HOW NEWRY MOURNE & DOWN COMPARES TO OTHER COUNCILS

Based on Freedom of Information requests to all 11 Councils, LPS and the Department of Finance here in Nothern Ireland.

Renewable Type analysed by Council		Rates Income from Renewable Energy Projects								Councils' own renewables			Legacy systems rates			on a percentage basis	
Local Government District	Jurisdiction	Anaerobic	Biomass	Hydro Electric	Landfill Gas	Energy Storage	Photo Voltaic (Solar)	Wind Farm	Solo Wind Turbine	Income from Renewables	Other savings from Renewables	Renewables Total	Rates Income from Fossil Fuels	Rates from Nuclear Energy Plants	Grand Total	Rates Income from ALL SOURCES	%age of rates from 'new economy'
Fermanagh and Omagh	NI	£157,645			£2,743	£0		£4,844,205	£192,231	£2,354	£217,400	£5,416,578		£0	£5,416,578	£63,228,870.06	8.57%
Causeway Coast and Glens	NI	£92,222		£35	£10,123	£0	£226,409	£3,289,351	£436,613	£182,000	£32,000	£4,268,753		£0	£4,268,753	£82,899,914.18	5.15%
Derry City and Strabane District Council	NI	£207,578	£229,749	£15,165	£4,061	£0		£3,274,405	£191,894	£76,196	£10,000	£4,009,048	£1,952,544	£0	£5,961,592	£84,959,087.92	7.02%
Mid Ulster	NI	£241,066		£1,924	£7,795	£40,550	£37,817	£892,027	£188,564	£222,569	£0	£1,632,312		£0	£1,632,312	£68,553,900.13	2.38%
Mid and East Antrim	NI	£92,241		£5,889	£3,997	£0	£17,756	£721,261	£483,990	£101,302	£0	£1,426,436	£4,932,312	£0	£6,358,748	£79,515,447.94	8.00%
Belfast	NI				£8,598	£0	£14,371		£11,930	£597,808	£345	£633,052		£0	£633,052	£261,912,921.21	0.24%
Antrim and Newtownabbey	NI	£32,487		£4,479	£6,106	£0	£127,655	£202,187	£114,998	£0	£5,000	£492,912		£0	£492,912	£82,785,707.89	0.60%
Ards and North Down	NI	£11,397				£0	£68,348	£4,901	£224,344	£153,961	£3,500	£466,451		£0	£466,451	£97,955,353.47	0.48%
Lisburn and Castlereagh	NI	£68,002			£15,813	£0	£288,055		£94,516	£0	£0	£466,386		£0	£466,386	£91,797,997.98	0.51%
Armagh City, Banbridge and Craigavon	NI	£181,614		£135	£11,599	£0		£1,014	£202,256	£2,163	£1,443	£400,224		£0	£400,224	£110,986,508.53	0.36%
Newry, Mourne and Down	NI	£21,373		£10,019	£6,804	£0			£147,051	£18,252	£84,560	£288,059		£0	£288,059	£94,886,122.35	0.30%
NI Total	**NI**	**£1,105,625**	**£229,749**	**£37,646**	**£77,639**	**£40,550**	**£780,411**	**£13,229,351**	**£2,288,387**	**£1,356,604**	**£354,248**	**£19,500,210**	**£6,884,856**	**£0**	**£26,385,066**	**£1,119,481,832**	2.36%
										check		£19,500,210		check	£26,385,066		

Projection to 2030 for Council rates and income from renewables (based on todays prices)

	£	
CURRENT INCOME PER FoI REQUESTS ABOVE FROM 11 COUNCILS	**£19,500,210**	(only 45% electricity)
ADD NI SRATEGY TO MOVE TO 100% RENEWABLES (ELECTRIC)	**£43,333,801**	
ADD NI STRATEGY MOVING TRANSPORT TO ELECTRIC BY 2030	**£108,334,503**	
ADD 4 ENERGY STORAGE PROJECTS (EG as in Co Wicklow or equivalent)	**£118,334,503**	(tesla style like Mid-Ulster also possible)
ADD ELECTRIFICATION OF HEATING * (note NI strategy assumes massive reduction)	**£140,001,403** *	

*** note; The current 2021 consulation from the Department of the Economy assumes that NI will be able to decrease overall demand for energy from ~50,000 GWh pa to ~20,000 GWh per annum. The estimates above are based on this projection.**

They suggest that this can be done though a 'Green New Deal' style campaign to make buildings energy efficient, to have homes and businesses provide their own heat and power via PV panels and heat pumps and greater use of public transport.

This scale of reduction in energy demand looks very improbable to our study group, given the absence of any "Green New Deal" initiative in NI. Energy demand, at best, will plateau while switching to renewables as predicted by the Department.

IN THIS EVENT THE ~£140 million pa estimate above will be a gross underestimate of the rateable value of all potential renewable energy projects. The overwhelming proportion of this energy will be electric. Rates pa could be expected to exceed £200 million

NOTE; Should NI push renewable projects off-shore, then no annual income can be received by Councils or the NI Department of Finance as the equivalent of rates will instead accrue to the Crown Estate and thus Westminster

PROJECTED RATES INCREASE from~£20M pa in 19/20 up to 2030

THIS ~20M is 14% OF LOWEST PROJECTION AND LESS THAT 10% OF MOST LIKELY PROJECTION

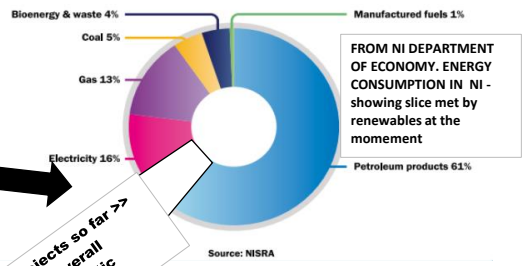
Employment

Table 2.1 LCRE Direct Activity Key Statistics by UK Country - Annual Average Turnover and Full-Time Equivalent (FTE) Employment, 2014-2016, 2015-2017 and 2016-2018

	Turnover (£billion)			Employees (FTE)		
	2014-2016	2015-2017	2016-2018	2014-2016	2015-2017	2016-2018
UK	41.7	42.1	44.2	215,900	210,600	218,600
England	32.9	33.3	34.9	175,800	171,000	178,200
Scotland	5.8	5.8	6.1	23,400	23,000	23,100
Wales	2.1	2.0	2.1	11,000	11,100	11,500
Northern Ireland	**1.0**	**0.9**	**1.0**	**5,700**	**5,500**	**5,900**

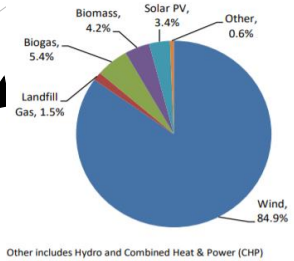
Source: Office for National Statistics (https://www.ons.gov.uk/economy/environmentalaccounts/bulletins/finalestimates/2018/relateddata)[25]

Figure 13: Final Energy Consumption by Fuel Source, 2018 (% of total energy)



FROM NI DEPARTMENT OF ECONOMY. ENERGY CONSUMPTION IN NI - showing slice met by renewables at the momement

Renewables projects so far >> Provie just 8% of overall energy. IE half of electic



Other includes Hydro and Combined Heat & Power (CHP)