Textile Recycling Drop Off

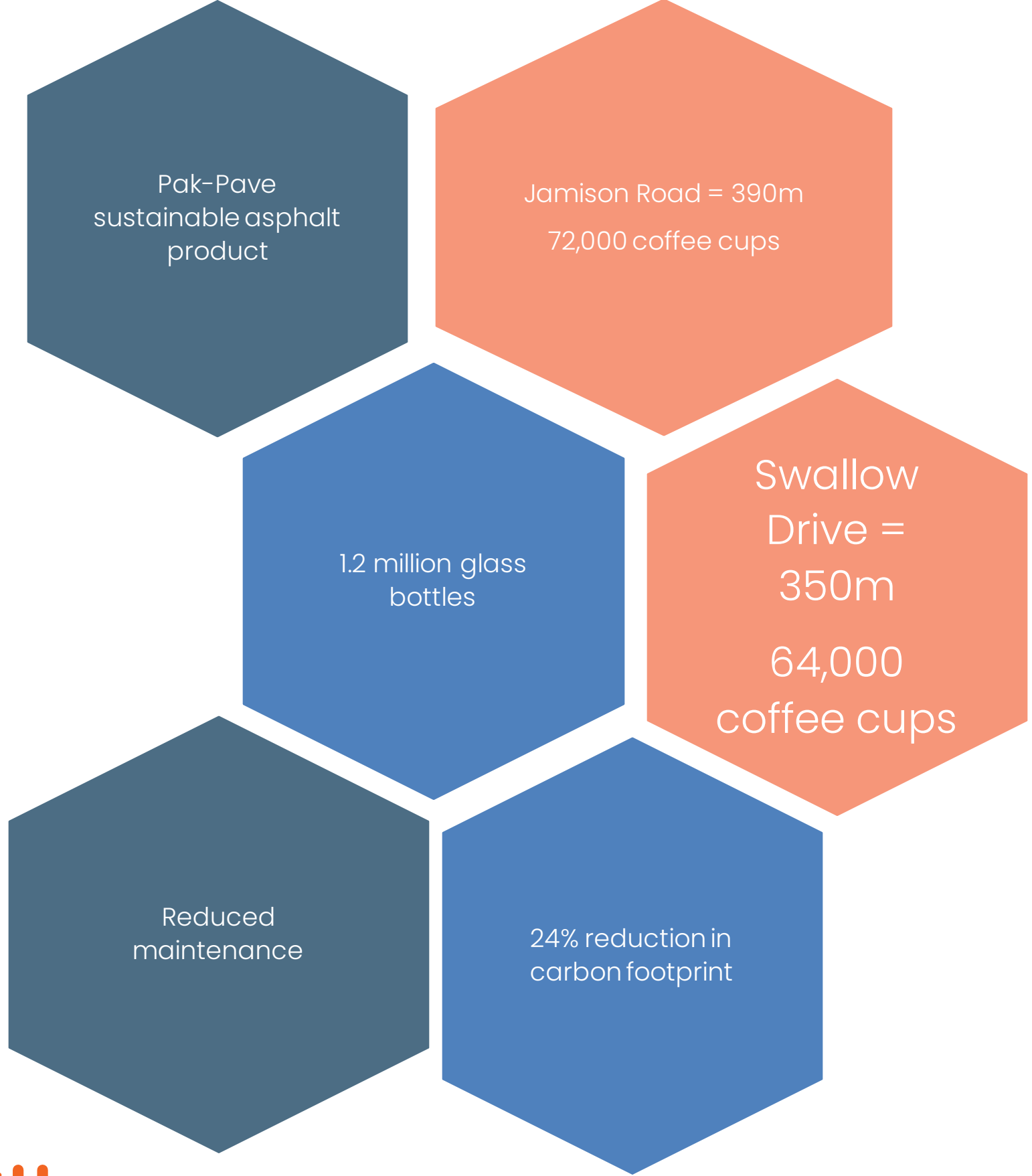
- 189 residents dropped off 4 tonnes of textiles
- Diverting resources from landfill
- Items donated to the Haven Womens Shelter and Westcare Community Services

Bike Drop off and Repair Event

- 60 residents brought their bikes along for a tune up
- 150 residents dropped off unwanted bikes
- Repaired by Revolve Recycling and donated to Charities
- Parts recycled and repurposed to make other products



#2. Circular Economy in Infrastructure



#3. Partnerships – Environmental, Social Benefits

DV Safe Phone Program

- Community donate unused mobile phones for refurbishment and distribution to registered agencies
- Gift the phones to people experiencing domestic violence giving them the ability to call for help in an emergency
- 149 phones collected
- Benefits those in need of support, whilst also supporting the circular economy by promoting re-use and recycling of old phones, diverting e-waste from landfill.



Positively

PENRITH

