

DUBLIN REGION ENERGY MASTER PLAN

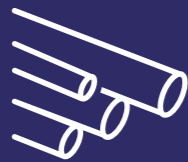


The Dublin Region Energy Master Plan provides realistic, evidence-based pathways for the Dublin Region to achieve its carbon emission reduction targets to 2030 and 2050. It is the result of three years worth of research by Codema's energy planning team to identify the greatest potential to reduce emissions related to heat, electricity, transport and buildings in Dublin, and is the first study of its kind to be carried out for any city or town in Ireland. If implemented, the pathways identified by the master plan would enable Dublin to meet its emission targets and even become a net-exporter of energy by 2050.

KEY FINDINGS FROM THE MASTER PLAN

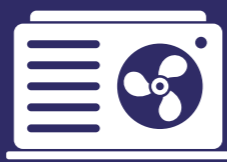
87%

of Dublin's heat demand could be supplied by district heating by 2050



13%

of Dublin's heat demand could be supplied through heat pumps by 2050



offshore wind

presents the greatest potential for renewable electricity generation



active travel and public transport

should be prioritised over cars



areas most at risk of energy poverty

should be prioritised for upgrades



energy planning

becomes a requirement for implementing local-level energy plans



DUBLIN'S ENERGY-RELATED EMISSIONS



HEAT ACCOUNTS FOR **46%** OF EMISSIONS



57% COMES FROM DUBLIN'S TRANSPORT & RESIDENTIAL SECTOR



2,856 KTCO2 NEEDS TO BE REDUCED FOR DUBLIN TO REACH ITS 2030 TARGET



5,969 KTCO2 NEEDS TO BE REDUCED TO GET DUBLIN TO NET-ZERO BY 2050

DUBLIN'S ENERGY-RELATED EMISSIONS BY SECTOR

