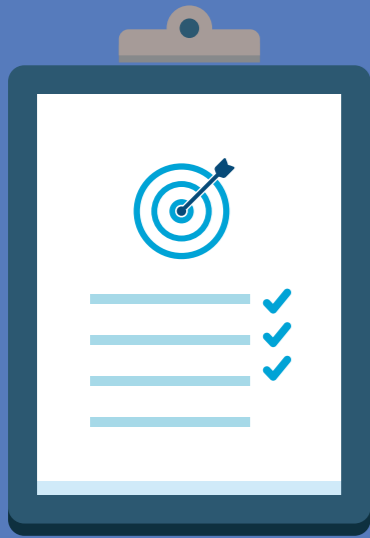
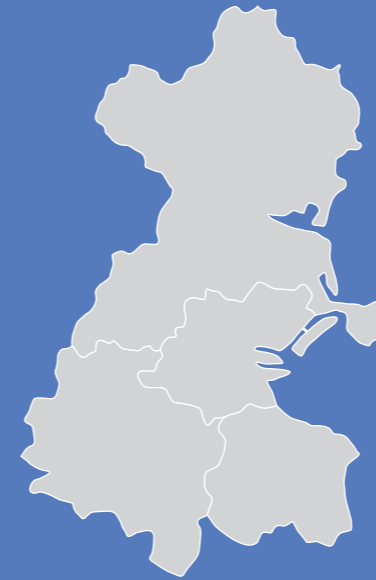


# DUBLIN REGION ENERGY MASTER PLAN

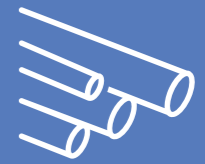


The Dublin Region Energy Master Plan provides realistic, evidence-based pathways for the Dublin Region to achieve its carbon emission reduction targets to 2030 and 2050. It is the result of three years worth of research by Codema's energy planning team to identify the greatest potential to reduce emissions related to heat, electricity, transport and buildings in Dublin. For the first time in Ireland, the Dublin Region Energy Master Plan uses spatially-driven energy scenario modelling to identify the cost-optimal solution that considers the socio-economic impact at a local level in Dublin, based on the specific energy "characteristics" or profile of a particular area.

# DUBLIN'S HEATING SECTOR



HEAT ACCOUNTS FOR **46%** OF TOTAL ENERGY-RELATED EMISSIONS IN DUBLIN



DISTRICT HEATING COULD SUPPLY **87%** OF DUBLIN'S HEAT DEMAND BY 2050



DUBLIN HAS ENOUGH RENEWABLE & WASTE HEAT SOURCES TO HEAT THE EQUIVALENT OF 1.6 MILLION HOMES



THESE WASTE HEAT SOURCES COULD REDUCE DUBLIN'S FOSSIL FUEL BILL BY ALMOST **€1B/YR**

## POLICY RECOMMENDATIONS FOR HEAT

**Evidence-based zoning**

should be introduced for district heating



**Fair treatment**

of low-carbon heat in Part L building regulations



**Make financial support**

more easily available for low-carbon heat solutions

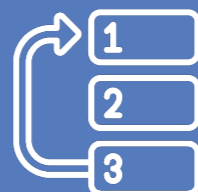


**Support capacity building**

across the supply chain

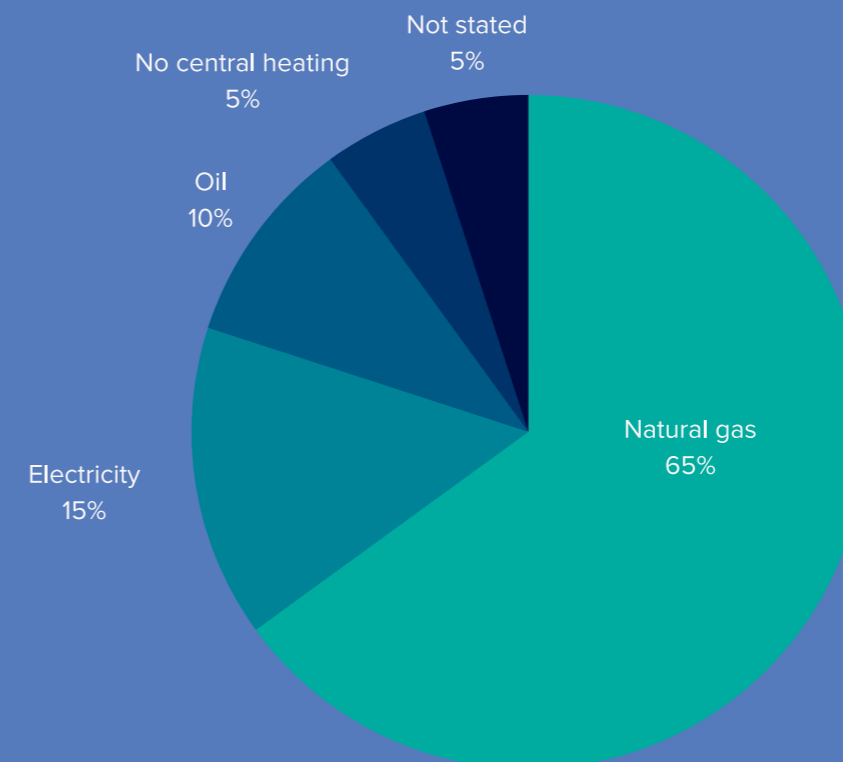
**Protect customers**

to ensure fair heat prices and good service



**Prioritise efficiencies**

Fuels like natural gas and hydrogen should not be used if more efficient, lower-carbon alternatives exist



**BREAKDOWN OF CURRENT HEATING TECHNOLOGIES IN DUBLIN**