

# PPN 06/21 - Carbon Reduction Plan

Company name: Isoclad Ltd & Securiclad Ltd

Publication date: 09/08/2022

## Document Purpose

Our reduction plan is presented in response to the recent Procurement Policy Note (PPN) 06/21 and provides transparency and demonstrates our progress towards building a robust carbon reduction programme.

## Commitment to achieving Net Zero

Isoclad & Securiclad commit to achieving net-zero Scope 1, 2 and 3 emissions by 2050.

We are in the process of developing and setting more detailed interim and long term emission reduction targets with energy consultants, Inspired Plc.

## 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:

1<sup>st</sup> June 2021 – 31<sup>st</sup> May 2022

Additional Details relating to the Baseline Emissions calculations.

*The GHG emissions scope boundary, used to establish our baseline, was determined using an operational control model following the GHG protocol. The baseline includes all Scope 1 and 2 emissions in accordance with SECR requirements. Scope 3 emissions have been calculated as per the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Standard Guidance.*

Baseline year emissions:	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	86.2
Scope 2	95.4 (location-based)
Scope 3 (Included Sources)	<p>505.1</p> <p>4. Upstream Transportation and Distribution: 464.2</p> <p>5. Waste generated in operations: 22.2</p> <p>6. Business travel: 12.9</p> <p>7. Employee commuting: 5.6</p> <p>9. Downstream Transportation and Distribution: 0.2</p>
<b>Total Emissions</b>	<b>686.7</b>

# Current Emissions Reporting

The table below summarises our emissions by Scope for the most recent reporting period; 1<sup>st</sup> June 2021 – 31<sup>st</sup> May 2022.

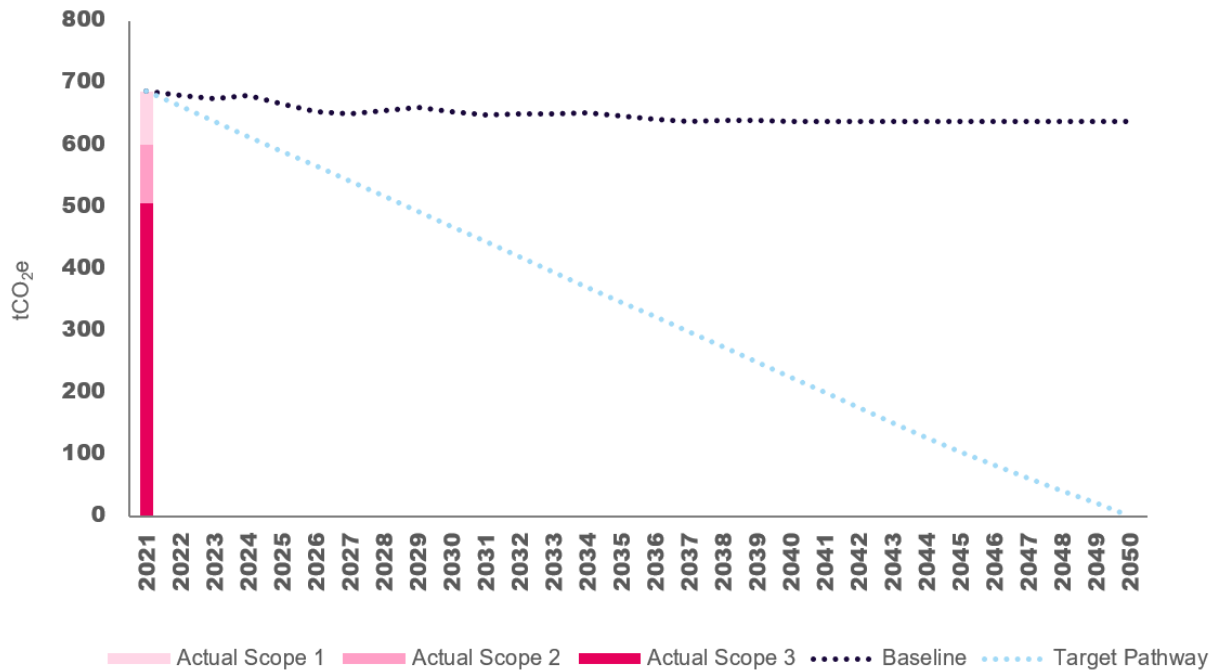
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>86.2</b>
<b>Scope 2</b>	<b>95.4 (location-based)</b>
<b>Scope 3 (Included Sources)</b>	<b>505.1</b>  4. Upstream Transportation and Distribution: 464.2 5. Waste generated in operations: 22.2 6. Business travel: 12.9 7. Employee commuting: 5.6 9. Downstream Transportation and Distribution: 0.2
<b>Total Emissions</b>	<b>686.7</b>

# Emissions reduction targets

Isoclad & Securiclad aim to achieve net-zero<sup>1</sup> Scope 1, 2 & 3 emissions by 2050, compared to a 2021/22 baseline.

We are in the process of developing and setting more detailed interim and long term emission reduction targets with energy consultants, Inspired Plc.

*Progress against our net-zero target can be seen in the graph below<sup>2</sup>:*



<sup>1</sup> To achieve net-zero we are aiming for an at least 90% reduction in absolute emissions compared to our base year – any residual emissions will be offset with carbon sequestration offsets, as per the Science-Based Targets Initiative’s Net-Zero Standard guidance.  
<sup>2</sup> The Scope 1 and 2 forecast baseline takes into account projected changes in the UK’s electricity grid emissions factor based on the BEIS ‘UK’s power producers emissions intensity’ forecast. No change is assumed in the actual consumption of gas and electricity by Isoclad Ltd & Securiclad Ltd

# Carbon Reduction Projects

## Completed Carbon Reduction Initiatives

This is the first year that Isoclad & Securiclad are measuring their full Scope 1, 2 and 3 emissions and therefore no carbon reduction initiatives have been implemented to date. However, it is our intention to use our new baseline data to identify decarbonisation actions for future implementation.

Currently Isoclad & Securiclad are undertaking the following carbon reduction initiatives:

- **Producing a full Scope 3 (supply chain) inventory**, in order to understand the full extent of our carbon emissions, taking into account the supply chain of our operations.
- **Developing a net-zero strategy & targets** to provide guidance and specific goals for the organisation and embed decarbonisation as part of business as usual operations.
- **Undertaking site surveys** to establish decarbonisation solutions for Isoclad & Securiclad sites and ensure compliance with ESOS.

## Identified opportunities considered for implementation.

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

- **Installation of EV charge points** at our two sites, to encourage employees to use EVs for both commuting and business travel purposes.
- **Installation of solar PV** on our two sites, to self-generate renewable electricity with the aim to reduce Scope 2 emissions.
- **Replacing conventional steel with fossil free steel** from SSAB, which should be on the market in 2026. Isoclad & Securiclad are currently engaging with SSAB to understand the availability and potential of the fossil free steel. If viable and when commercially available, Isoclad & Securiclad will replace most of their conventional steel with this more sustainable alternative.
- **Implementing recommended Scope 3 decarbonisation solutions**, provided by Inspired Plc as part of their net-zero strategy development. A key target area will be engaging with our suppliers to decarbonise our purchased goods and services.

## Declaration and Sign Off

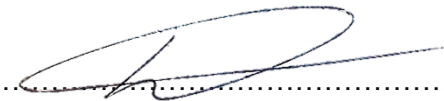
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>3</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>4</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>5</sup>.

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:



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Name: ROBERT PALMER

Job Title: FINANCE DIRECTOR

Date: 09/08/2022

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<sup>3</sup> <https://ghgprotocol.org/corporate-standard>

<sup>4</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>5</sup> <https://ghgprotocol.org/standards/scope-3-standard>

# Appendix A

## Our GHG Reporting – Supporting Notes for PPN

### Methodology

Scope 1 and 2 greenhouse gas emissions have been calculated according to the 2019 UK Government environmental reporting guidance. Consistent with the guidance, relevant emissions factors published in the UK Government's Department for Business, Energy and Industrial Strategy (BEIS) "Greenhouse gas reporting: conversion factors" database specific reporting year have been used. The CO<sub>2</sub> equivalent conversion factor has been used throughout and, where applicable, the kWh gross calorific value (CV) was used.

Transport related emissions from fuel combustion were calculated using the BEIS "Greenhouse gas reporting: conversion factors" 2019 and 2021 databases, respectively.

Scope 3 emissions have been calculated based on the guidance in the Greenhouse Gas Protocol "Corporate Value Chain (Scope 3) Standard".

For all operations, applicable Scope 3 categories were identified based on an operational control boundary. Scope 3 emissions for applicable categories were calculated following methodologies outlined in the GHG Protocol "Technical Guidance for Calculating Scope 3 Emissions", with further guidance taken from the GHG Protocol's detailed methodology chapters for each applicable Scope 3 category.

The majority of conversion factors were sourced from the BEIS Greenhouse gas reporting: conversion factors, v1.0 2021 database. Where a spend-based approach was used, as per the GHG Protocol guidance, conversion factors were taken from the University of Leeds and Department for Environment, Food and Rural Affairs' UK Footprint Results (1990 – 2018)' study or the Department for Environment, Food and Rural Affairs' Indirect emissions for the supply chain' database. Scope 3 emissions include Well to Tank and T&D losses.