



PPN 06/21

CARBON REDUCTION PLAN

10 DECEMBER 2024



Commitment to achieving Net Zero

Research Innovations Incorporated is committed to achieving Net Zero emissions across Scope 1, 2 and 3 by **2050**.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

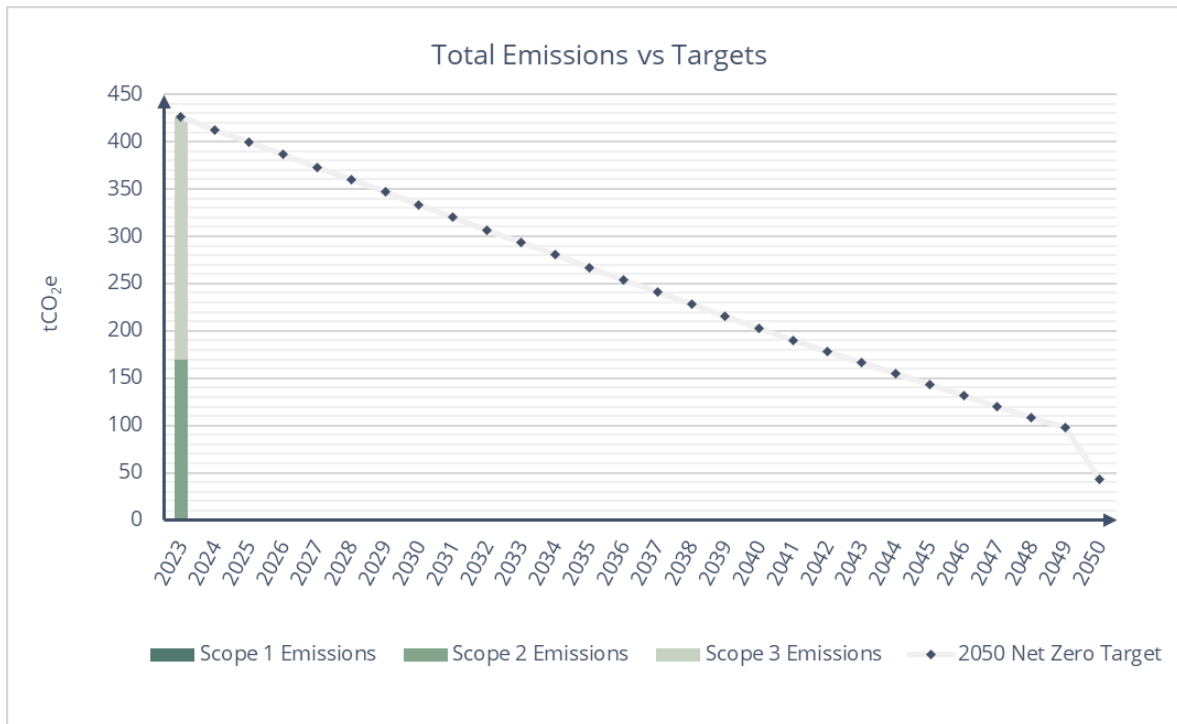
Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
This was RII's first year measuring our carbon emissions, and we used 2023 data as our baseline year. Scope 1 (Direct Emissions) – RII does not use natural gas at any of our office sites and had no refrigerant gas leaks in the baseline year of 2023. Scope 2 (Indirect Emissions) – RII used imported electricity for all office spaces, which made up approximately 40% of all emissions. Scope 3 (Other Indirect Emissions) – Since upstream and downstream distribution are not relevant to RII's operational activities, RII generated approximately 60% of its emissions from employees commuting, business travel, and waste generated in operations.	
Baseline year emissions: 426 tCO ₂ e	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0 tCO ₂ e
Scope 2	170 tCO ₂ e
Scope 3	256 tCO ₂ e
Total Emissions	426 tCO₂e

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

We project that carbon emissions will decrease over the next 27 years to 10% tCO₂e by 2050. This is a reduction of 90%

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these schemes equate to 43 tCO₂e, a 90% reduction against the 2023 baseline and the measures will be in effect when performing the contract.

Metro Park (ALX HQ)

- Recycling programs and events
- Green Building LEED Certificate
- Bike To Work event
- Waste Audit
- Free electric car charging stations
- Free shuttle bus between Franconia-Springfield Metro/VRE station
- Citibike station
- Bronze Bicycle Friendly Business Award 2024-2028 Morgan Stanley Tower (STP)
- E-Cycle Events Forum Building (SATX), Morgan Stanley Tower (STP), & Metro Park (ALX HQ)

In the future we hope to implement further measures such as:

- Energy awareness training by an external body or by employees who are upskilled to become “Energy Champions”
- Regular HVAC system checks to avoid f-Gas leaks
- If an f-Gas leak were to happen, ensure system upgrades reduce impact
- Imported Electricity through Power Purchase Agreements with renewable energy generators (available circa 2030 to companies like RII)
- Owning office space - allows flexibility of purchasing renewable energy sources
- Carry out waste audits at all of our sites to understand the volumes and types of waste which needs to be addressed (combustion, landfill, recycling)
- Offer incentives for employees participating in carbon reduction initiatives (bike to work day, e-cycle, etc.)
- Incentivize the use of electric vehicles for business travel (only reimburse electric Ubers)
- When traveling for business, incentivizing staying at hotels with sustainability programs in place
- Ensure catered Tuesday lunches use recycled materials (and that waste is recycled)
- Encourage train travel instead of flights when feasible
- Give preference to holding meetings virtually where feasible (limiting trips to those which are essential)
- Company service day planting trees across various locations

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



12/4/2024

Michelle Adams

Date

Research Innovations Incorporated
Vice President, Contracts & Supply Chain

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>