

King's Lynn & West Norfolk CO₂ Emissions, 2018

Borough Council of
King's Lynn &
West Norfolk



Background

The Department of Business, Energy and Industrial Strategy (BEIS) release yearly local authority area CO₂ emissions estimates. These yearly estimates are always two years behind the current year.

Therefore, the most recent estimates are for 2018.

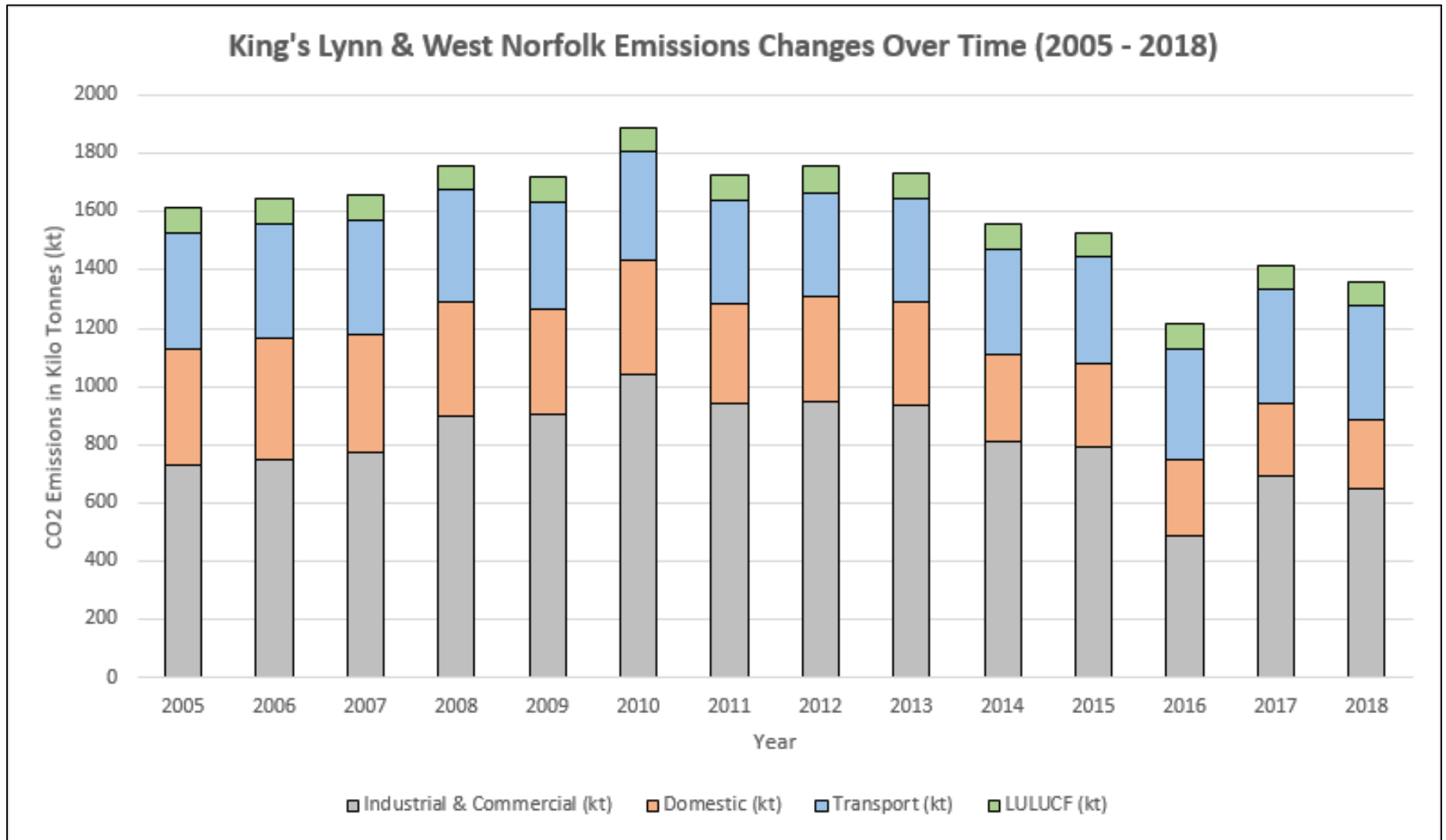
CO₂ emissions are split into four sectors:

- Industry and Commercial
- Transport
- Domestic
- Land Use, Land Use Change & Forestry (LULUCF)

General methodological changes have led to revisions of all previous year's emissions (from 2005). For example, the 2017 data release showed LULUCF emissions in 2005 as 77.2 kt CO₂. The new 2018 methodology now puts 2005 LULUCF emissions at 90 kt CO₂.

Revised historical emissions have seen large increases in historical LULUCF emissions by between 9.7 kt CO₂ and 13.3 kt CO₂.

Trend



Trend Overview

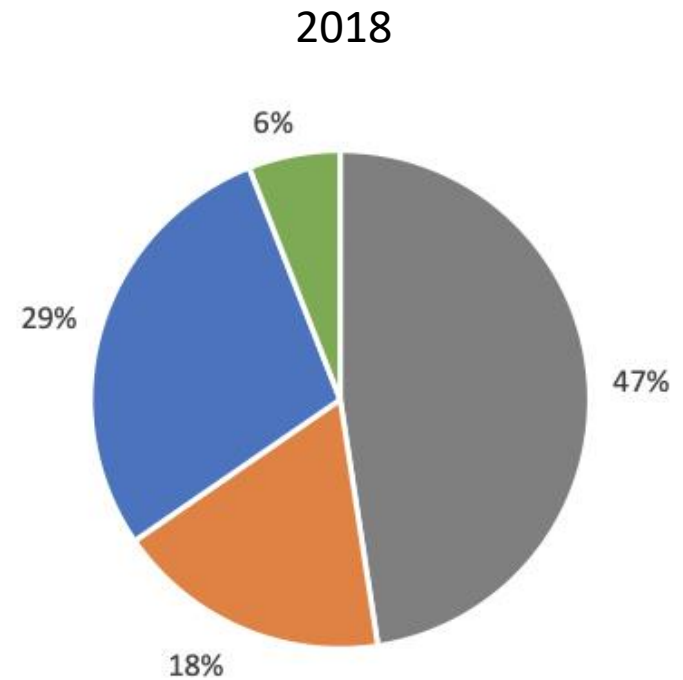
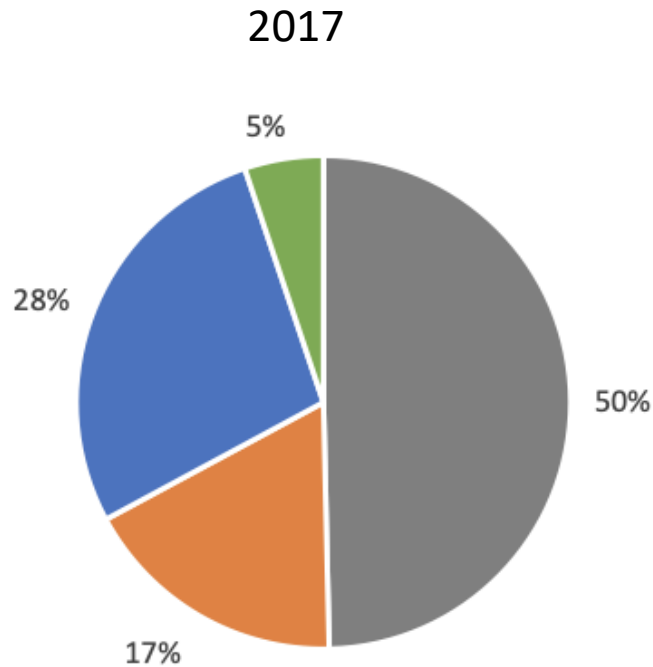
1,359.7 kt
CO₂ in 2018

Per Capita:
9.0 t CO₂ in
2018

3.88% (3.9%)
reduction
from 2017.

- King's Lynn and West Norfolk Emissions Increased from 2005, peaking in 2010 with 1,889.1 kt CO₂ emitted.
- Since 2010, there has been a general decreasing trend, apart from 2017 when emissions rose from their 2016 all-time low of 1,215.1 kt CO₂.
- Emissions in 2018 were 1,359.7 kt CO₂, a 3.9% reduction from 2017's emissions of 1,414.6 kt CO₂.

Sector Percentage Breakdown



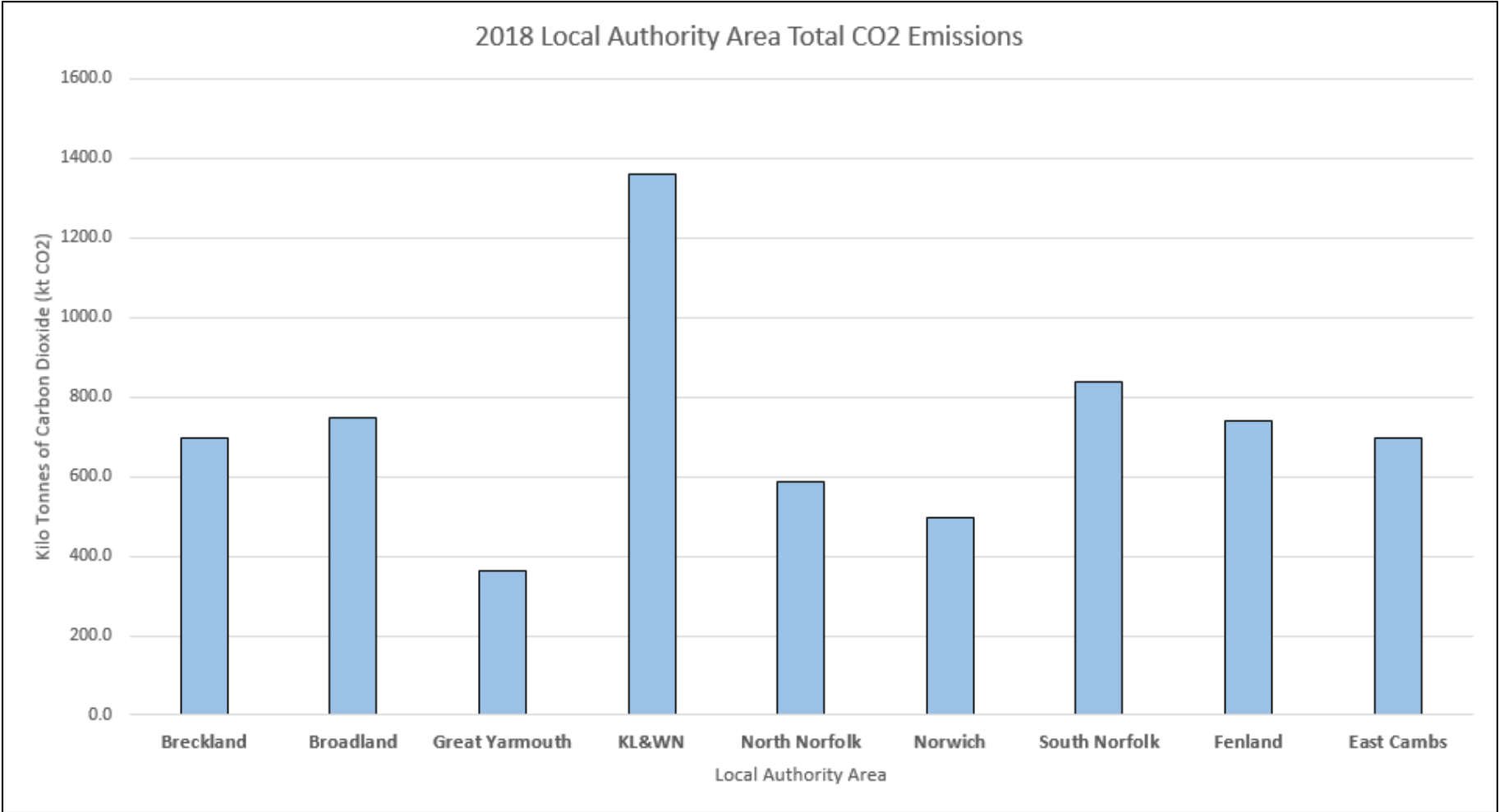
■ Industry & Commercial

■ Domestic

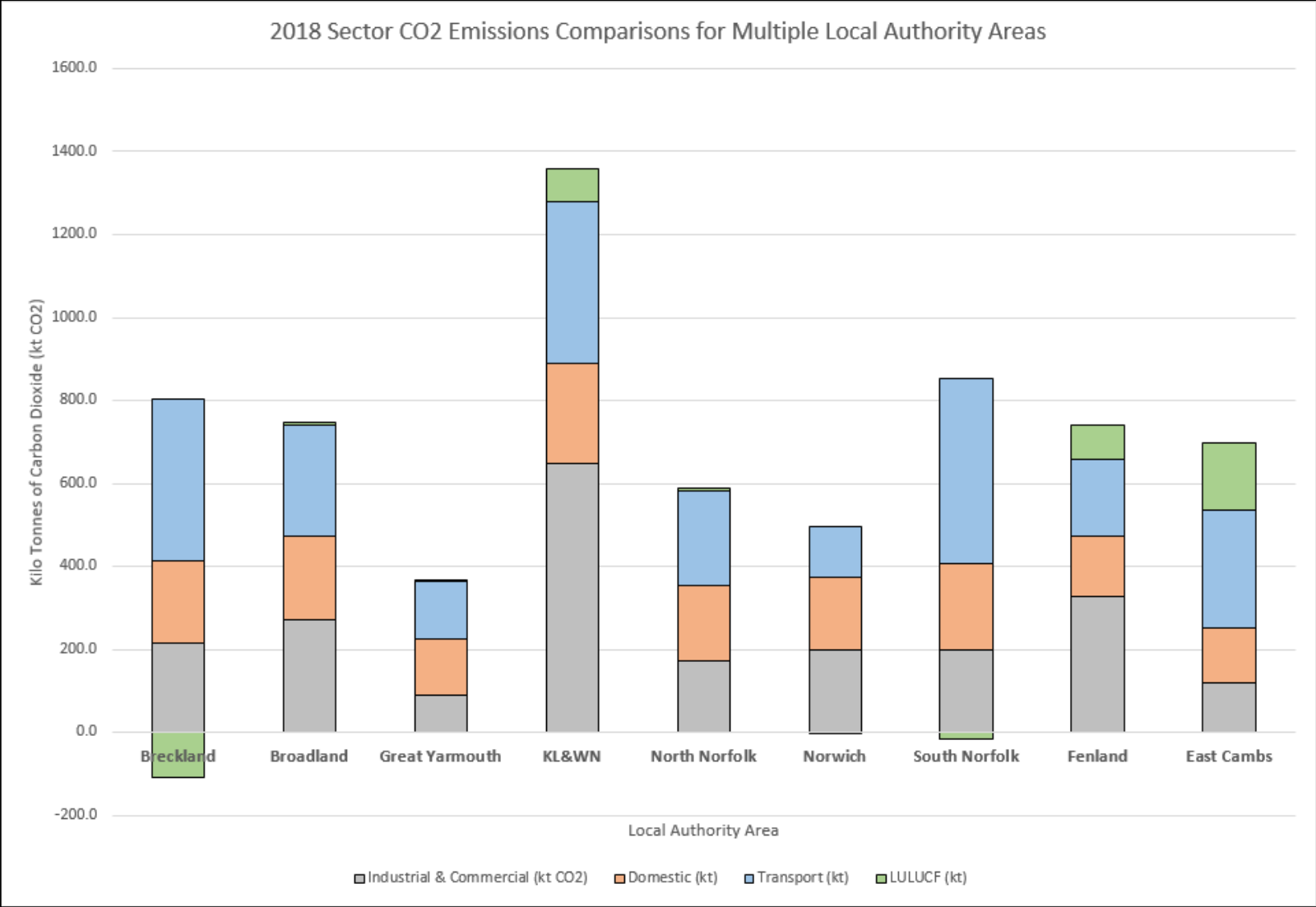
■ Transport

■ LULUCF

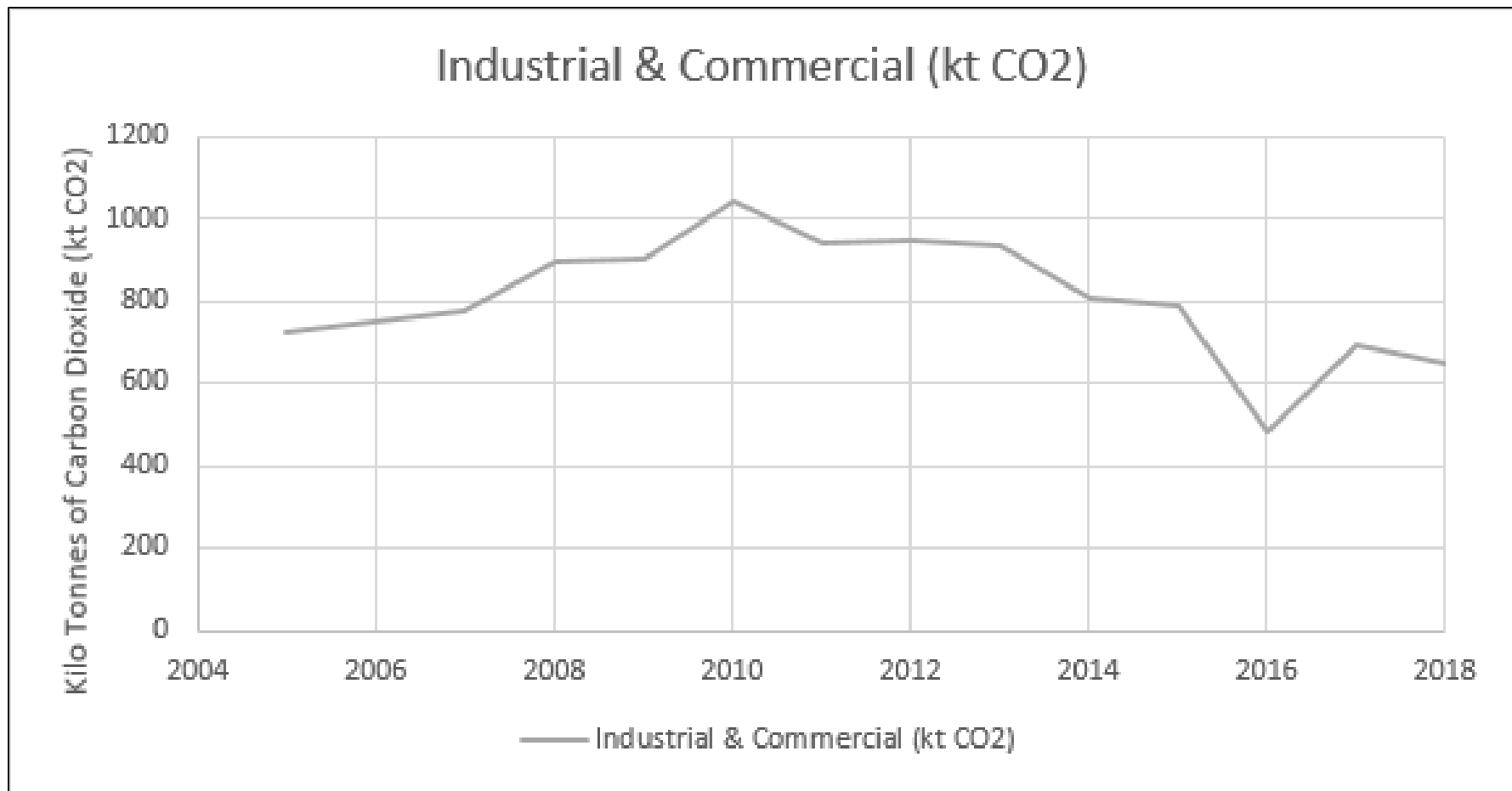
KL&WN Comparisons



KL&WN Comparisons



Industry and Commercial



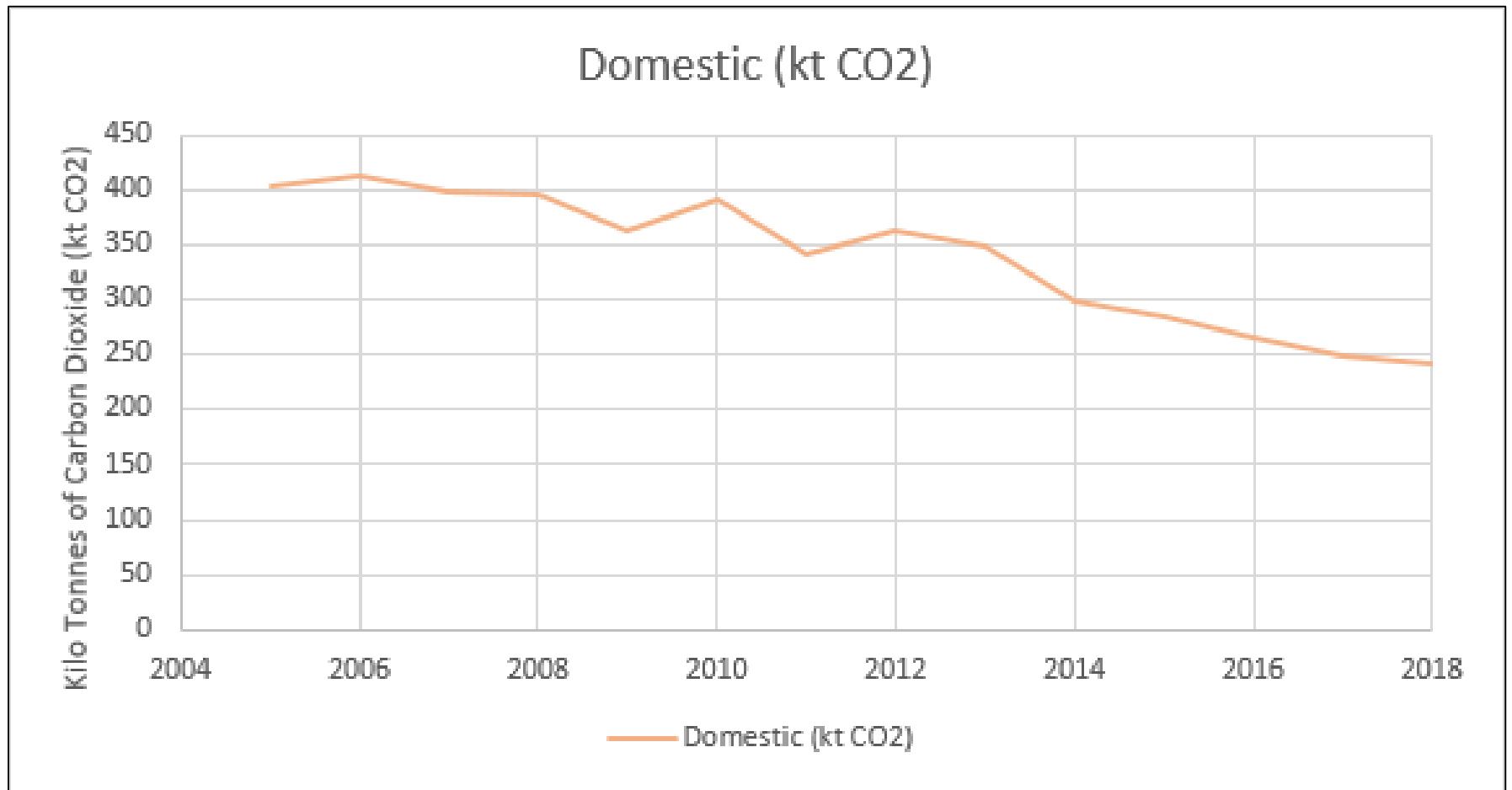
Industry and Commercial

Sector	Sector Split	kt CO2
Industrial and Commercial (kt)	Electricity	142.6
	Gas	400.7
	Large Industrial Installations	30.4
	Other Fuels	45.1
	Agriculture	28.2
	Total	647.0

47% of King's Lynn & West Norfolk Emissions

6.51% (6.5%) reduction from 2017.

Domestic



Domestic

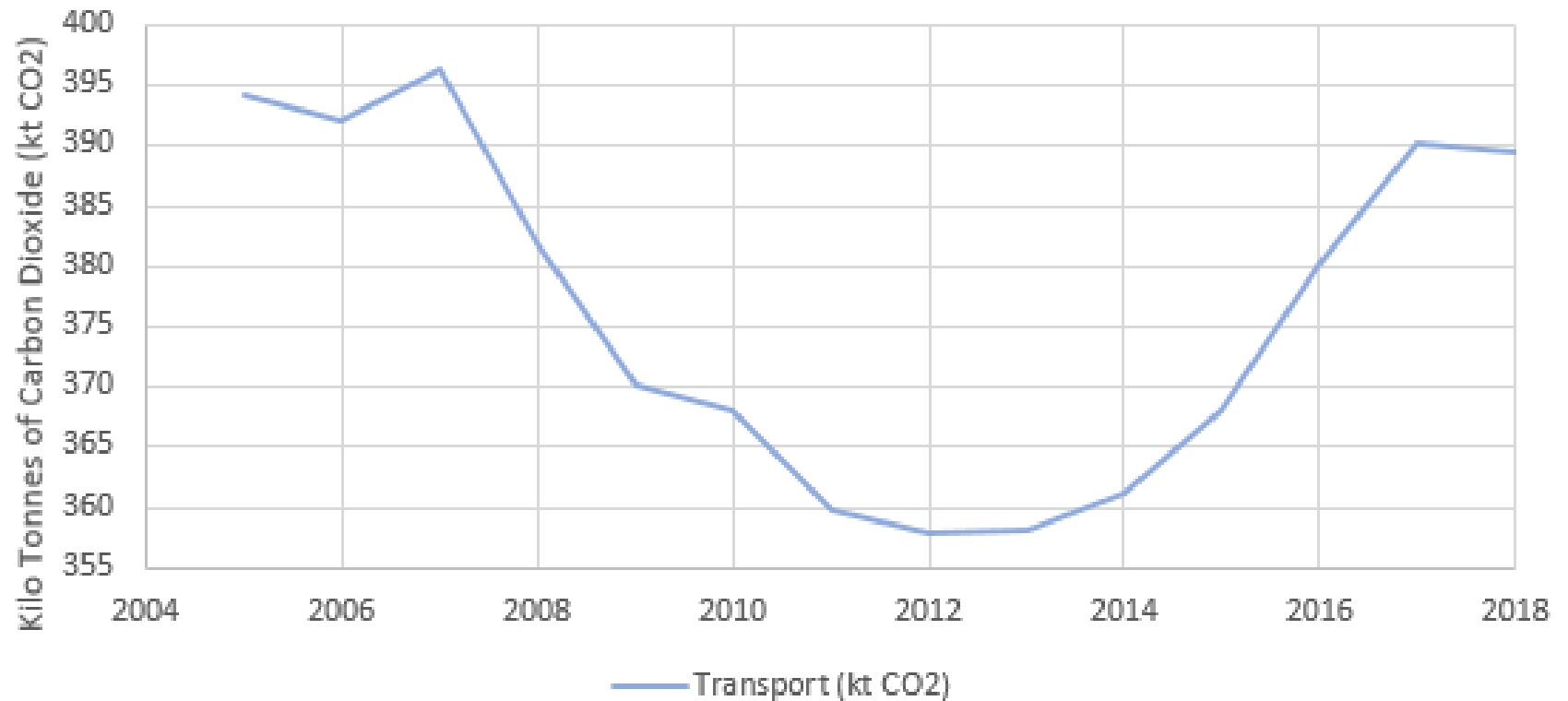
Sector	Sector Split	kt CO2
Domestic (kt)	Electricity	77.9
	Gas	87.0
	Other Fuels	77.4
	Total	242.3

18% of King's
Lynn & West
Norfolk
Emissions

3.13% (3.1%)
reduction from
2017.

Transport

Transport (kt CO₂)



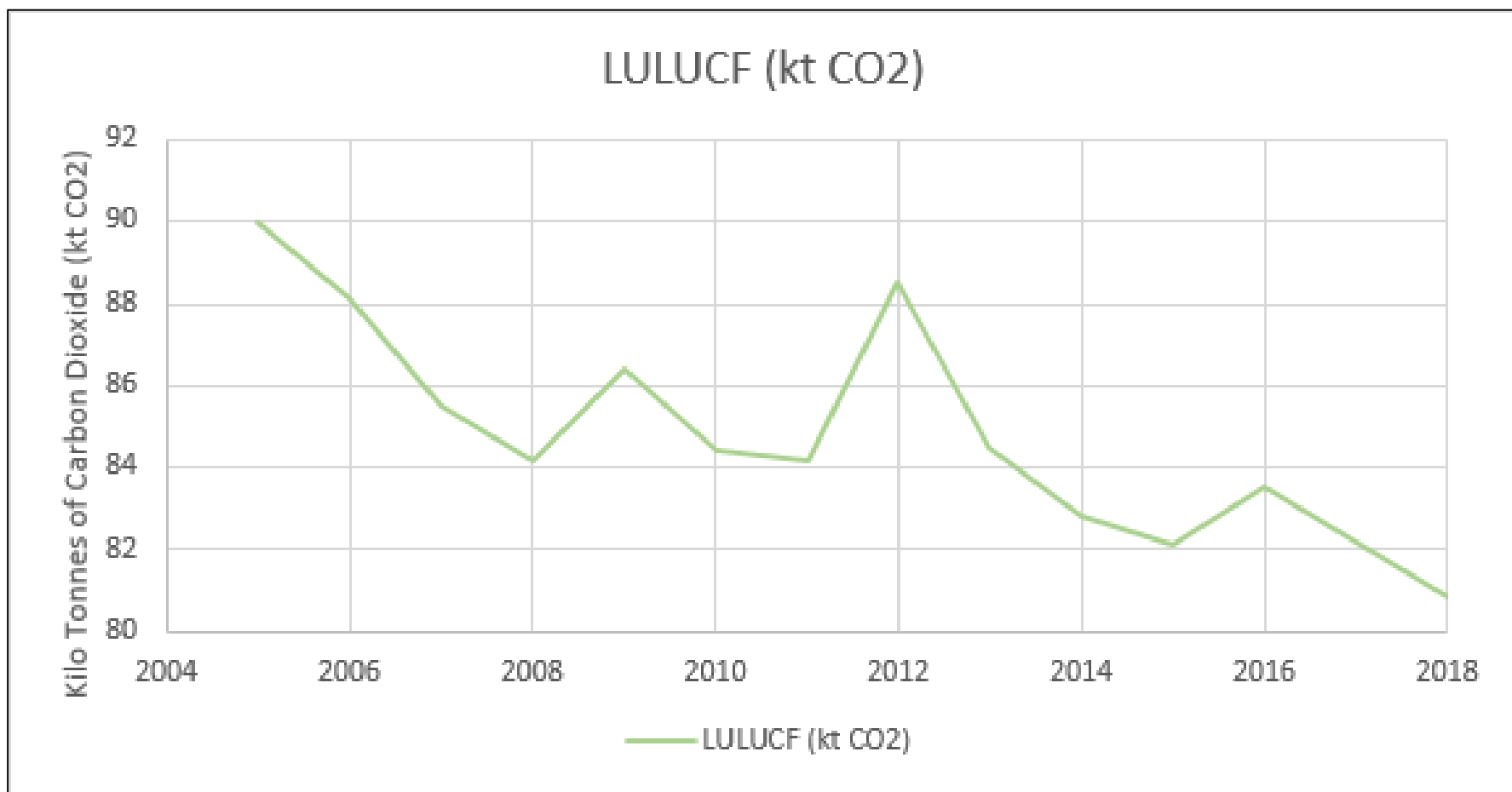
Transport

Sector	Sector Split	kt CO2
Transport (kt)	A Roads	215.3
	Motorways	-
	Minor Roads	162.1
	Diesel Railways	0.1
	Other	12.1
	Total	389.5

29% of King's
Lynn & West
Norfolk
Emissions

0.17% (0.2%)
reduction from
2017.

LULUCF



LULUCF

Sector	Sector Split	kt CO2
Land Use, Land Use Change & Forestry (LULUCF) (kt)	Forest	-82.1
	Cropland	170.9
	Grassland	-32.5
	Wetlands	-
	Settlements	24.6
	Harvested Wood Products	-
	Net Emissions: Total	80.9

6% of King's Lynn & West Norfolk Emissions

1.64% (1.6%) reduction from 2017.