

## Reduction plans

In line with our energy management plans, the business has set the goal of a three per cent reduction, year on year, in its energy consumption.

Having such a target remains challenging due to the type and make-up of the projects that Sisk undertakes. Our focus will therefore be our Significant Energy Uses, particularly the combustion of fuel in generators and the management of our vehicle fleet.

Reduction plans will ensure that, where mains power is not available, consideration is given to alternative power sources over generator supply. Our first solar powered (hybrid) site will be online in September 2018. Our specification and procurement processes will ensure that where generators are required that they are correctly sized for the demand. We have already taken steps to minimise the impact our UK car fleet has in terms of emissions. All new vehicles in the UK will produce a maximum of 130g/km.

In addition, all drivers are being provided with driver awareness training which will burn less fuel and promote safer travelling on the roads. We also continue to measure and monitor our energy consumption on a monthly basis through use of the SmartWaste tool. We have set carbon intensity targets for our business, taking into account different workstreams.

Recognising the energy intensive nature of our civil engineering operations, which see heavy plant use, a higher target has been established for internal reporting purposes. The overall group target incorporates all UK and Ireland business unit operations, including the civil engineering business and is measured, reported and reviewed on a monthly basis.

# Our Sectors

## Healthcare



## Residential



## Data & ICT



## Life Sciences



## Advanced Manufacturing



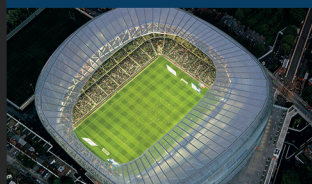
## Transport



## Commercial



## Sports & Leisure



## Education



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Established 1859

### Metric

### kg CO2/£100k

Group Target for 2018

< 2000

Civils BU as subset  
of Group

< 4000

Average

>2000 to < 3000  
(>4000 to <6000)

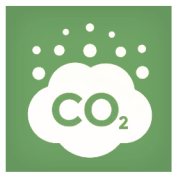
Below expectations

≥ 3001 (≥6000)



Carbon Inventory  
Disclosure Report  
statement 2017





# It is now well recognised that human activity - and the use of fossil fuels in particular - can have a detrimental impact on the environment and contribute to global warming.

This is our first disclosure statement and summary report on our carbon emission. This report draws on the practices and protocols put in place to support our ISO 50001 (Energy Management) and ISO 14001 (Environmental management) standards and certification.

## Our Mission

Sisk's mission is to be recognised as a sustainable and stable business, putting stakeholders, the community and the environment at the forefront.

This is underpinned by our broad sustainability strategy which carries the following objectives:

- To efficiently use energy and resources, and
- Promote carbon efficiency

To enable us to deliver these objectives, we need to be able to accurately measure and report our carbon performance. This statement is Sisk's first carbon inventory report and sets out our carbon emissions for 2017 and looks at ways to reduce our impact in the future.

## Scope and Boundary

Sisk is an innovative, international, engineering and construction company, employing 1,300 people across operations in Ireland, the UK and Europe.

The company has the track record, scale and capacity to successfully undertake large, complex, multidisciplinary programmes and is recognised by its global customers as world leaders in safe delivery. A progressive business with a long term vision, it has been operating since 1859 and is Ireland's number one provider of construction services.

The data presented in this report relates to our UK and Irish operations only, excluding European operations at this time.

Furthermore, the operational control consolidation approach has been used to account for operational emissions. Reference to the methodology described in the GHG Protocol and ISO 14064-1:2006 standards has been made and applied; at this time our results have not been externally verified.

## Base year

While Sisk has been measuring and recording its energy and carbon emissions for several years, this is the first time that the principles as set out in ISO 14064 have been applied and therefore, 2017 is considered as our base year for future comparisons and reporting. The measurement period is 1 January 2017 – 31 December 2017.

## Emissions source inclusions

Our operational source emissions are shown in the below graph; in total our business generate 15,493 tCO<sub>2</sub>e in 2017 DEFRA 2017 conversion factors have been used in all calculations.

## Emissions Intensity

Our emissions intensity equates to 19.56 tCO<sub>2</sub>e per €1m of turnover for 2017.

## Emissions source exclusions

While this first footprint report has included a full range of emissions sources, a series of future emissions will be excluded from reporting based on the de minimis (cumulative 5% of total) principle as indicated below.

