



Identifying & unlocking value in the rural economy through circular thinking

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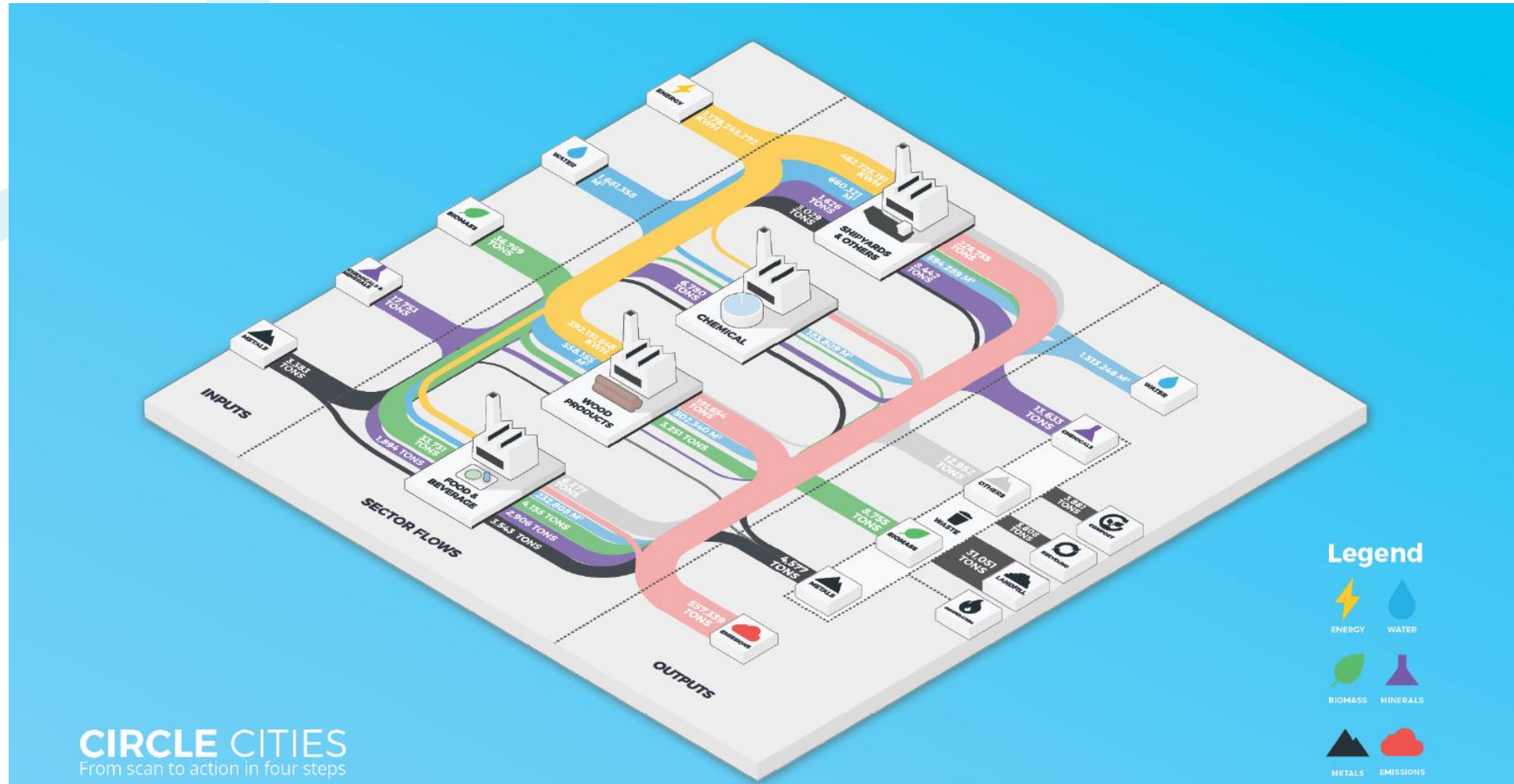
zerowastescotland.org.uk

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**What could a circular rural economy
look like?**

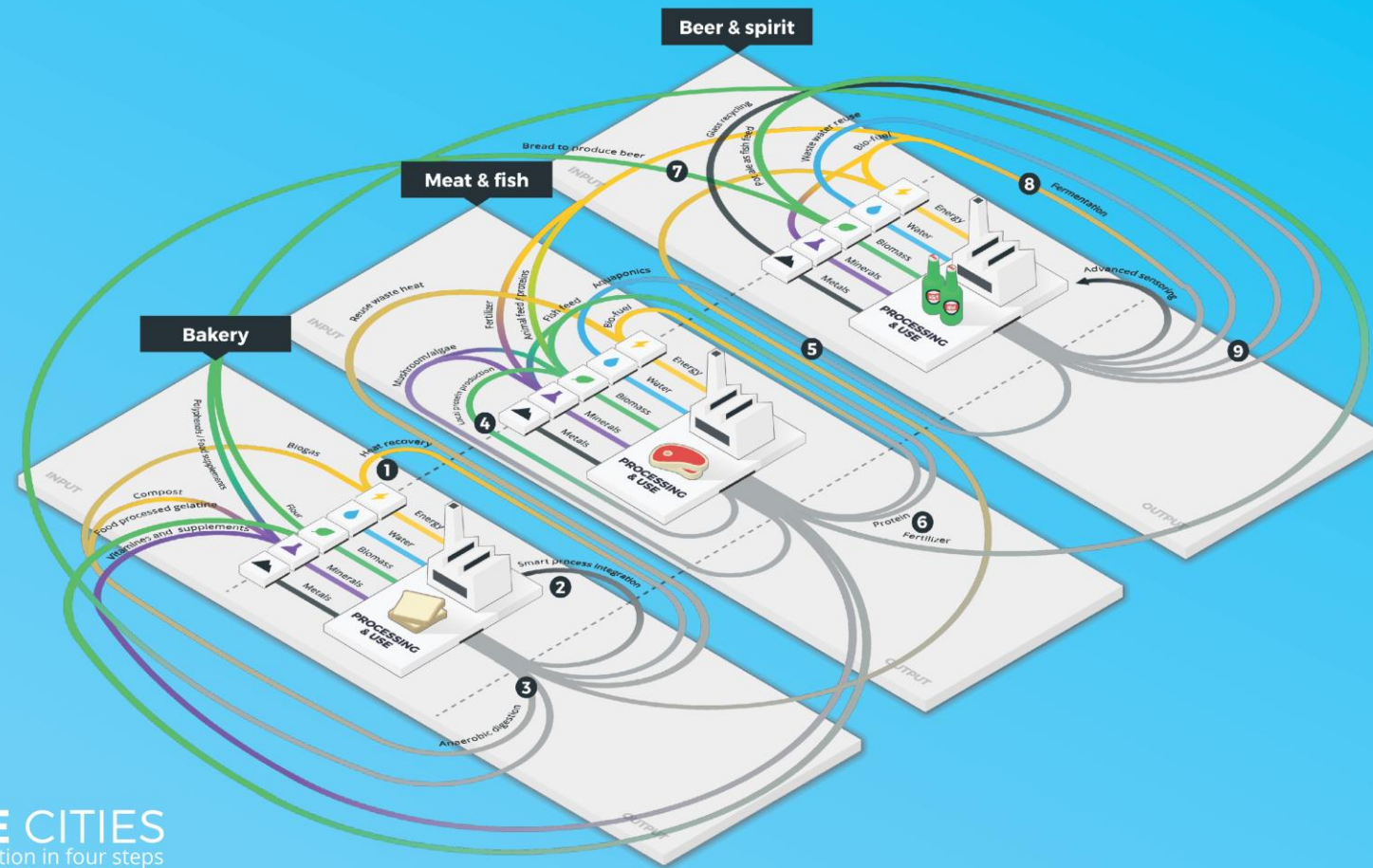


From this



CIRCLE CITIES
From scan to action in four steps

To this

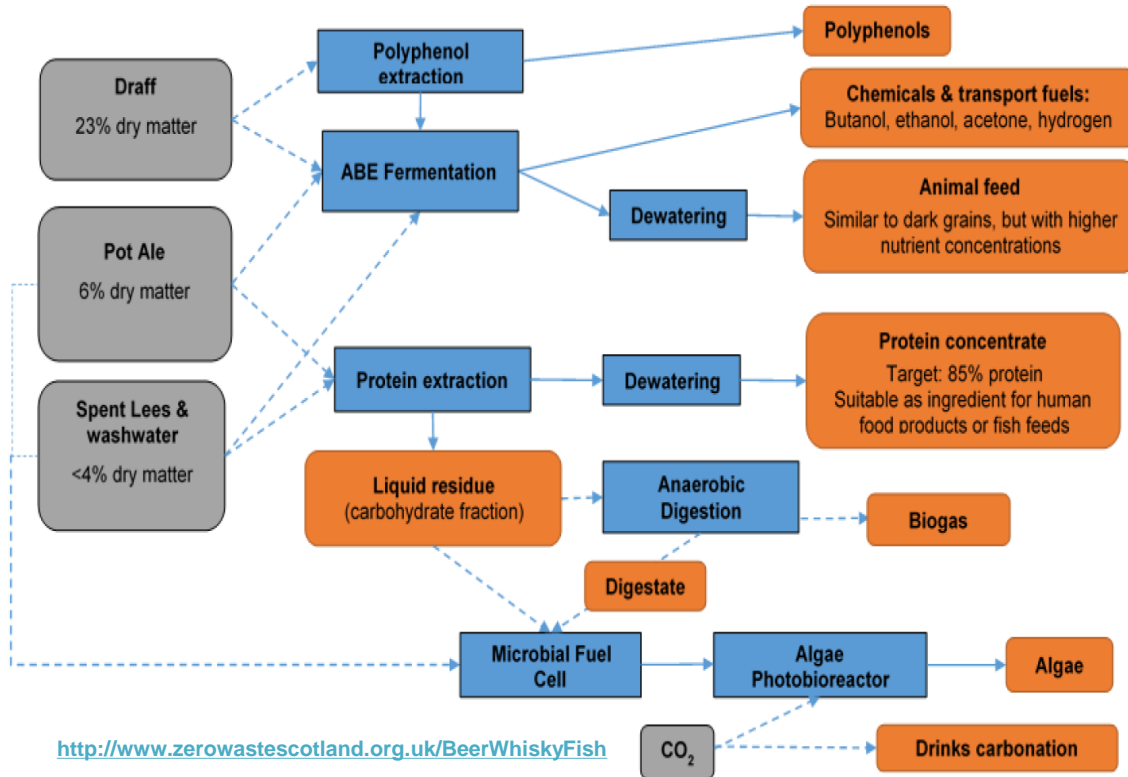


CIRCLE CITIES
From scan to action in four steps

Rural resources are waiting to be valorised

- Add-value to “waste” which cannot be eliminated through process efficiency
- Over 2 million tonnes of draff & pot ale currently disposed of annually (+ 680,000 tonnes as animal feed)
- Could produce higher value goods (e.g. protein up to £2000/t, polyphenols)

Adding value to whisky waste



<http://www.zerowastescotland.org.uk/BeerWhiskyFish>

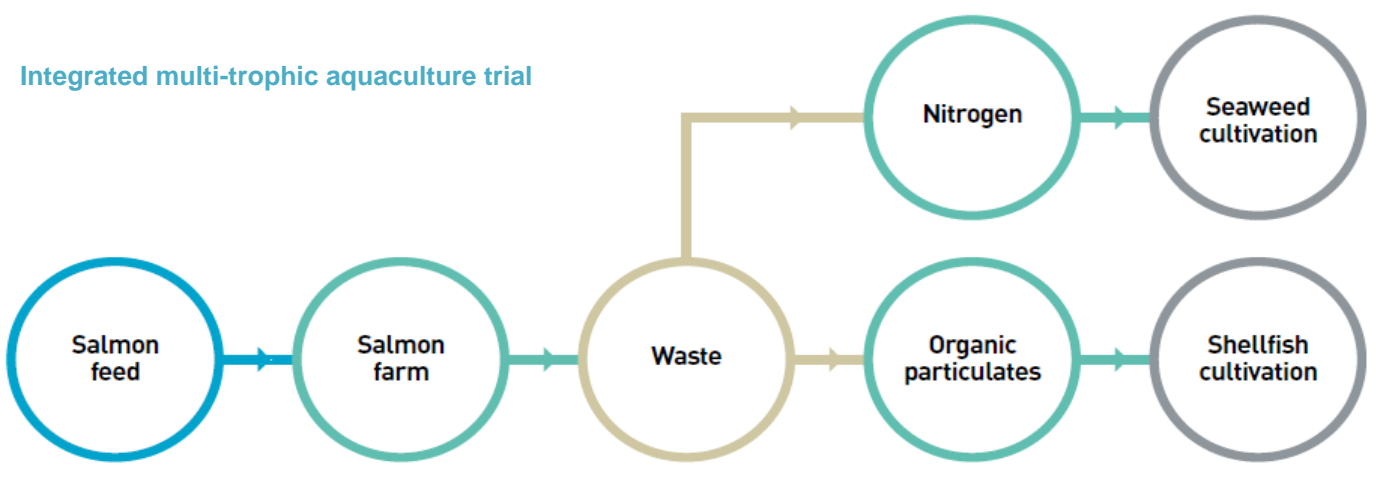
Accelerating a circular economy

Our goal is to help speed up the transition to a more circular economy in Scotland.

By supporting businesses, stimulating innovation, and overcoming barriers to adoption of enabling practices.

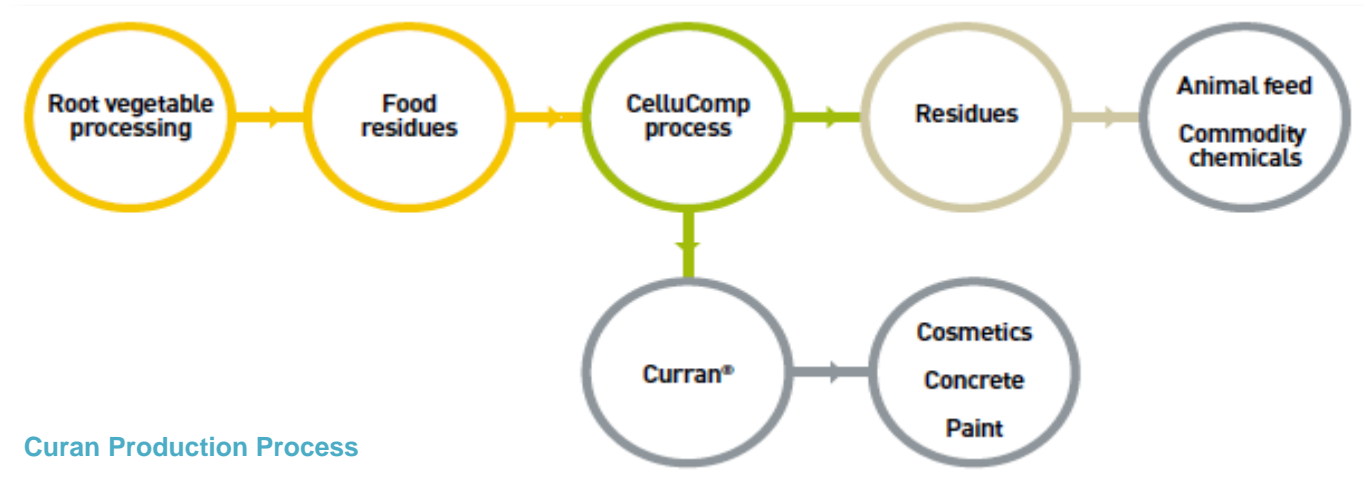
What does this currently look like for businesses?

- Integrated Multi-Trophic Aquaculture (IMTA) trial
- Producing additional value streams by exploiting “waste” in existing business practices



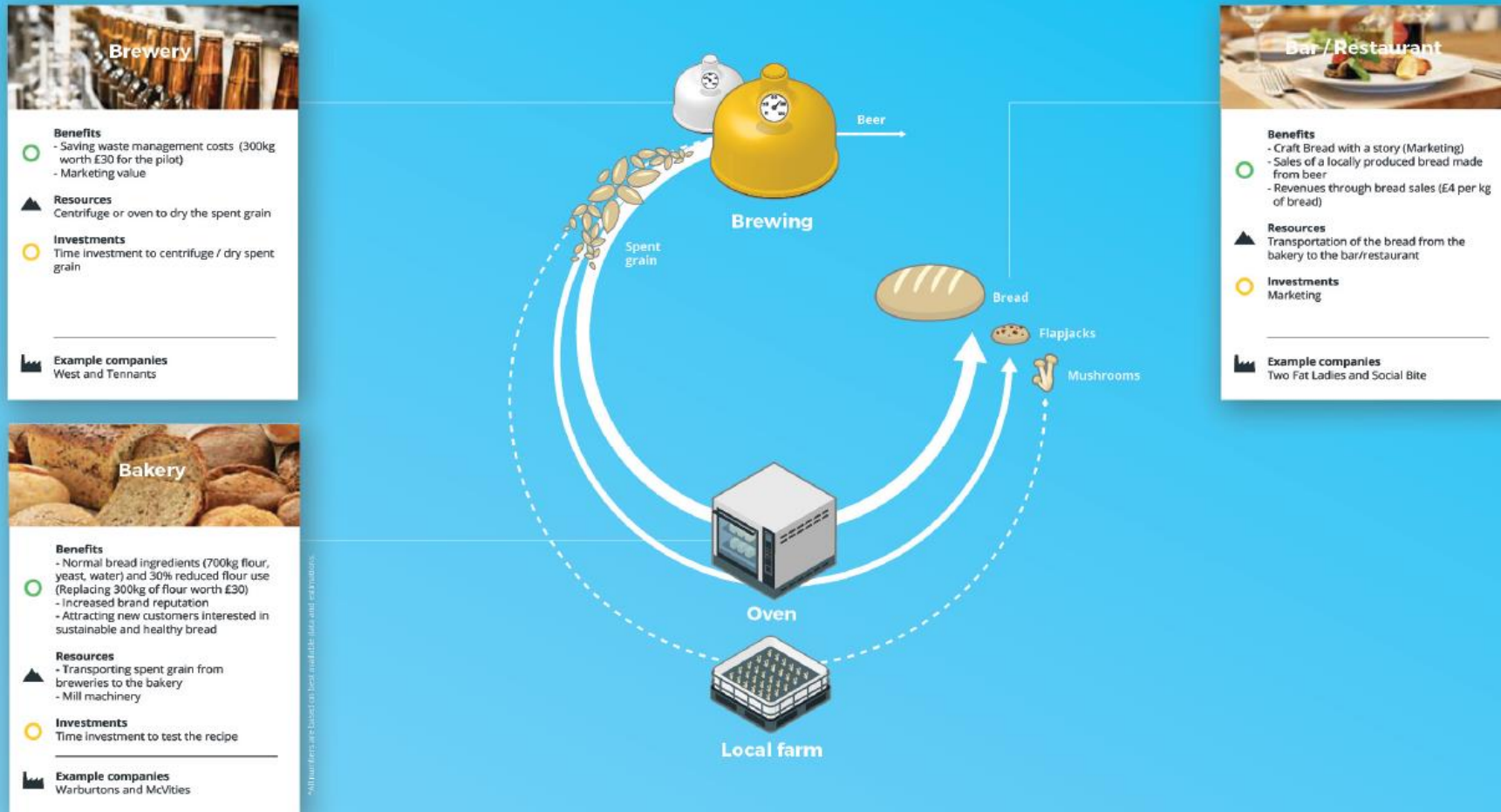
What does this currently look like for businesses?

- CelluComp produces a mechanical enhancer with thickening properties (Curan®) from root vegetable by-products (e.g. sugar beet)
- Producing additional value streams by exploiting “waste” in existing business practices



Curan Production Process

What could it look like for business?



Unlocking value opportunities with a little help from ZWS

- **Business support** for SMEs & consortia
- **Project funding** via the Circular Economy Investment Fund
- **Forum for ideas:** Scottish Circular Economy Business Network
- **Resource efficiency** audits and **support** for implementation of cost savings



Get in-touch

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