Uk2zero National Policy Forum Submissions 2023
Better Jobs and Better Work Commission: The Everyday Economy

We describe the creation of Better Jobs and Better Work via local development of neglected site-specific Geothermal and Tidal stream power; waste, latent and geothermal heat. Renewable energy-related employment is sustainable and secure. Geothermal heat reserves are estimated to possess the capacity to satisfy national heat demand for the next 100 years. Mine Water Heat, lying beneath 25% of UK homes, can heat those homes and as warm central-heating water cools it is dropped back down into the disused coal mine tunnels to be geothermally re-heated. This perfect sustainable energy loop produces sustainable employment prospects.

Employment in geothermal and tidal power, waste, geothermal and latent heat will bring qualitative improvements to work. Rewarding and purposeful work within a motivational national campaign aimed at combatting Climate Change will arrive. Actively tackling Climate Change new renewable jobs in renewable energy economic activities will be empowering – engaging with wider issues that have seemed beyond most individuals control. Working within purposeful, small to medium local firms, can bring new meaning to work; a sense of being a player within a focussed and coherent team.

Jobs will be better because they will be local jobs, obviating the need to 'Get on Your Bike' in search of work. The greatest growth will be in the following locales, regionally organised; in itself stimulating further waves of investment and green employment.

Labour can support and stimulate these outcomes by directing resources to local authorities and communities in order to facilitate development of these neglected site-specific energy resources and its associated job and work benefits. Bolted-on local skills and retraining programmes synergising with the particular innovations planned will fit local labour for new opportunities. Small business loans, grants, rate suspensions and other financial incentives, may both encourage local firms to climb on board and reward corporate employment enrichment. Enterprises could be encouraged to become the Purposeful Firms envisaged by Labour Business.

Geothermal mine water heat (MWH) currently under development in Gateshead, Tyneside and Seaham will create purposeful employment in the NE., (one of the UKs largest known hydrothermal resources capable of heating 33% of UK heating demand), NW., Midlands Scotland, Wales. Geothermal heat will profit NE., NW., and Cumbrian labour markets (8GW geothermal heat and 2.3GW geothermal power Lake District granite aquifer); South-Western Eden offices and domes and St Austell homes.

Geothermal power will benefit Cumbria (2.3GW geothermal power Lake District granite aquifer), Cornwall via Geothermal Engineering (four geothermal power plants to generate 500MW of power) and Porthtowen Fault (ten year power supply contract). Tidal power will profit Cumbria,(Solway Firth's electric tidal energy bridge), Wales , Scotland and Mersyside.

Waste Sewer, CHP, latent estuarial, canal and river heat employment will be spread across most of Britain in construction, installation and maintenance. NE. and NW. Leeds and Liverpool latent canal heat, will bring jobs and affordable heat to Wigan, Manchester, Liverpool and Leeds; South-Eastern warmer rivers will profit London,(Thames and tributaries), Weybridge and Slough (Thames), Oxford (Thames and Cherwell); Southampton (Itchen). Warmer sea waters will enrich Brighton Bournemouth, Plymouth, Portsmouth, and Southampton labour markets. UK tidal and wind turbine, geothermal drilling and MWH technological production work will grow.