



CENTRE FOR RESEARCH INTO
ENERGY DEMAND SOLUTIONS

Local Green New Deals: a sustainable and equitable path for post Covid-19 recovery



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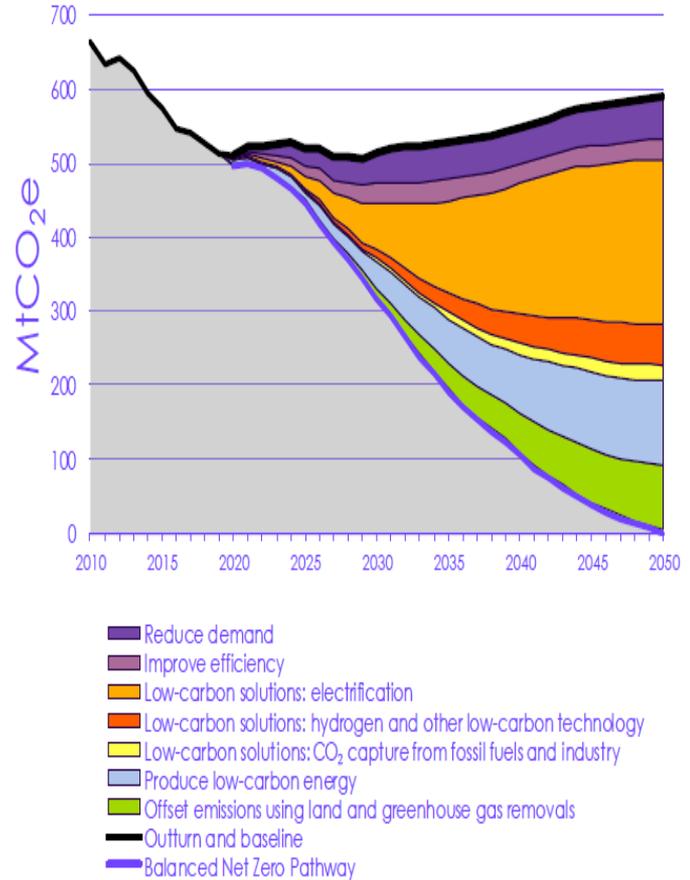
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Challenges

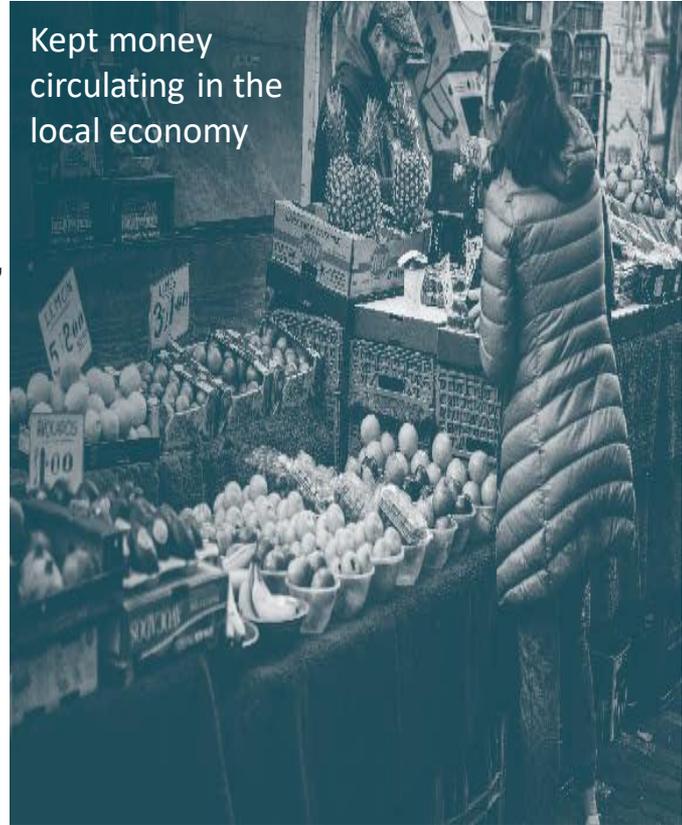
- New project – July 2021 – March 2023
- Climate Emergency – Brighton has committed to becoming a carbon neutral city by 2030
 - More scope for energy demand reduction measures whilst maintaining quality of life
- Recovery from Covid-19 economic contraction
 - Need for investment for new jobs and skills
 - People valuing local social and environmental benefits
- Green New Deals
 - Local green recovery packages, e.g. jobs and skills
 - Community-focussed, e.g. clean air, mental health



Source: Committee on Climate Change

(1) Framing of local economic recovery packages

- Climate Assembly
 - reducing travel by private vehicles, increasing active travel, improving public transport
 - engaging residents to develop and implement changes
- Co-benefits
 - Health & wellbeing, equity & social cohesion, resilience
- Community wealth building
 - Create and retain economic benefits in local communities



Source: CLES and Preston City Council

(2) Value mapping of local social, environmental and economic values

- Potential measures
 - Energy efficiency retrofits, low carbon heating, sharing economy models, local mobility/access, green spaces, public transport, EV charging, local food production
- Engage local citizens to map values and potential benefits of different measures
 - (i) What options would they like to see for net zero? What to achieve by when? What are key values?
 - (ii) What benefits would they like to create for net zero?
 - (iii) Order and map these benefits and values on timeline



(4) Develop case for public capital investment in beneficial options

- What does this analysis imply for local investment in different options?
 - Recommendations for investment timeline
 - Recommendations for structural changes needed to enable this investment
 - Opportunities for replication by other local authorities
- Report for Greater Brighton city-region
 - Community-led green recovery measures
 - Economic, social and environmental benefits
 - Investment needs

