Chapter	Body	Date
Chapter 2: Climate	Public Participation and People-led Policy	22.02.2022 -
Change &	For climate policy on a local and national level to be effective, it has to be based on public	11:34pm
chieving a	participation and take into account the needs and voices of communities.	
Sustainable Future	We therefore make the following recommendations to be included in the Kerry County Council	
	Development Plan (if not included already):	
	Outside the development of this plan, the council should lead annual local climate dialogues	
	which serve to inform communities about the ongoing transition to a low carbon society and	
	seek their opinions, ideas and consent. The Climate Action and Environment office, or	
	equivalent, within the council must be adequately resourced, publicised and staffed. These	
	offices should work closely with local communities to improve education and access to	
	information around environmental issues, proactively engage in consultations and participatory processes which allow local people to have a say in the energy transition in their area.	
	Wherever practically possible, participatory processes should be designed in a participatory	
	way, with input from representatives of all groups who are expected to take part. Special	
	outreach efforts must be made to include disadvantaged or marginalised groups in participatory	
	processes. Those running participatory processes should keep a detailed record of the	
	participation of marginalised groups and of best practices that serve to increase this	
	participation. Support and establish community energy projects throughout the lifetime of the	
	county development plan. Throughout the lifetime of this county development plan, Ireland's	
	transition to a low carbon society is entering its most crucial decade. It's vital that it should be	
	centred around providing people and communities with clean, affordable and reliable energy.	
	The best way to do so is to ensure citizen participation at all levels and stages of the energy	
	transition.	
	There are many different ways in which people can participate in governance, ranging from	
	informing to consultation to partnership to citizen control, whereby community members control	
	the process (Armstein, 1969) {xxiv}. While all of these methods of participation are useful and	
	valid at different stages of policymaking, different forms of participation should be incorporated	
	into major decisions (such as energy infrastructure projects) to create a thoroughly participative	
	process; for example, informing and consulting at the stage of technical impact assessments.	
	Ideally, there should be citizen participation in the design of the participatory process itself, for	
	example through focus groups or workshops which feed directly into sub-national and national	
	policymaking.	
	Community participation and ownership has proved important for public acceptance of the	
	energy transition in countries where the transition is more advanced than in Ireland. For	
	example, in Germany, 70% of the tax paid by wind turbine operators goes directly to the	
	municipality where the turbines are based. In Denmark, taxes on energy go into funds to	
	subsidise local initiatives for environmental improvement and community generation. Denmark also requires that local communities have a 20% share in onshore or near-shore wind turbines.	
	Ownership measures like this are shown to increase community acceptance of energy	
	transition infrastructure, and can take the form of individual shares in an energy project,	
	community ownership of part of the infrastructure, or joint ventures between communities and	
	developers {xxv}. There are many renewable energy projects that, with the support of the	
	Council, can be developed. Numerous renewable energy exemplar projects exist around	
	Europe, such as the Edinburgh Community Solar Co-operative, which empowers the public to	
	be part of the transition to a low carbon society {xxvi}.	
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		1

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Chapter 12: Energy	1. LNG, fossil fuels and new fossil fuel infrastructure	22.02.2022 -
- 1 - 57	Chapter 12 of the Draft Kerry County Development Plan 2022-2028 includes the following	11:34pm
	statement:	- 1
	"KCDP 12-3	
	Facilitate the expansion of the gas network, including the facilitation of a gas importation facility	
	in the Tarbert/Ballylongford Landbank, and the expansion of the network to the Kerry Hub and	
	Knowledge Triangle settlements of Tralee, Killarney and Killorglin."	
	Assuming that this refers to plans for supporting the construction of a Liquefied Natural Gas	
	(LNG) terminal at Tarbert, we urge Kerry County Council to amend their County Development	
	Plan to oppose, rather than actively support the development of LNG infrastructure.	
	Impacts of Fossil Gas Projects	
	Research states that if we are to keep global temperature rise below 1.5°C and avoid	
	catastrophic climate change, fossil gas must be phased out of the energy mix in Europe by	
	2035 {i}, discrediting claims that gas is a "transition fuel" in the transition to a decarbonised	
	economy {ii}{iii}. Research also states that we can't develop any new fossil fuel infrastructure	
	from 2019 onwards if we are to have a 64% chance of limiting temperature rise to less than	
	1.5°C {iv}. Currently, 69% of all gas produced in the US and imported to Europe as Liquefied	
	Natural Gas (LNG) is sourced through hydraulic fracturing, or fracking {v}. New LNG exports	
	will super-charge additional fracking, as 80% of the increased exports will come from new, i.e,	
	fracked, wells {vi}. Recent investigation shows that this is 40% more damaging to the climate	
	than coal {vii}. The lifespan of a project like LNG is at least 30 years which would increase our	
	dependence on dirty fossil fuels and discourage the development of renewable energy projects	
	{viii}.	
	Energy Security and LNG	
	New gas infrastructure is not required for energy security. A 2020 study by leading independent	
	consultancy, Artelys concluded that "existing EU gas infrastructure is sufficiently capable of	
	meeting a variety of future gas demand scenarios in the EU28, even in the event of extreme	
	supply disruption cases" {ix}. The European body of gas network operators, ENTSO-G, in its	
	2017 Security of Supply Review, found that Ireland and the UK would suffer no curtailment in	
	gas supply if faced with a variety of supply disruption scenarios $\{x\}$. Historically, the UK has	
	provided most of Ireland's gas supply, and Ervia states that in the UK "there is ample import	
	capacity over and above demand" {xi}. Demand for gas in the UK has decreased by a fifth since	
	2004 and gas-fired electricity generation is expected to drop by 40% by 2025 {xii}. This is due	
	to the existing over-capacity of the EU gas grid; gas import infrastructures have import capacity 200% higher than what Europe actually imports {xiii}.	
	The construction of an LNG terminal off the coast of Kerry would also be in conflict with national	
	policy, which opposes construction of LNG and the importation of fracked gas	
	(https://www.gov.ie/en/publication/f3774-policy-statement-on-the-importation-of-fracked-gas/).	
	Along with over 30 other climate and volunteer groups and Green Party TD Neasa Hourigan,	
	Not Here Not Anywhere recently launched a campaign to Keep Ireland LNG Free, which has	
	already attracted support from across political parties and the public. Constructing LNG	
	terminals off the coast of Kerry would lock the county and country into fossil gas use for	
	decades, risk the safety and health of surrounding communities, and interfere with Kerry's and	
	Ireland's ambitious goals towards investing in renewable energy and becoming carbon free. For	
	more information on the campaign and its supporters, see https://www.lngfree.ie/.	
	We further make the following recommendations:	
	The Kerry County Development Plan should ensure a rapid phasing out of all fossil fuels	
	including gas. The Kerry County Development Plan should not allow the expansion of the gas	
	grid. The Kerry County Development Plan should ban fracked gas in its energy mix. Any new	
	large scale fossil fuel infrastructure projects must be mandated to undertake climate impact	
	assessment to ensure they are consistent with Ireland's fair share net cumulative carbon	

dioxide (CO2) quota in line with the Paris agreement. References:

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2. Data Centres

We welcome the following statement in Chapter 12: "KCDP 12-5

Consider the sustainable development of Data Centres at appropriate locations powered by renewable energy where it can be demonstrated that there will be no significant adverse impact on the built and natural environment, visual character of the landscape or on residential amenities. Seek opportunities to recover waste heat to support potential decarbonisation projects such as district heating schemes."

We further recommend that:

A national cap on the level of data centre demand that can be accommodated by the grid to 2030, while meeting our renewable energy and climate emissions targets consistent with our obligations under the Paris Agreement, must be set out in national policy. New data centres must be powered entirely by onsite or new off site renewable energy. It may not be permitted for data centres to be powered through fossil fuels and simply "offset" their fossil energy use through Purchase Power Agreements (see below). Existing centres should be required to transition rapidly to onsite or new off site renewables. Wherever technically possible, heat generated from a data centre should be required to be utilised for district heating systems. Eirgrid estimates that data centres could account for up to 27% of Ireland's electricity demand by 2028, and up to 50% of new electricity demand growth {xiv}. The Irish Academy of Engineering predicts that data centre development will add at least 1.5 million tonnes to Ireland's carbon emissions by 2030, a 13% increase on current electricity sector emissions, and will require an investment in energy generation and storage of \in 9 billion by 2027 {xv}. For example, if Amazon's eight centre project in Mulhuddart, Dublin 15, is realised, by 2026 it would use c. 4.4% per cent of the State's entire energy capacity, the equivalent of Galway city, but employ only 30 people post-construction, largely in facility maintenance {xvi}. The Apple data centre proposed for Athenry, Co. Galway, would have ultimately used "over 8% of the national capacity...,more than the daily entire usage of Dublin, and "would require 144 large diesel generators as back-up" {xvii}. The government has acknowledged that "data centres pose considerable challenges to the future planning and operation of Ireland's power system" {xviii}. These challenges include higher electricity costs for consumers {xix}. The Danish Council on Climate Change recommended in April 2019 that the Danish government legally binds data centre owners and developers to contribute to the infrastructure required to supply the centres with renewable energy, such as wind and solar farms {xx}. Currently, many companies claim to operate data centres powered by 100% renewable energy. However, the energy is largely sourced indirectly through Renewable Energy Certificates or Purchase Power Agreements {xxi}, which means that the energy is sourced from the grid, which in Ireland is 69% fossil fuel-powered {xxii}. If we continue to allow companies to virtually purchase clean energy where it is cheapest to create, while actually using and increasing demand for dirty energy in Ireland, we allow them to profit while our real emissions continue to rise. It is crucial therefore that data centres are powered directly by onsite renewable energy generation such as rooftop solar farms or genuinely new offsite generation such as offshore wind or solar farms. Data Centres also generate large quantities of waste heat which could be utilised in district heating systems {xxiii}.

To meet the greenhouse gas emissions targets set out in the Paris Agreement, and in the

recently published Climate Action and Low Carbon Development Bill, it is paramount to examine the impact that energy supply of data centres will have on net emissions. Furthermore, it is crucial that every City and County Council takes into consideration the cumulative impact of data centres' energy demand on a nationwide basis, as opposed to examining impact solely on a case-by-case basis. Eirgrid. (2020). All Ireland Generation Capacity Statement. Dublin: Eirgrid. Available:

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