

# Climate Action

## Net Zero and Climate Risk

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# Climate Action Plan

- Climate Action Plan published on 22 April 2020
- Details our long term commitments on emissions reduction and managing climate risk
- The Plan contains sections on our carbon footprint, our climate commitments, how we will deliver carbon reductions, how we offset the balance, our strategies around climate partnerships, climate risk management, and governance.
- All focused on keeping to within a 1.5C world



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Challenging today.  
Reinventing tomorrow.

# Climate Action Plan Commitments



## Two sets of commitments

1. 100% renewable energy for our operations in 2020
  2. Net zero carbon for our operations and business travel in 2020
  3. Carbon negative for our operations and business travel by 2030
- 
1. Publish annual disclosure of our key climate risks
  2. Conduct climate risk assessments with our clients
  3. Assess the financial implications of our climate risks and opportunities
  4. Incorporate climate risks into our Enterprise Risk Management strategy and process

# Climate Action Plan Commitments

## 2019 CO<sub>2</sub>e emissions

In tonnes

**Total emissions: 166,365**

**Scope 3: 100,019**  
Other indirect emissions  
from business travel



**Renewable energy  
certificates purchased:  
8,000 megawatt hours**

**Net: 162,169**

**Scope 2: 59,243**  
Indirect emissions from  
electricity and heating  
purchased and used  
by Jacobs

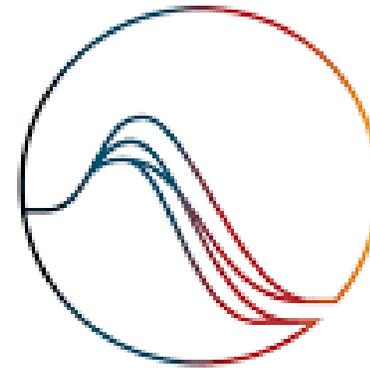
**Scope 1: 7,103**  
All direct emissions from  
Jacobs that we control

<sup>3</sup>Scope 1 emissions are carbon emissions that a company directly creates at the source. For example, exhaust from vehicles or combustion of natural gas in a boiler for heating a building. Scope 2 emissions are emissions that are indirectly caused by the energy consumption of a company but which are emitted from equipment or sources controlled by other parties. Scope 3 emissions are the indirect emissions that come from all the other activities a company engages in and is often referred to as emissions from the supply chain.

- Scope 1 and 2 emissions = “our own operations”
  - Scope 1 mainly company facilities and vehicles
  - Scope 2 mainly indirect emissions from purchased electricity
- Scope 3 are emissions held within our supply chain
  - Business travel is the best known portion of our scope 3 emissions

# Science Based Targets

- Science Based Targets are a way of setting business specific greenhouse gas (GHG) emission reduction targets that are in line with international climate science – ie, the ensure our business activities are in line with keeping to within the recommended IPCC global temperature limit of 1.5C.
- These will build on our climate action commitments outlined in our CAP and will focus on absolute emissions reductions
- They will take into account changes to business practice as a result of home working and reduced travel



SCIENCE  
BASED  
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

# FY21 Climate Risk Assessment

World Economic Forum's top 10 global risks for next 10 years

- Climate action failure
- Weapons of mass destruction
- Biodiversity loss
- Extreme weather
- Water crisis
- Information infrastructure breakdown
- Natural disasters
- Cyberattacks
- Human-made Environmental disasters
- Infectious diseases

*"Failure to act on climate change is one of the 10 highest impact global risks the world faces over the next decade"*  
– World Economic Forum, 2020.



# Delivery Plan



- Methodology will follow TCFD Guidance (Task Force for Climate-Related Financial Disclosures – *an industry-led group tasked by G20 with bringing climate related financial reporting into the mainstream*)
- Will comprise top-down (corporate) and bottom-up (project and program) assessment of our main risks, using global climate data in a GIS based platform
- Assessment will consider **physical** and **transitional** risks and opportunities associated with climate change
- Assessment will consider two climate change scenarios:
  - In line with Paris Agreement, 1.5C temperature rise
  - 'Business As Usual' 4C temperature rise
- Assessment will attempt to quantify our main risks
- Assessment will be integrated into our Enterprise Risk Management process as part of our ESG assessment

# What is the TCFD?



- Task-force for Climate-related Financial Disclosures
- An industry led group tasked by the G20's Financial Stability Board with bringing climate risk reporting into the mainstream
- TCFD framework encompasses:
  - Governance
  - Risk analysis and management
  - Disclosure
- The risk analysis and management step covers:
  - Materiality of climate related risks
  - Defining a range of scenarios
  - Evaluating business impacts
  - Identifying potential responses
- UK to mandate TCFD-aligned disclosures by 2025

# Countdown to COP26



- COP26 will be underway in 1 year's time
- 12 months of action is required
- Jacobs 'Pledge to Action' campaign invites partners from all over the globe to pledge measurable actions to urgently address climate change
- We aim to quantify the impacts these collective actions have over the year leading up to COP
- Our commitment:
  - Science Based Targets
  - Provide support to five partner organisations to undertake a climate risk assessment
- Not unique (Scottish Power, TedX Glasgow), but can make a difference by bringing organisations together to tackle climate change