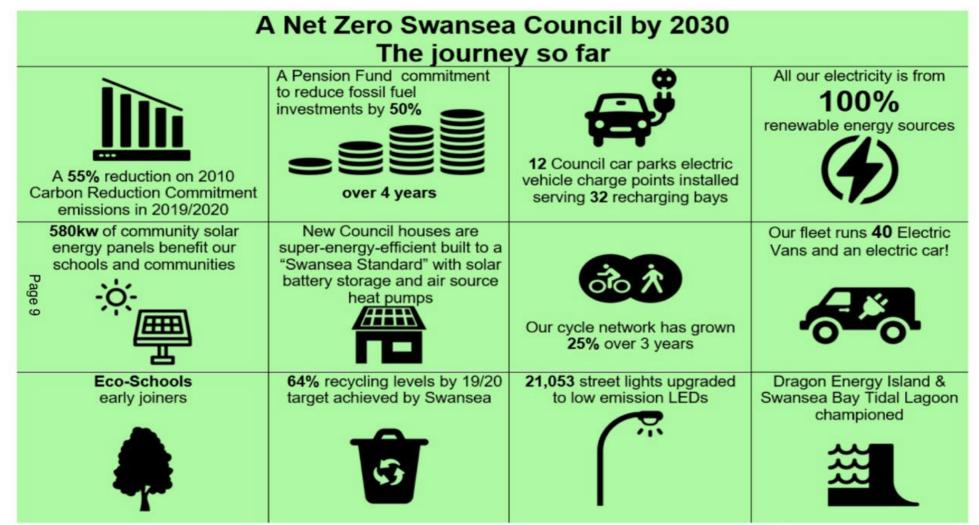




What's happening in Swansea



Abertawe ea Council

More Homes

- Demand driven need for social housing in Swansea
- Fact finding pilot schemes 4 year Plan to deliver 140 Homes
- Cabinet agree a plan to develop 1000 homes over 10 years 2021-2031 following successful pilots
- One Council approach schemes designed and built by our in house Service Teams
- The emergence of the Swansea Standard specification and initial pilot - PassivHaus accredited standard



Key Drivers

- Council's desire to drive own new-build housing programme
- Develop highly energy-efficient & environmentally conscious homes which -
 - Reduces primary energy demands
 - Reduces carbon footprint
 - Reduces energy bills tackling fuel poverty
 - Welsh Design Quality Requirements (WDQR) and Lifetime Homes compliant
 - All have private gardens and accessible green space
- Building homes and communities not just houses creating environments which are comfortable & contribute towards positive health & well-being



Swansea Standard -HAPS

- Set out to achieve a 25% uplift on Building Regulations thermal performance standards of primary elements and a fabric first approach
 - Timber-frame structure and floors highly insulated
 - High performance doors & triple-glazed windows
 - Improved air-tightness (5m³/ (m².hr)@50Pa)
- Recognisable construction form efficiencies in term of scalability
- Can be combined with other technologies
- Ground Source Heat Pumps (GSHPs), PV solar roofs, battery storage and Mechanical Ventilation Heat Recovery (MVHR) Systems.



Swansea Standard Developments











Swansea standard developments



Haps Technologies



Thank you

• Thank you for listening – any questions?

