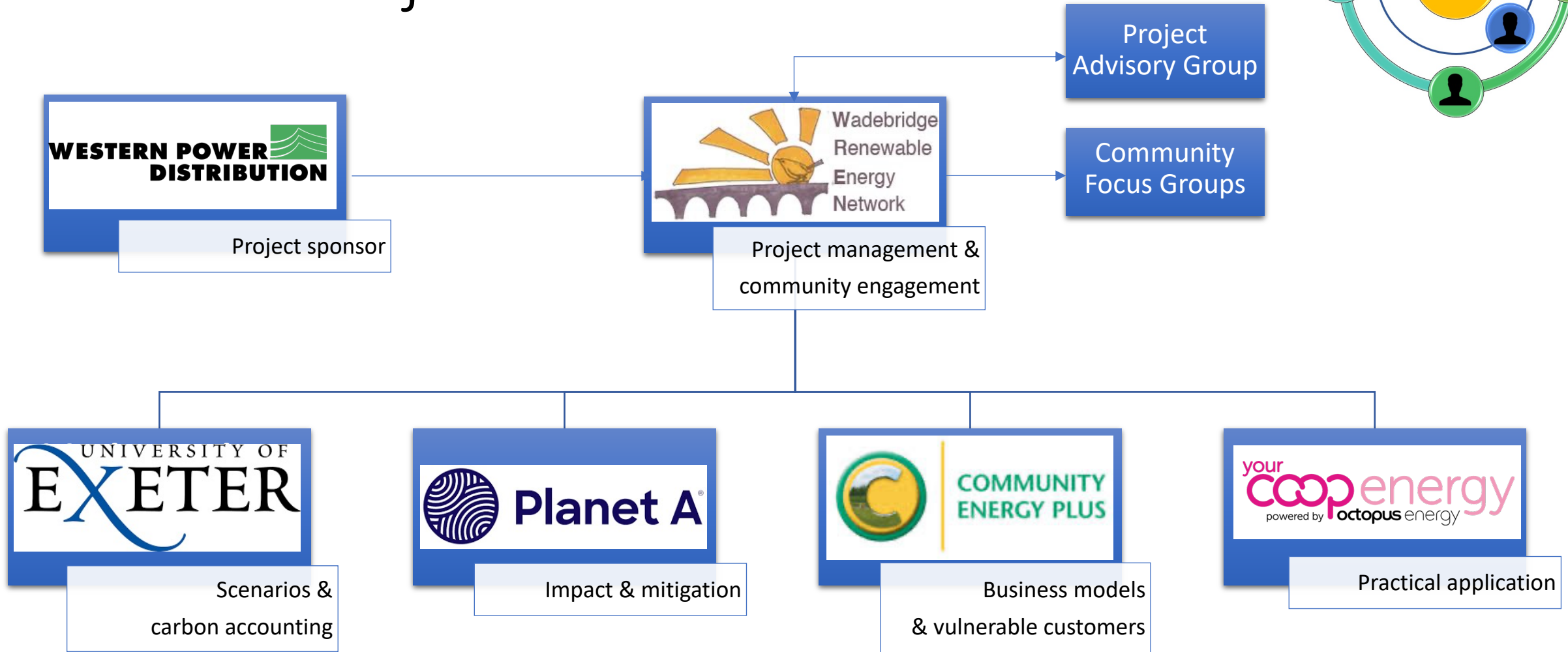
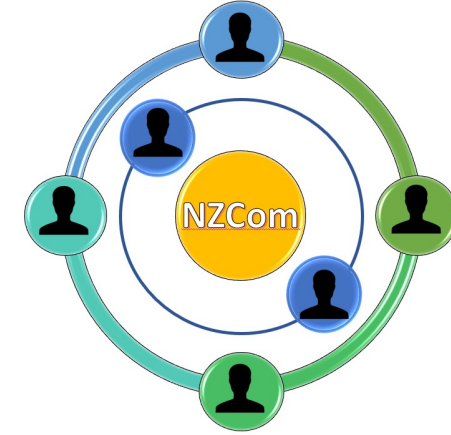


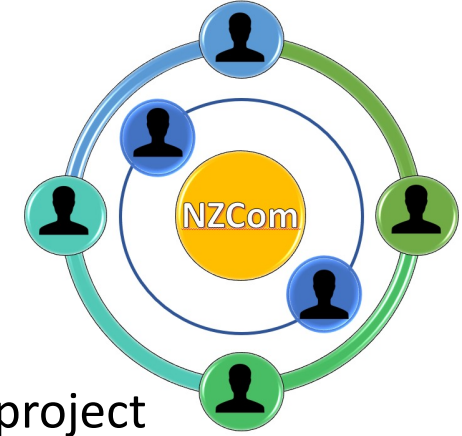
Net Zero Community (NZCom)

Leaving no one behind in the energy transition to net zero

NZCom Project Team



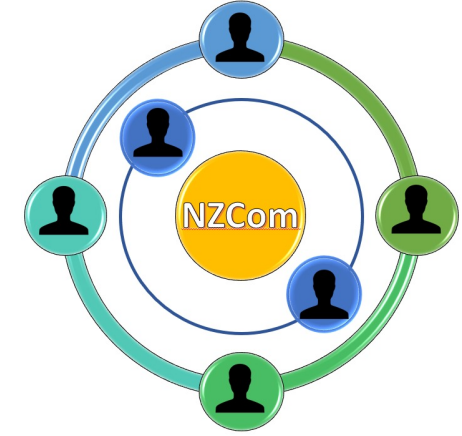
Project Objectives



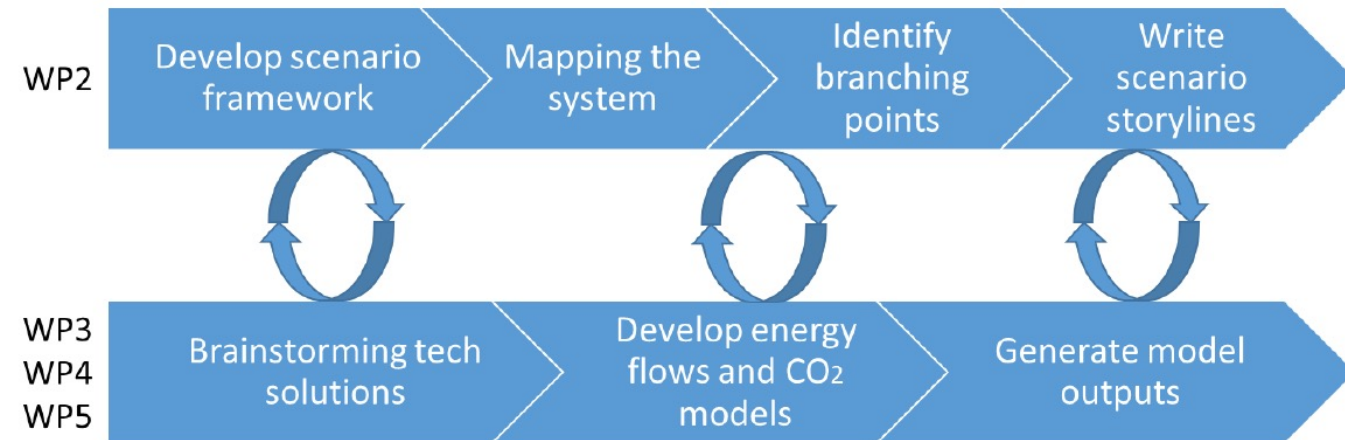
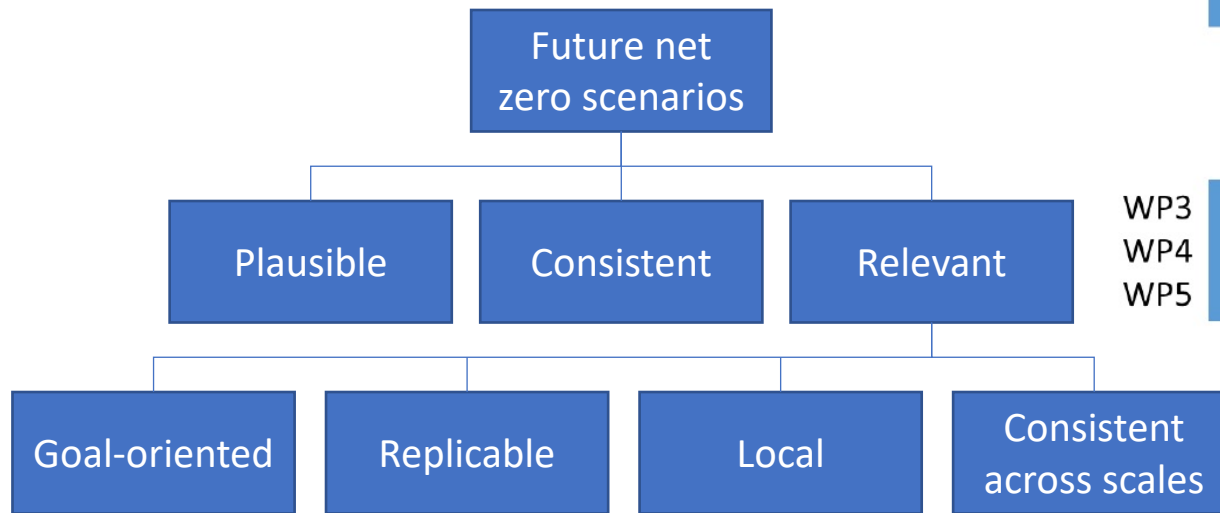
The proposed 18 month feasibility study is spread across 8 work packages, allowing the project team to deliver NZCom's 6 main objectives:

1. Develop future likely net zero carbon scenarios to 2050 for Wadebridge & Padstow Community Network Area.
2. Develop a carbon accounting methodology to qualitatively compare impacts and interventions.
3. Identify technologies, systems, and approaches to reach NZC in Wadebridge & Padstow Community Network Area by 2050 that positively support vulnerable customers.
4. Develop community-led business models that have the potential to deliver socioeconomic benefits and are supported by the local community.
5. Develop a methodology to provide the carbon content of energy supplied in customer billing & settlement to drive better consumer choices in reducing carbon.
6. Develop & share methodologies & learnings for other communities to define their own 2050 NZC scenarios and models.

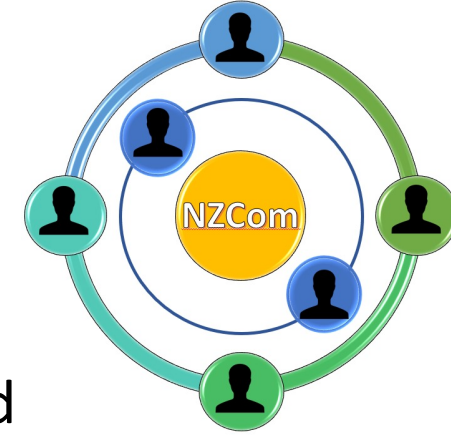
What have we achieved so far?



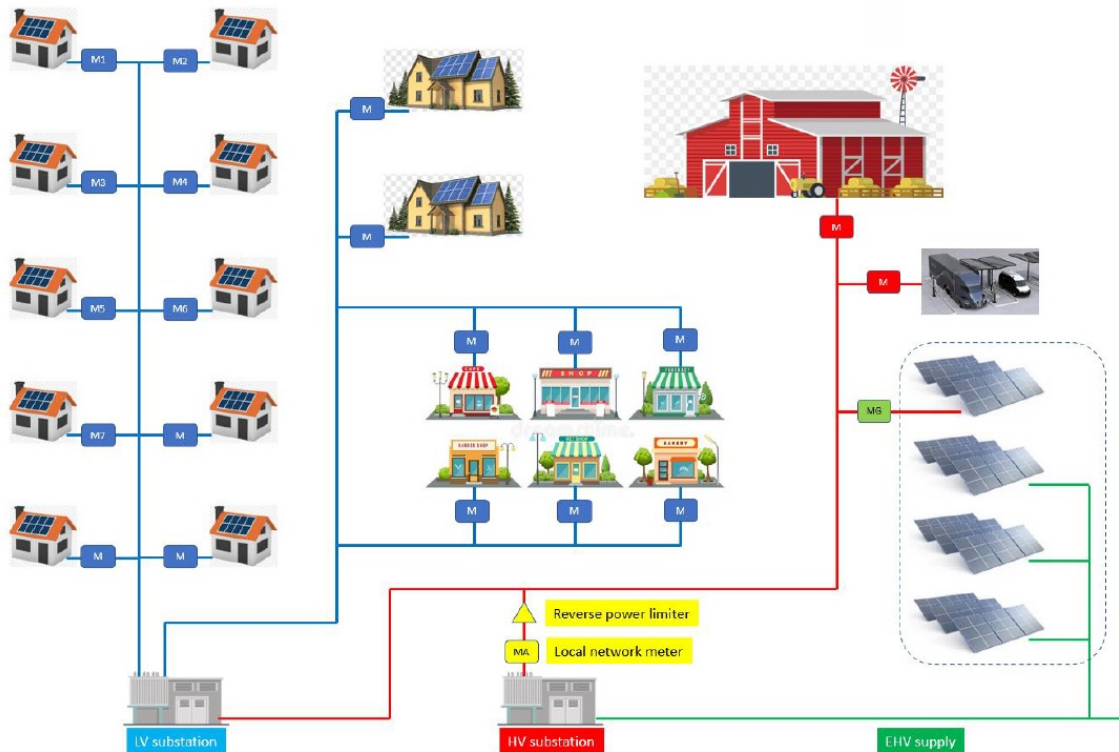
- Review of published energy scenarios and associated methodologies



What have we achieved so far?



- Review of Technical and System Options – shortlisted 6 to take forward



Solution

E2: Pseudo Local Microgrid at LV level.

E3: Pseudo Local HV Level Microgrid

E4: Pseudo Local EHV Level Microgrid

E6: New Community / Commercially Owned PV to E2/E3/E4/E9

E7: New Community Owned Wind to E2/E3/E4/E9

XV5: Upgrades of Fuel Poor Houses via Offsets

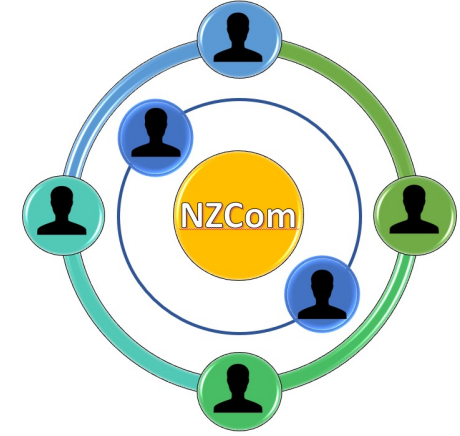
GHG Reduction



Community Benefit



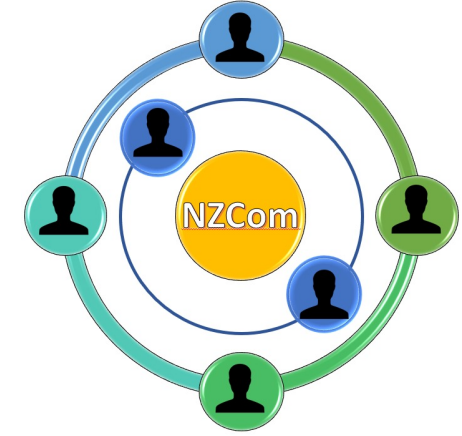
What have we achieved so far?



- Working definition of vulnerability of non-domestic consumers



What have we achieved so far?



- Project advisory group set up
- Community engagement strategy developed
- First community workshop completed

