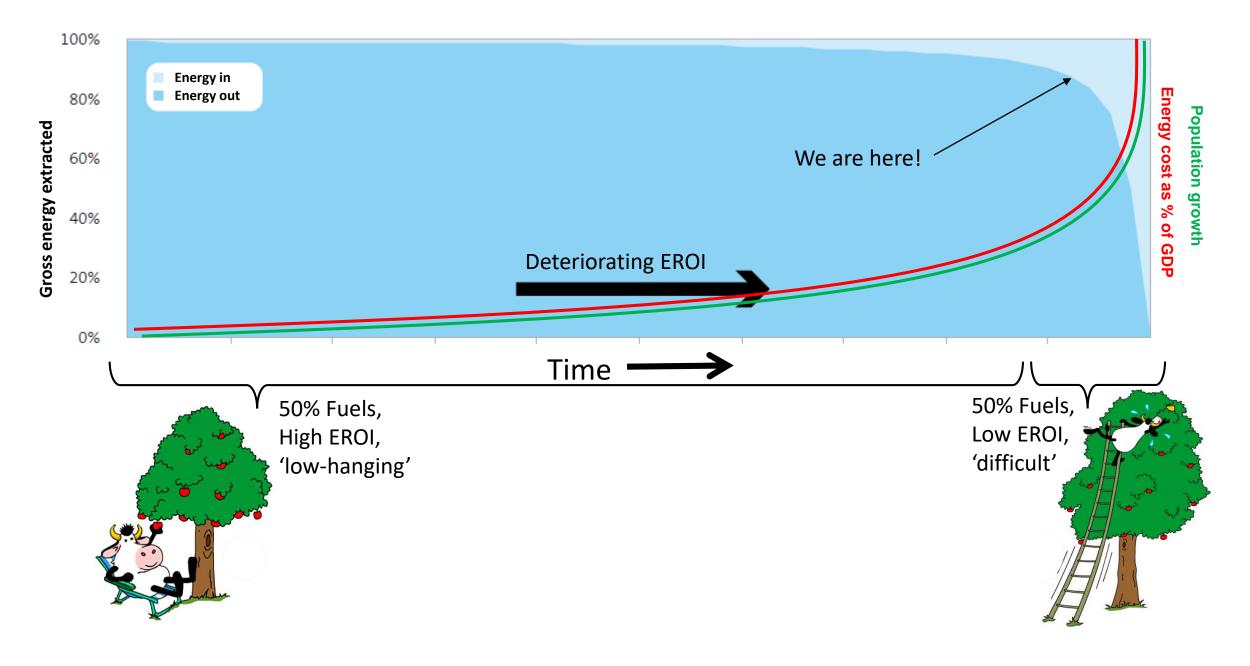
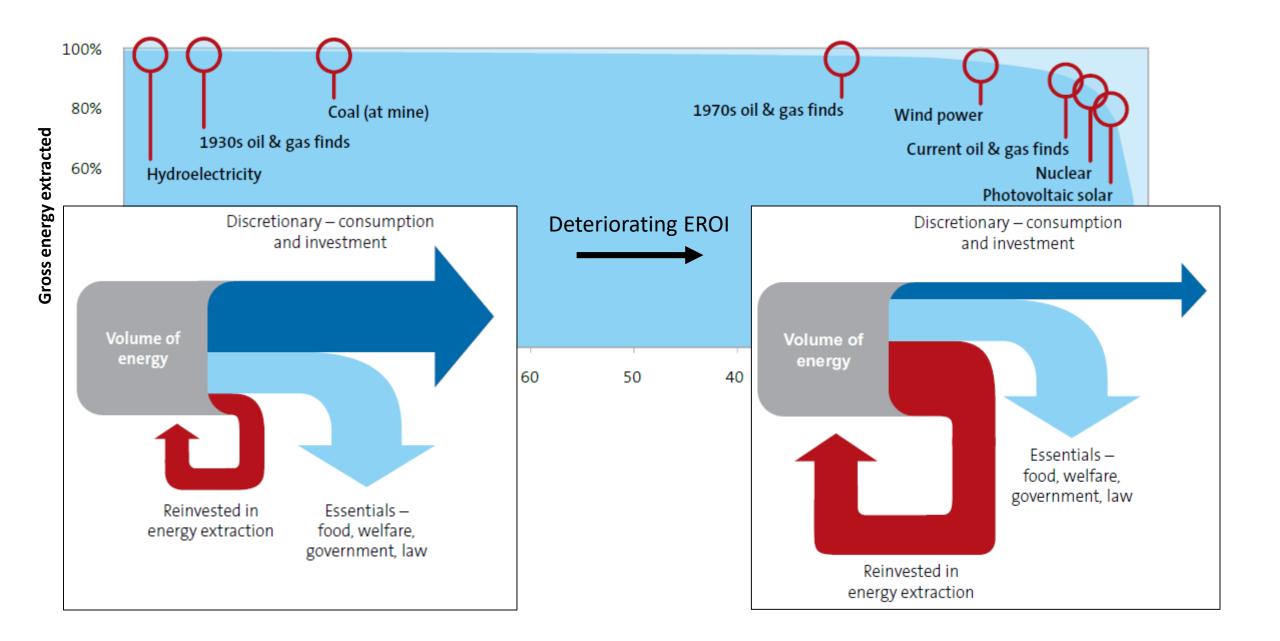
# Sustainability lenses:

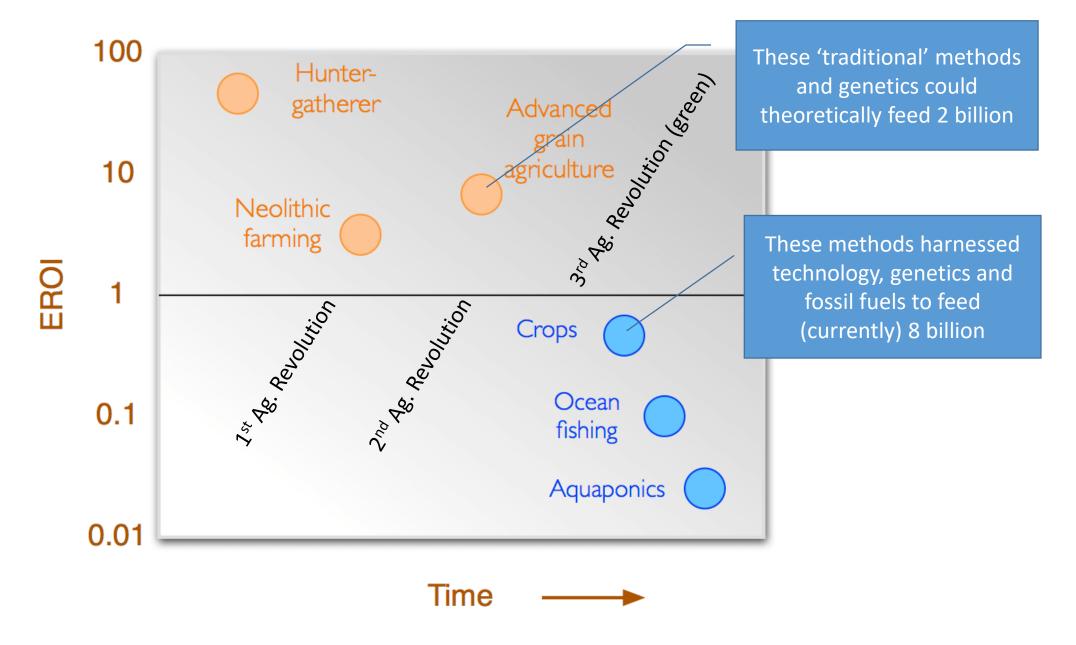
Alluding to the precautionary principle through energy use and agriculture.

Craig Anderson, Plant and Food Research

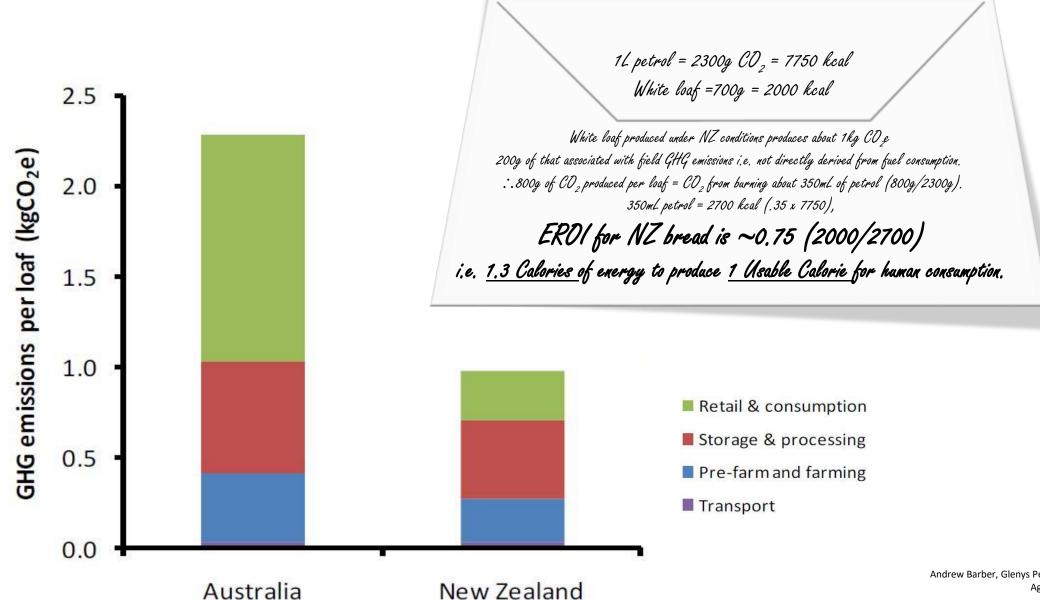
OERC, 20<sup>th</sup> November 2020



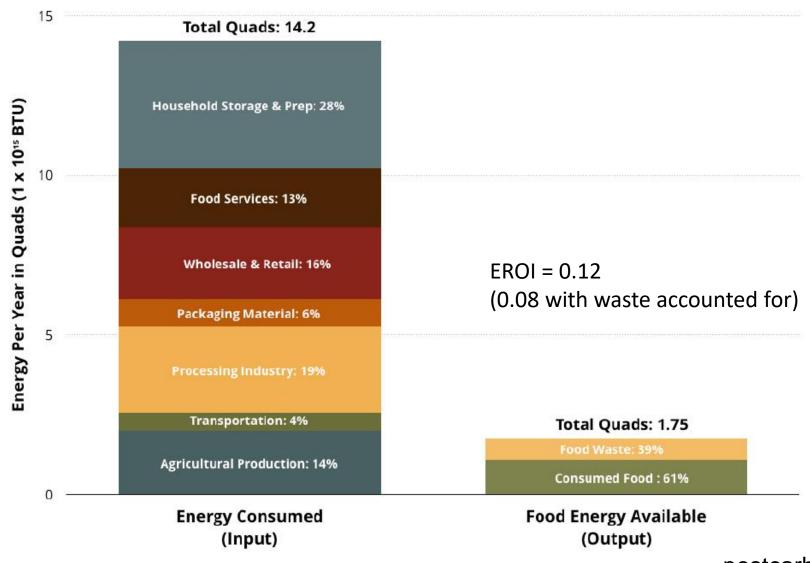




### Fossil Energy Required for New Zealand Wheat Production



## Energy use in US food production...

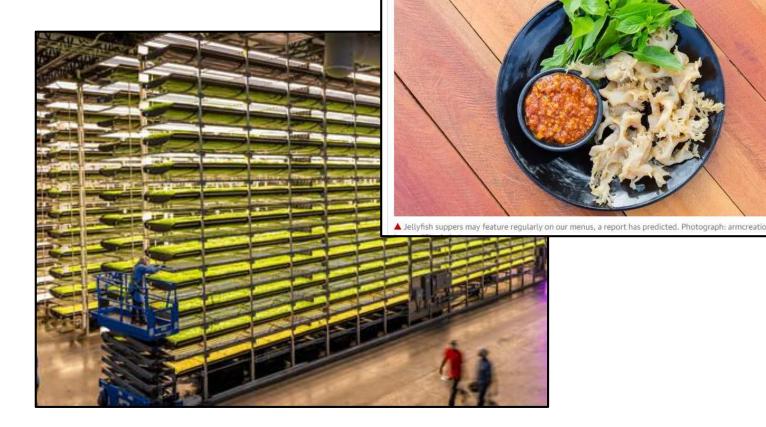


postcarbon.org/future-is-rural.

#### Urban Farming, future foods...

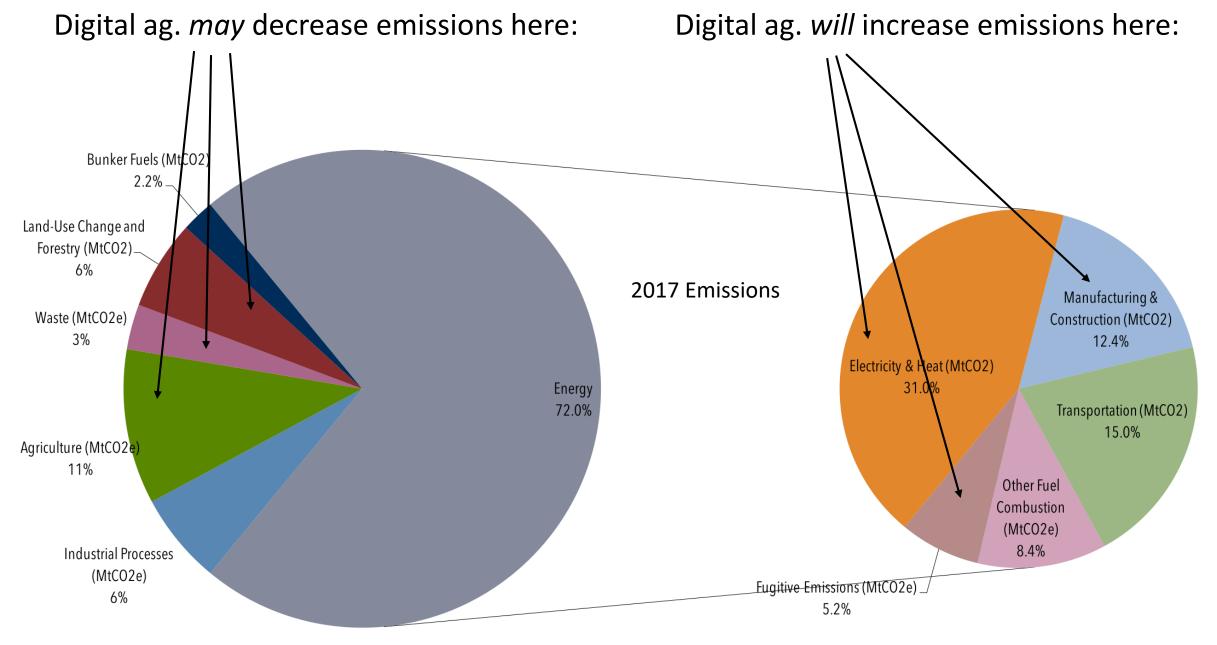
#### Jellyfish supper delivered by drone? Radical future predicted for food

Algae milk, insect protein and nutrients consumed through a patch or pill may become norm, report says



"Beyond" Burger Beef Bean **Burger Burger** Ingredients: Ingredients: Ingredients: Pea protein isolate, canola oil, Black beans, quinoa, Grass-fed beef. coconut oil, water, yeast extract, onion, flaxseed, maltodextrin, natural flavors. olive oil & sea salt. gum arabic, sunflower oil, salt, succinic acid, acetic acid, non-GMO modified food starch, cellulose from bamboo. methylcellulose, potato starch, beet juice extract, ascorbic acid, , annatto extract , citrus fruit @MeowMeix extract, vegetable glycerin.





https://www.c2es.org/content/international-emissions/

We have some serious problems...

- Environment
- Economy
- Energy

We can't keep growing on a finite planet!

