

# Wind Generation in Ireland

2018



# Overview

Energy Overview



Renewable Targets



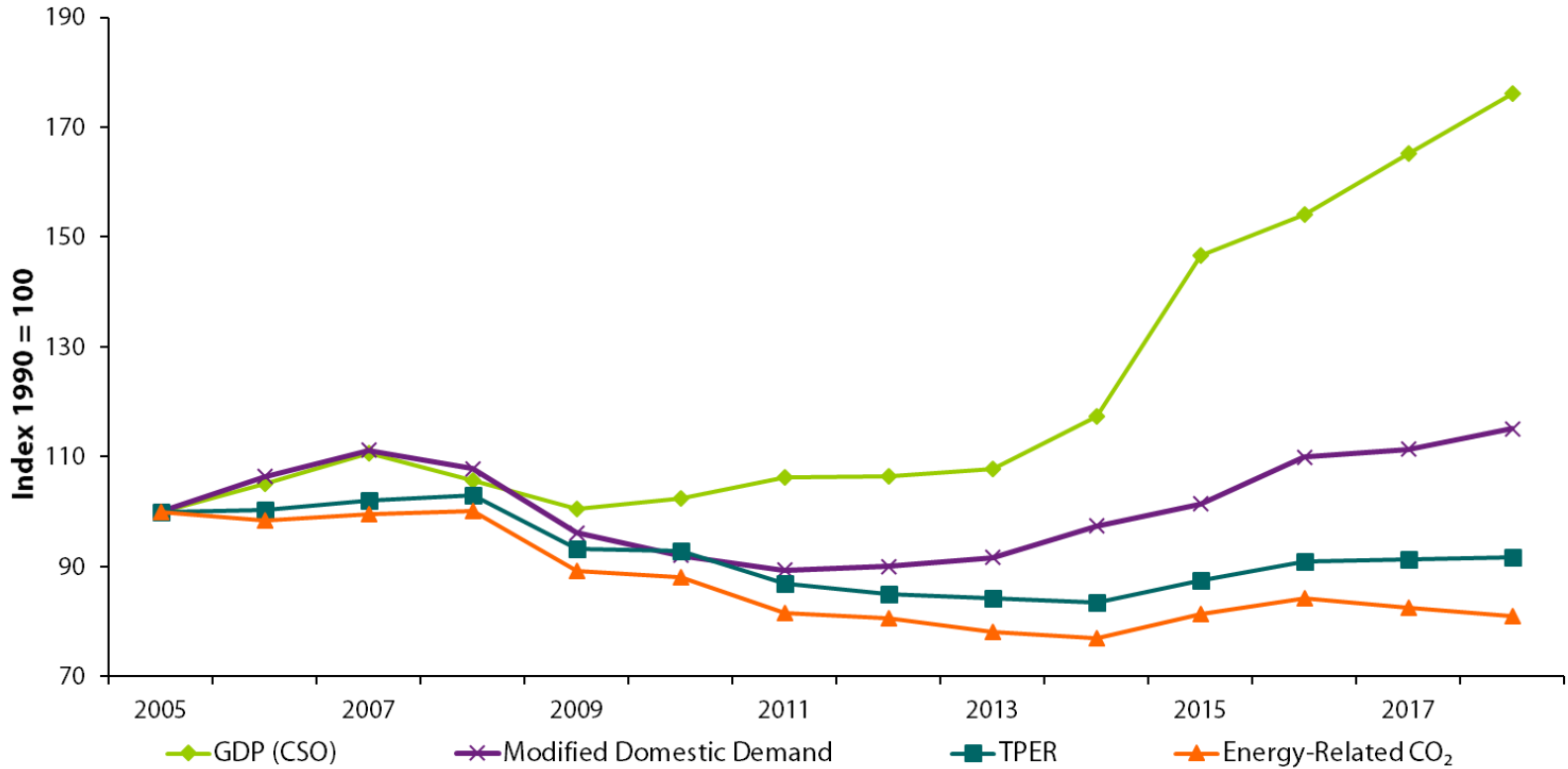
Wind and Electricity Generation



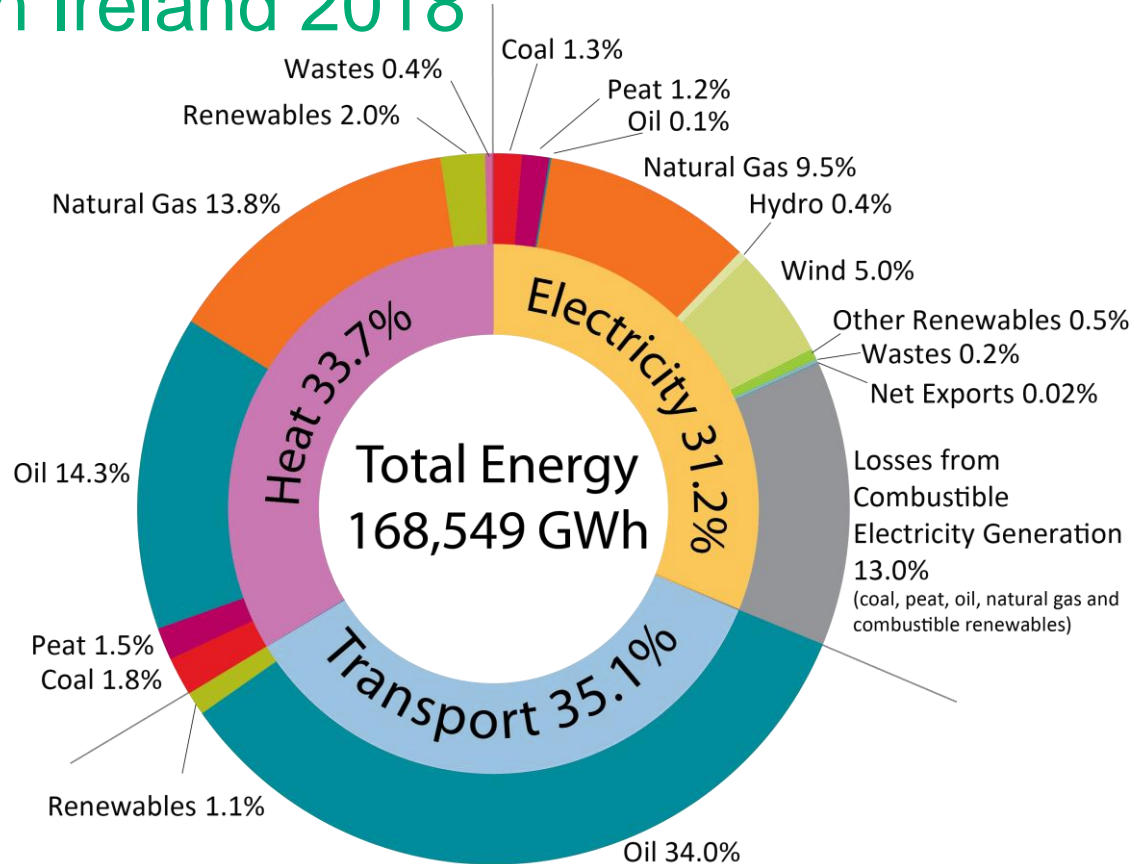
Avoided Emissions



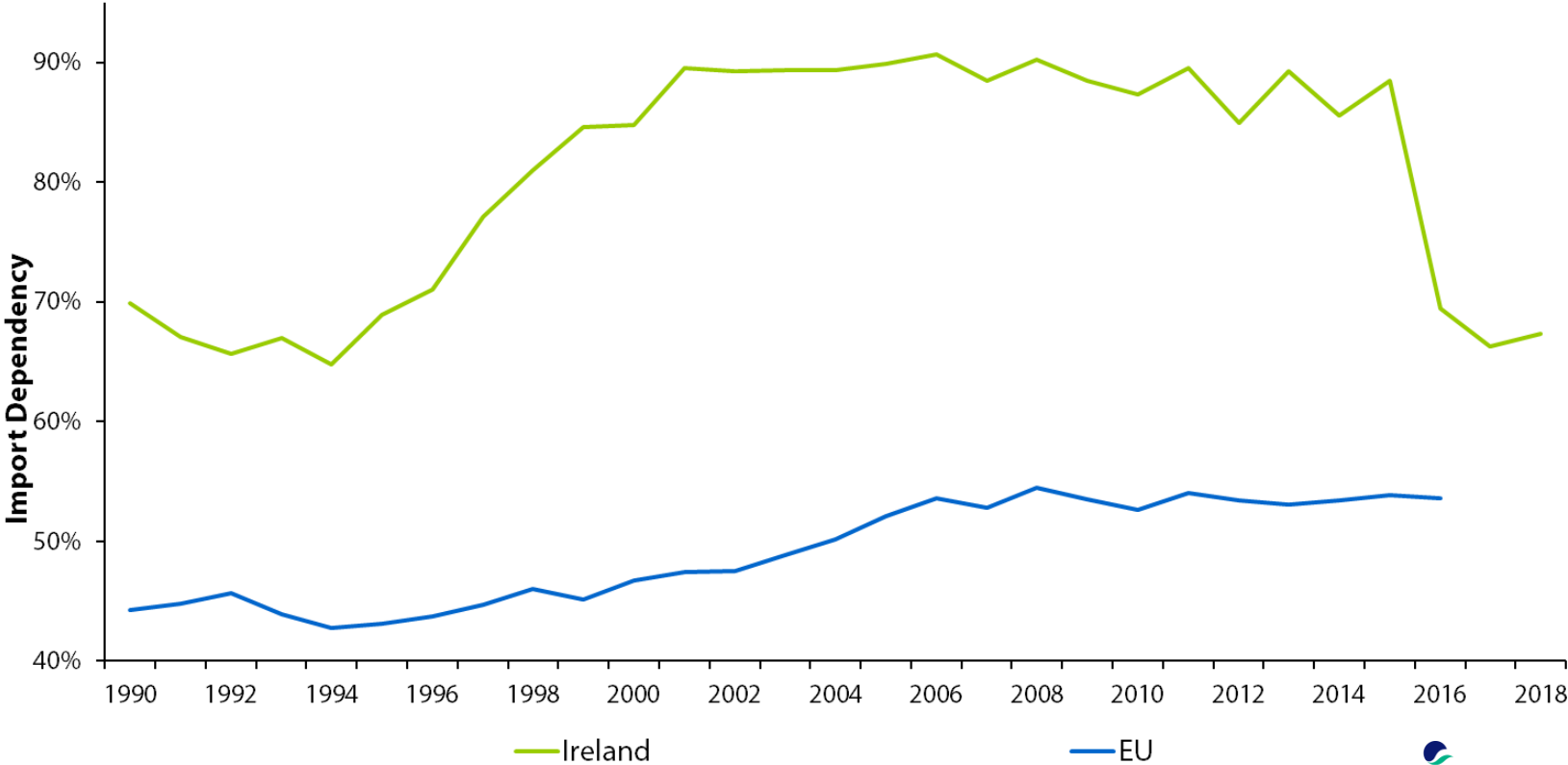
# Economy, Energy and Energy CO<sub>2</sub>



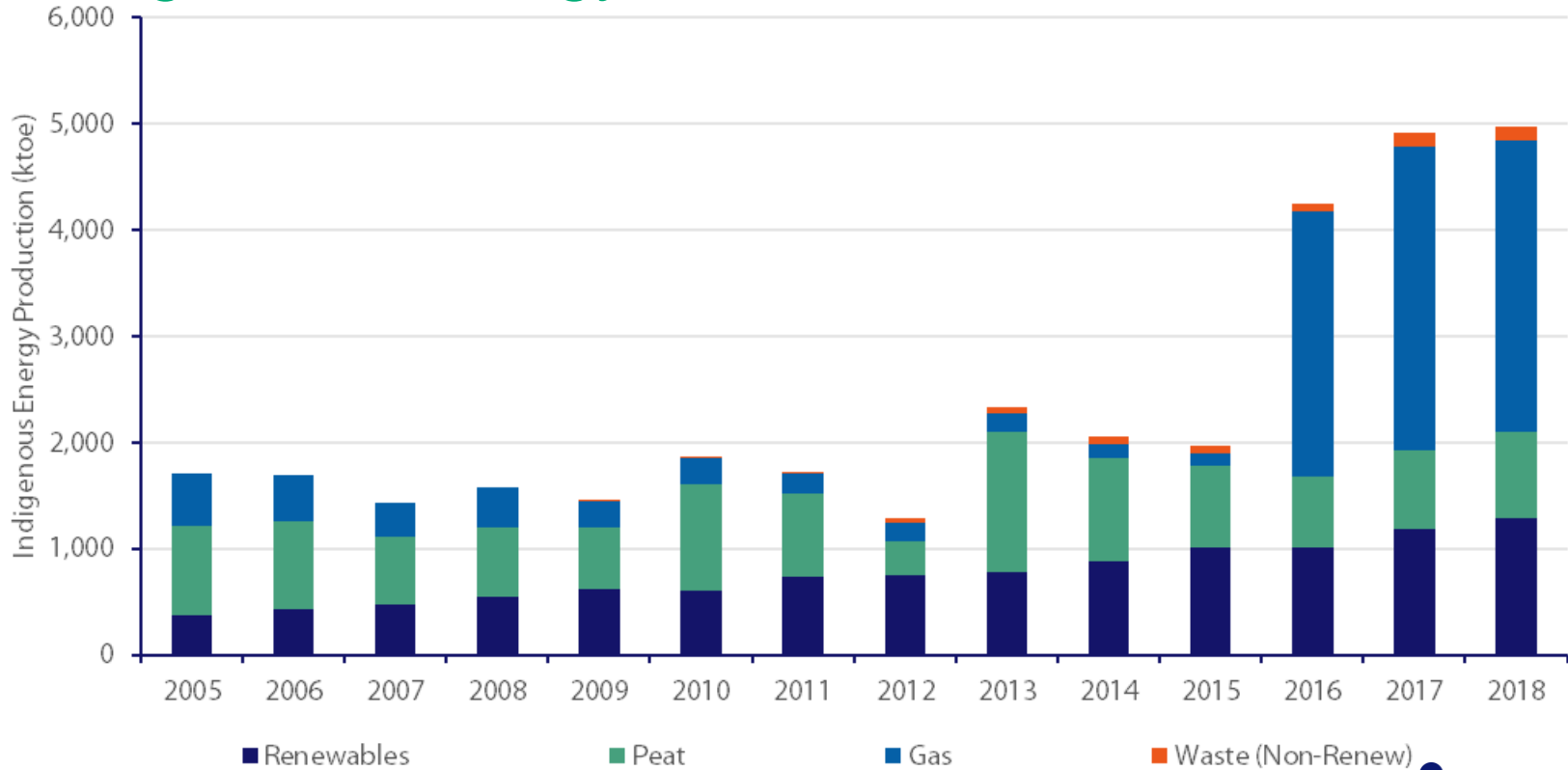
# Energy in Ireland 2018



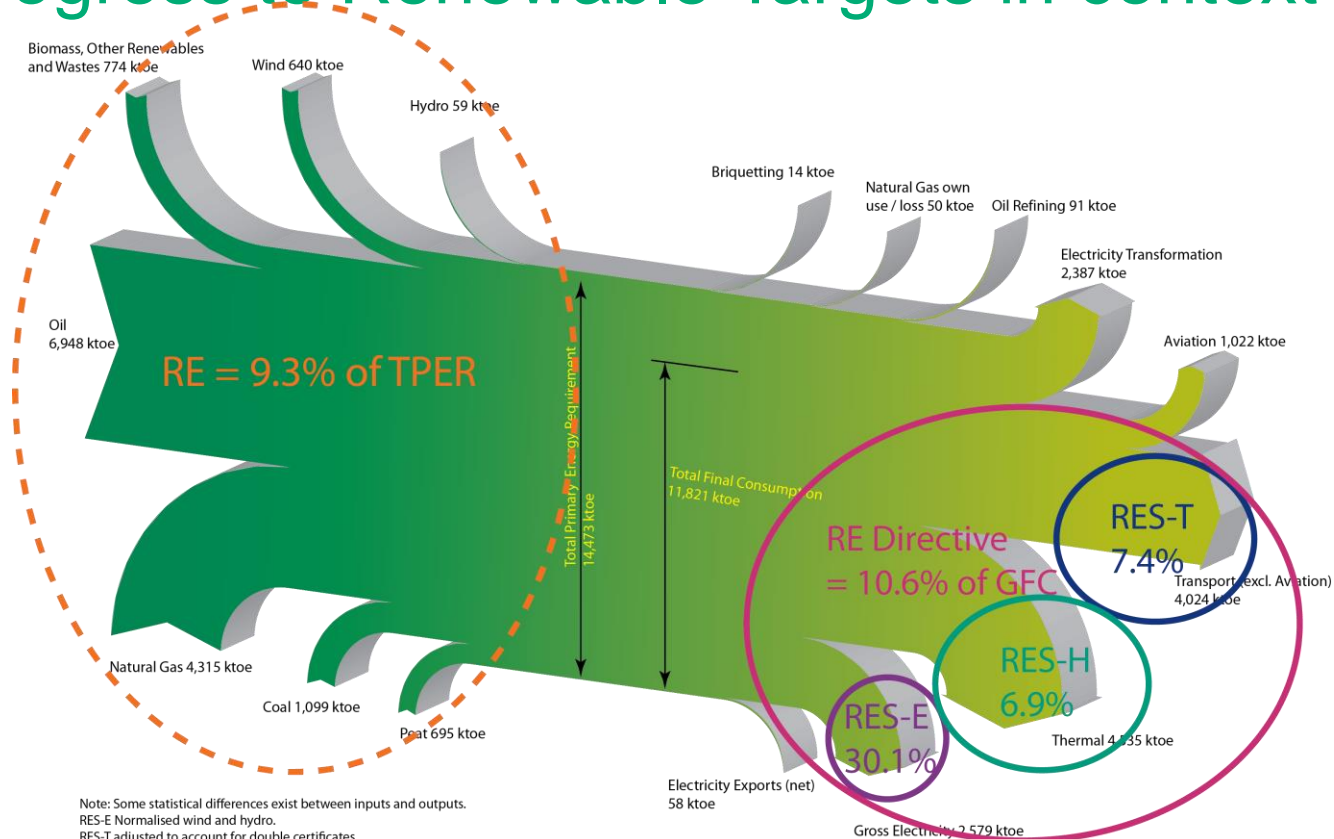
# Import Dependency



# Indigenous Energy Production

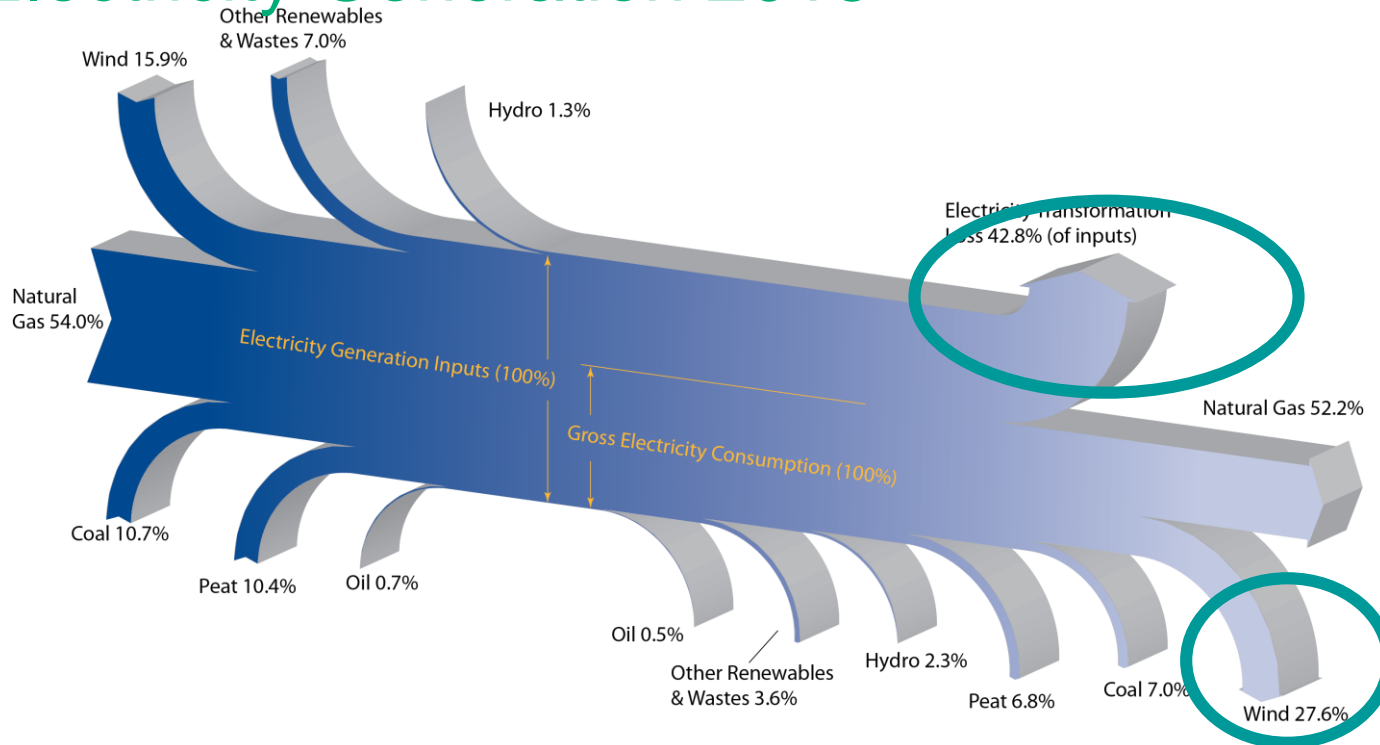


# Progress to Renewable Targets in context 2017



Note: Some statistical differences exist between inputs and outputs.  
 RES-E Normalised wind and hydro.  
 RES-T adjusted to account for double certificates

# Electricity Generation 2018

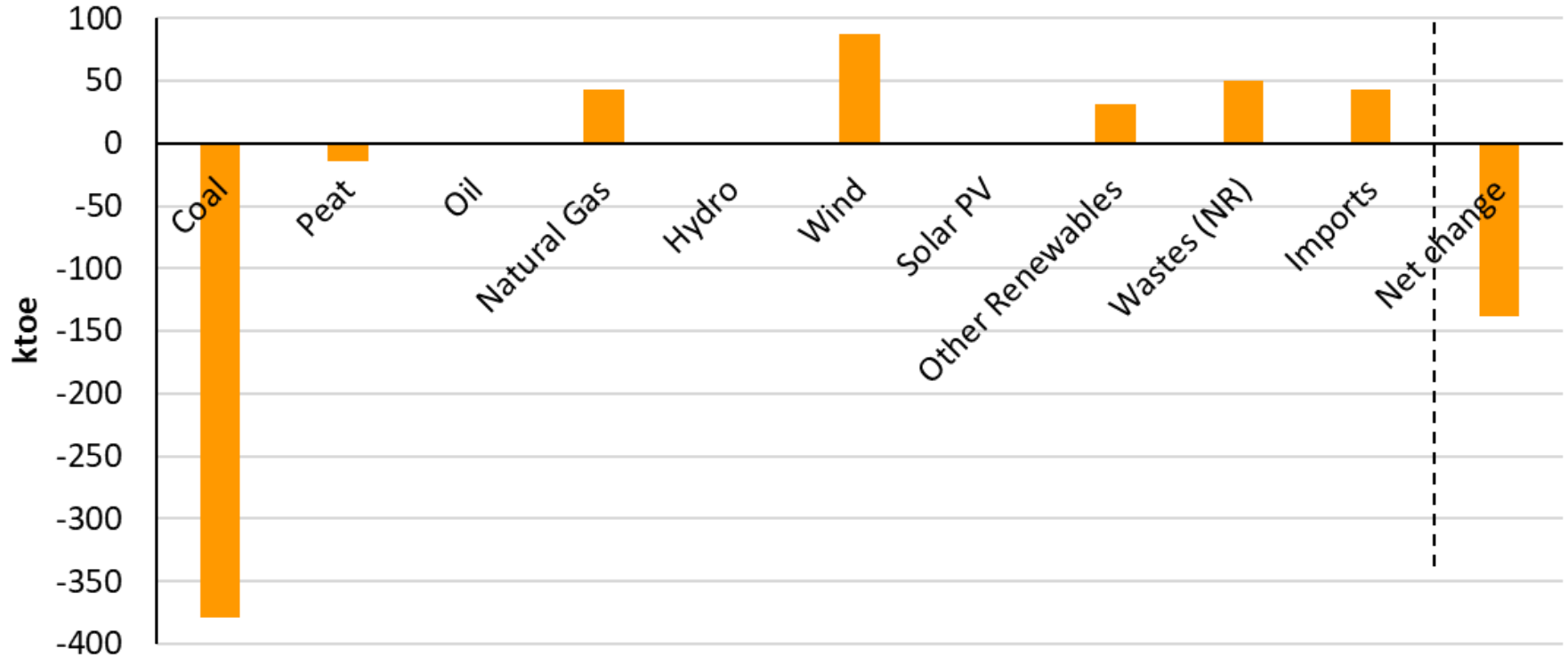


Note: Some statistical differences and rounding errors exist between inputs and outputs. Percentages of inputs on the left refer to percentages of total inputs. Percentages of output, with the exception of electricity transformation loss, refer to percentages of gross electricity generated.

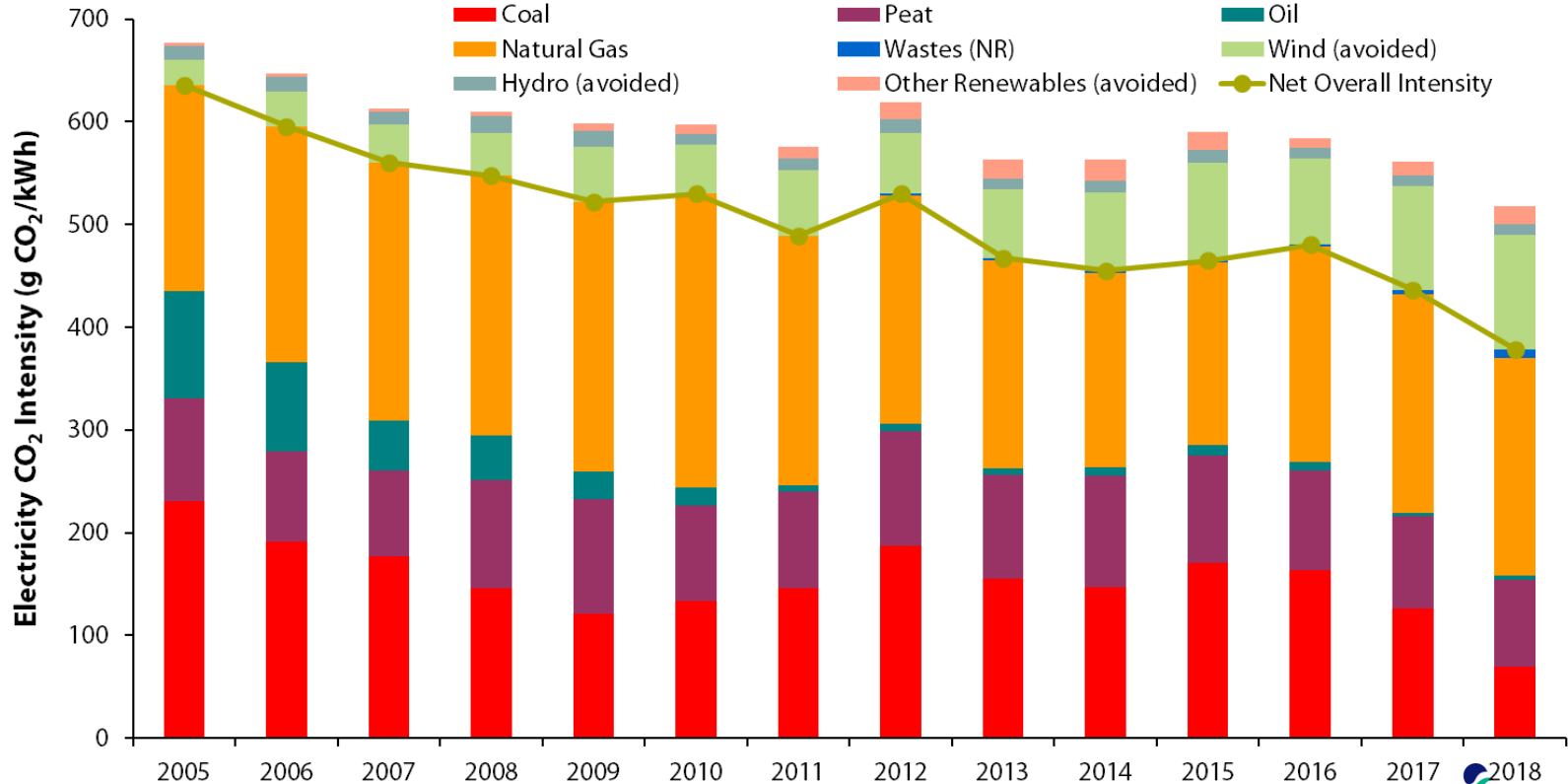
Renewables as percentage of gross electricity consumption = 32.5%  
 Renewables as percentage of gross electricity consumption (normalised) = 33.2%  
 CHP as percentage of total electricity generation = 7.2%



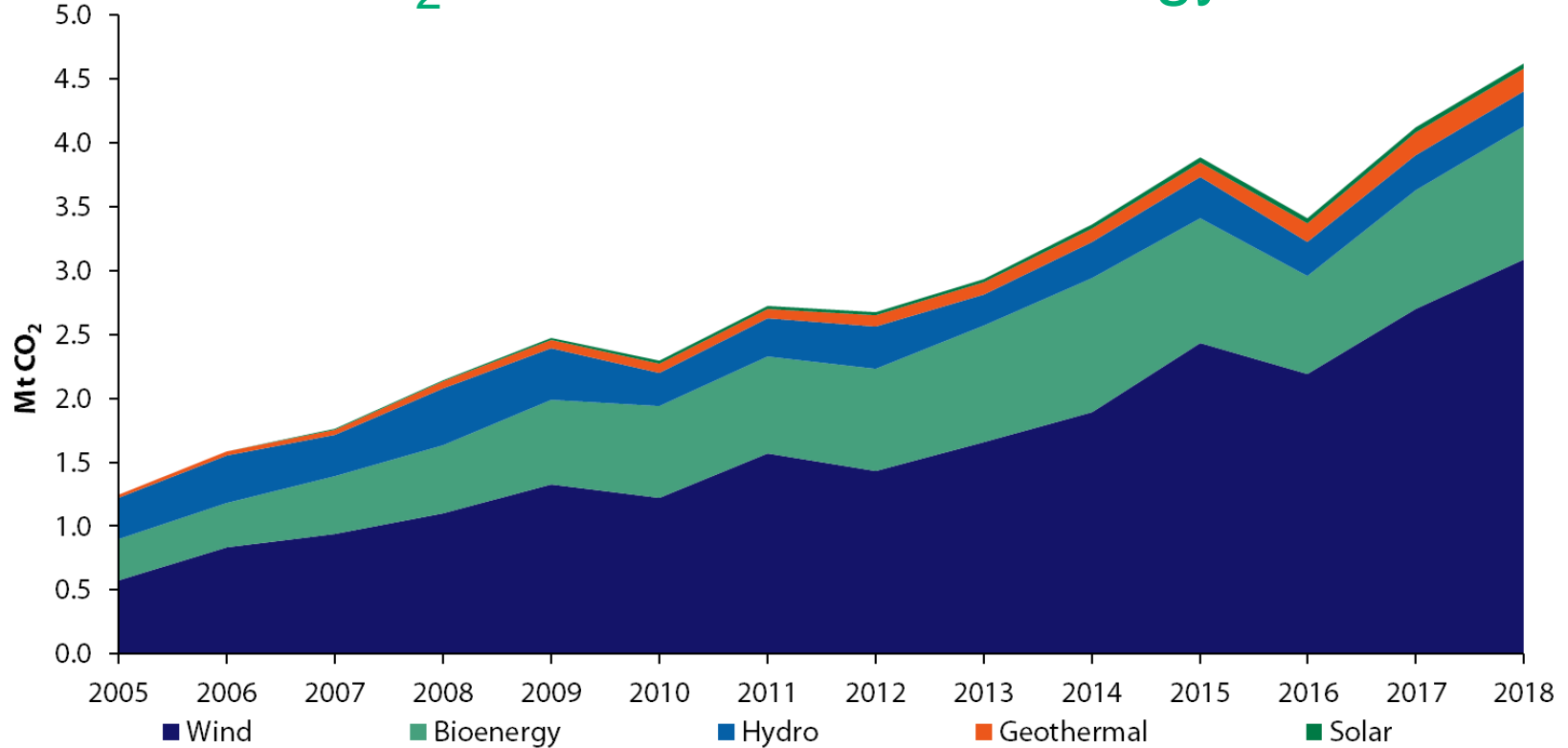
# Change in energy inputs to Electricity 2017/2018



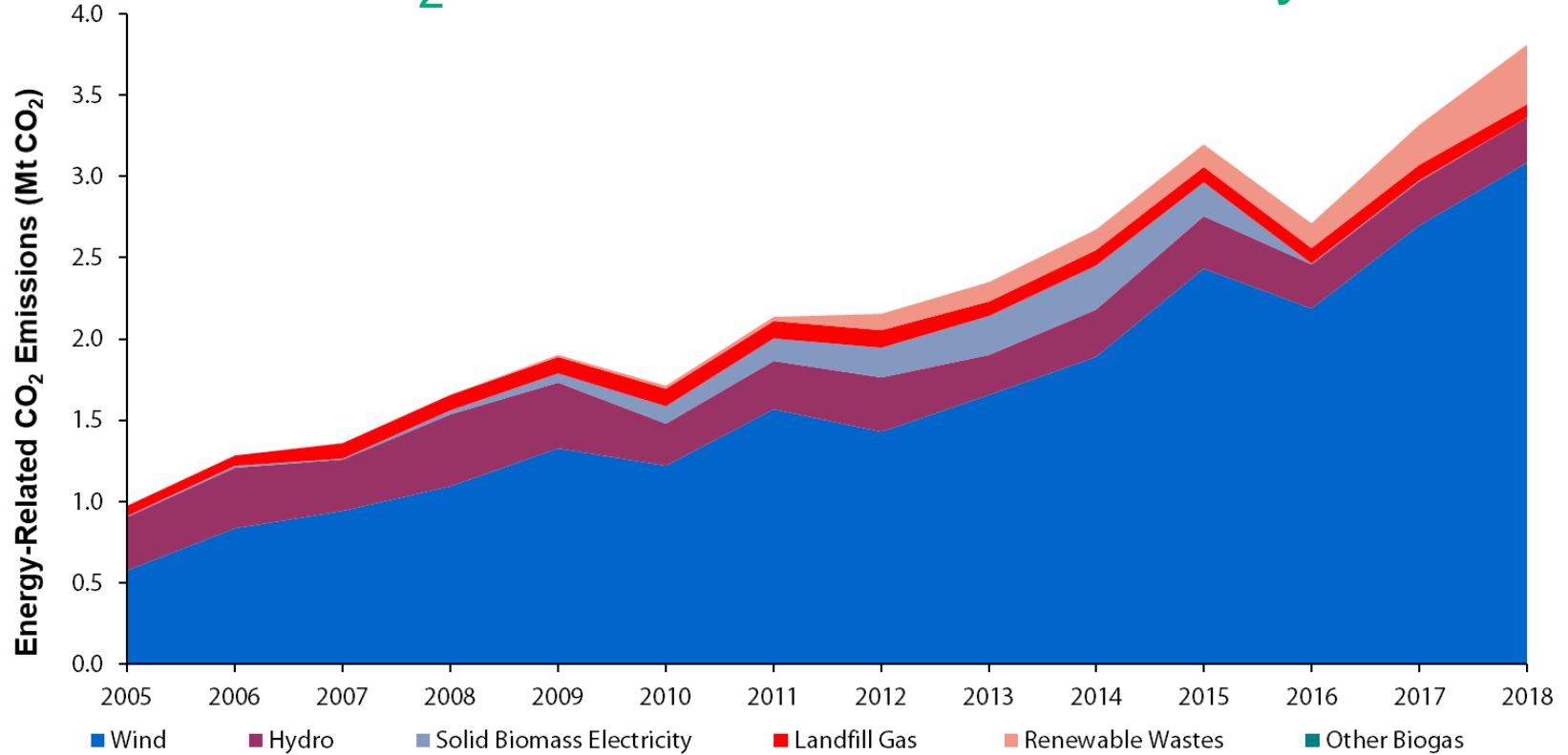
# CO<sub>2</sub> intensity of Electricity



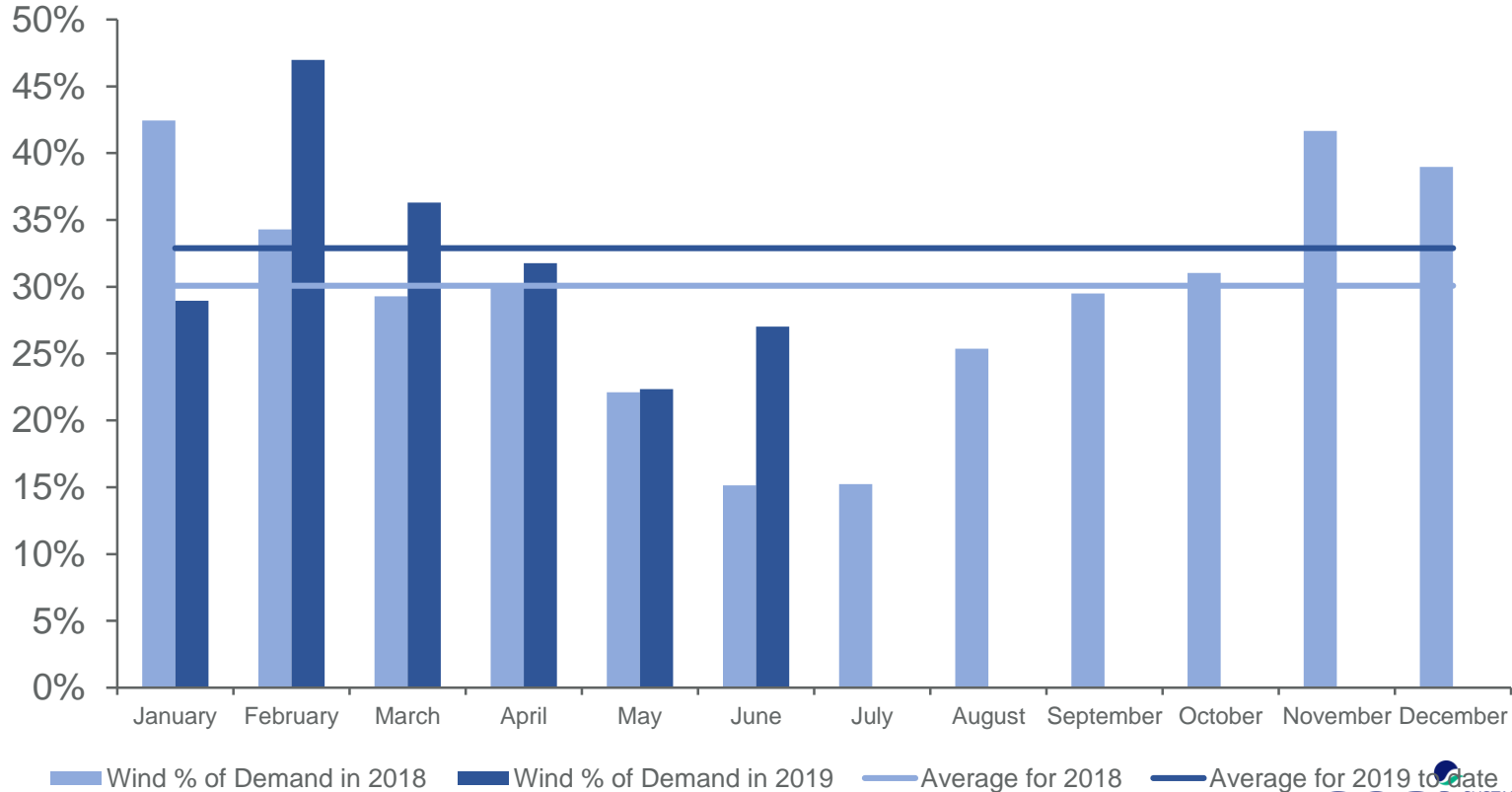
# Avoided CO<sub>2</sub> from Renewable Energy in 2018



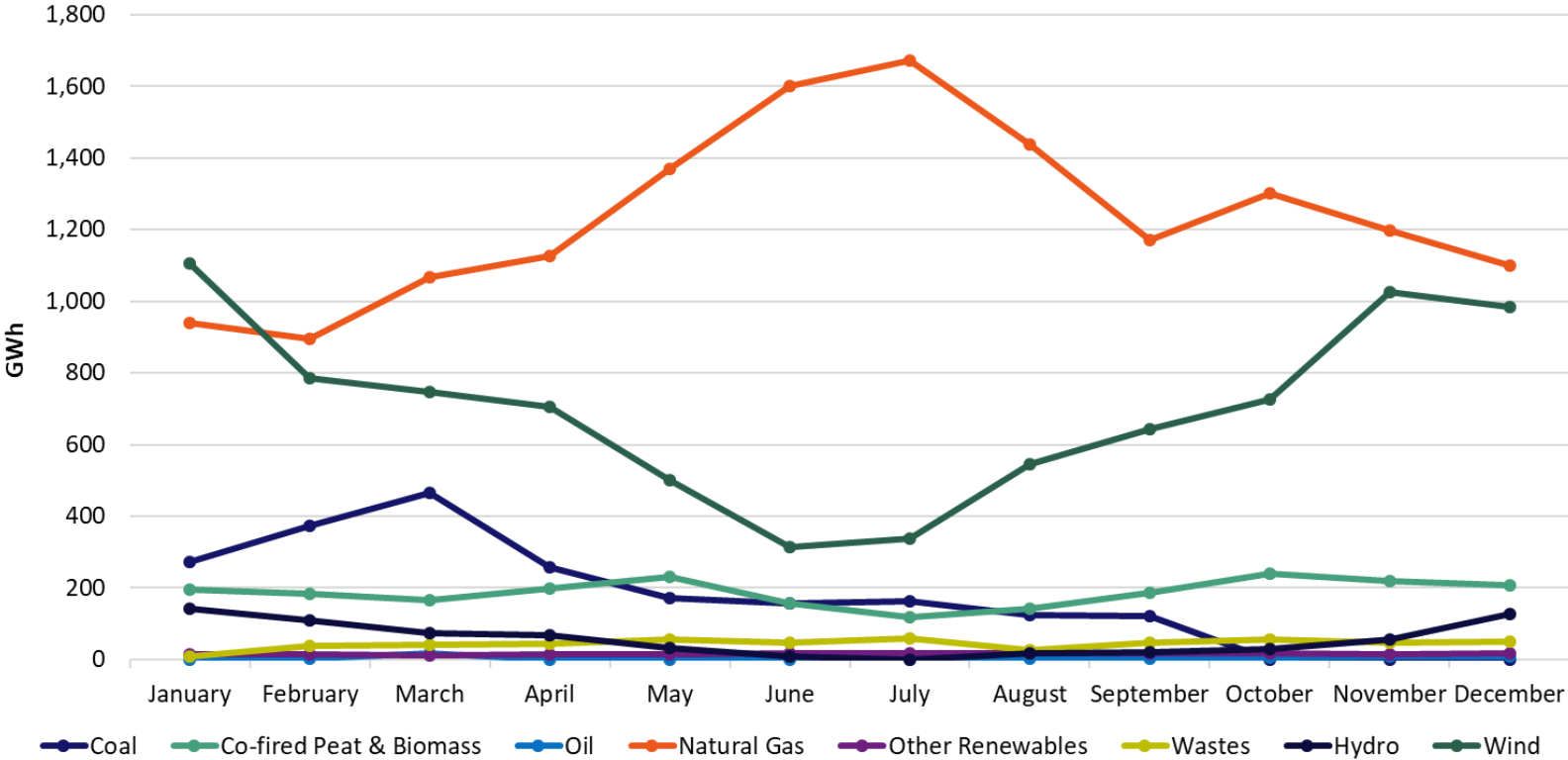
# Avoided CO<sub>2</sub> from Renewable Electricity



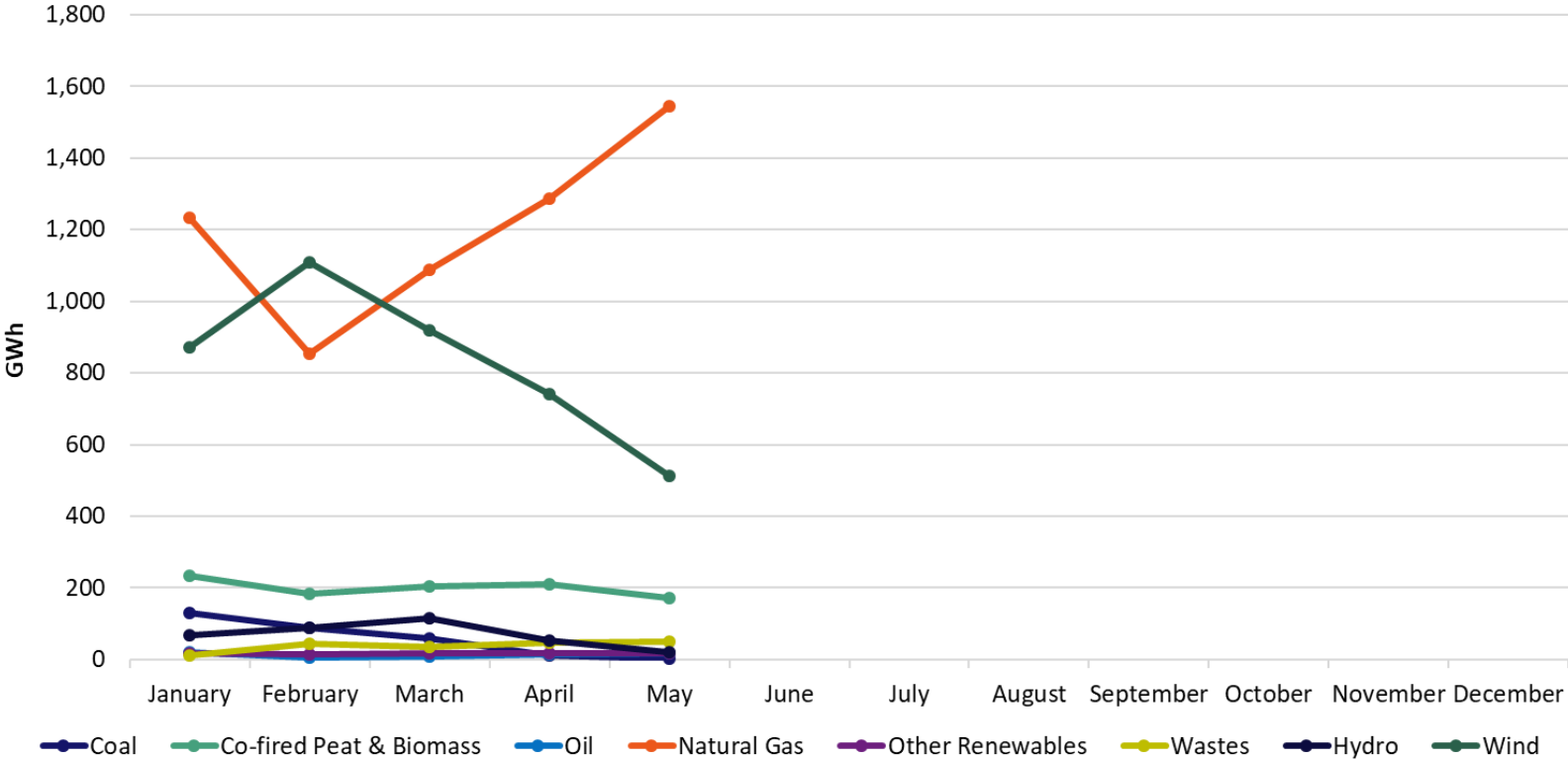
# Monthly Wind % of Electricity Demand 2018/'19



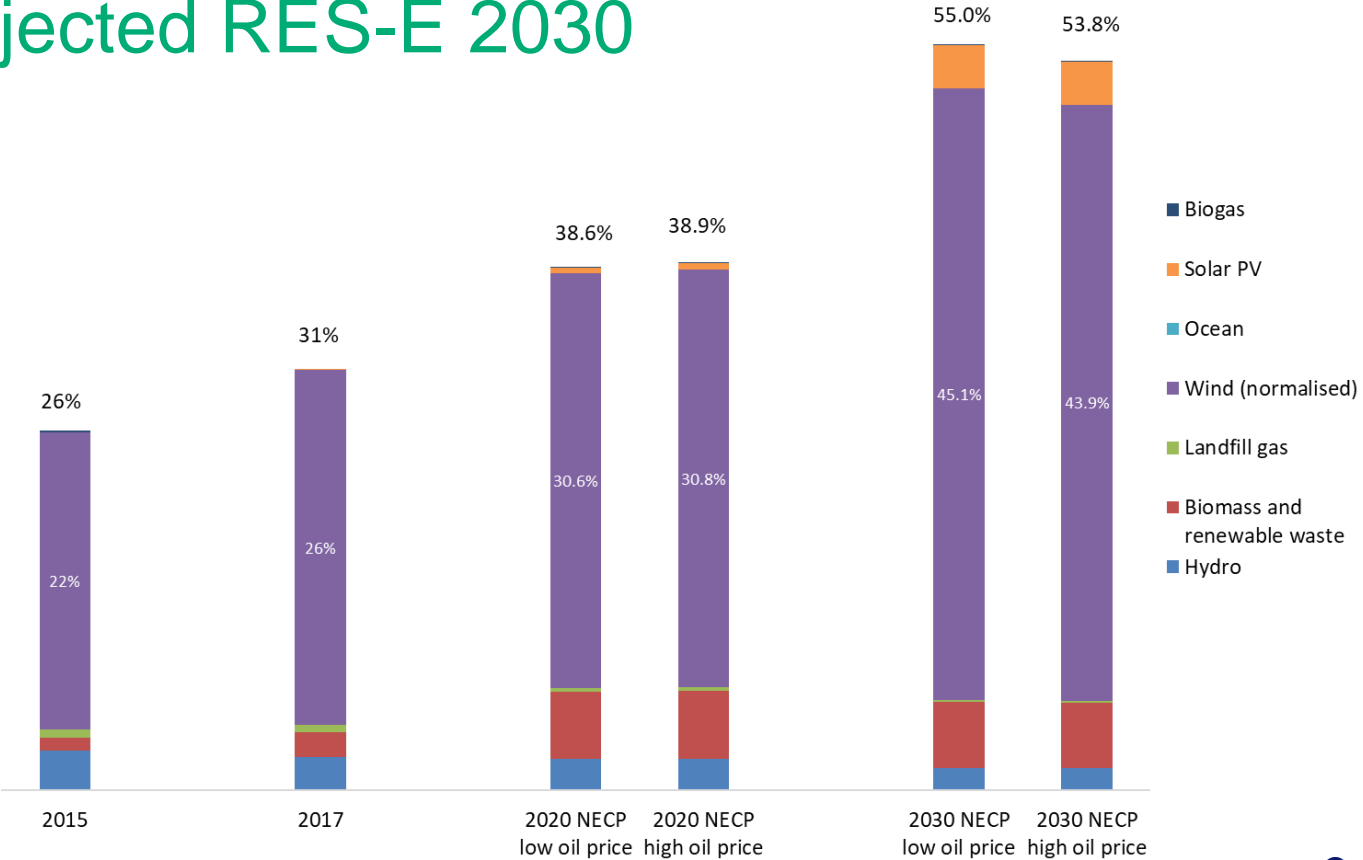
# Monthly Electricity Generation 2018



# Monthly Electricity Generation 2019



# Projected RES-E 2030





# Thank You



*The Sustainable Energy Authority of Ireland is partly financed by Ireland's EU Structural Funds Programme co-funded by the Irish Government and the European Union.*