ENVIRONMENTAL COMPLIANCE

CLARE GREVILLE

HEAD OF ENVIRONMENT

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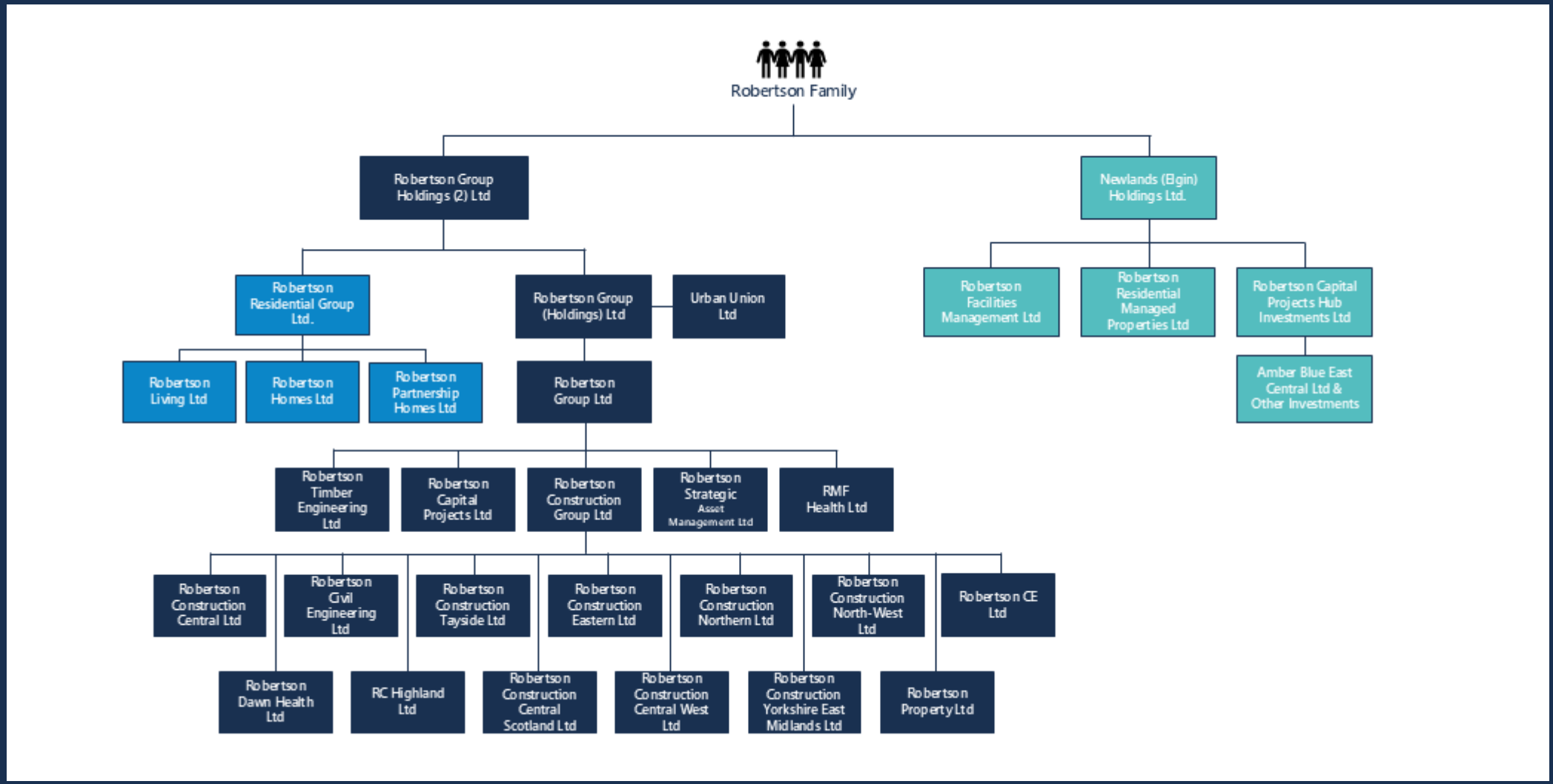
ROBERTSON FAMILY



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PRECONSTRUCTION CONSIDERATIONS

- **Site Investigation** – Remediation plans
- **Hydrology Surveys** – Ground water & Surface Water Management Plans
- **Pollution prevention plan** – Natural & Construction considerations
- **Flood Maps –** Flood Prevention/ Management Plans
- **Tree Surveys –** TPOs / damaged trees
- **Ecology & Biodiversity** – Protected & Invasive species. Survey within last 12 months

NON-NATIVE INVASIVE SPECIES (NNIS)

Native Species Plants: Are species that occur naturally in a region and have evolved there for over thousands of years.

Non Native Invasive Species: Are plants that have been introduced to the UK intentionally or accidentally by human activity and did not historically occur here.

It is illegal to allow the spread of non-native invasive species

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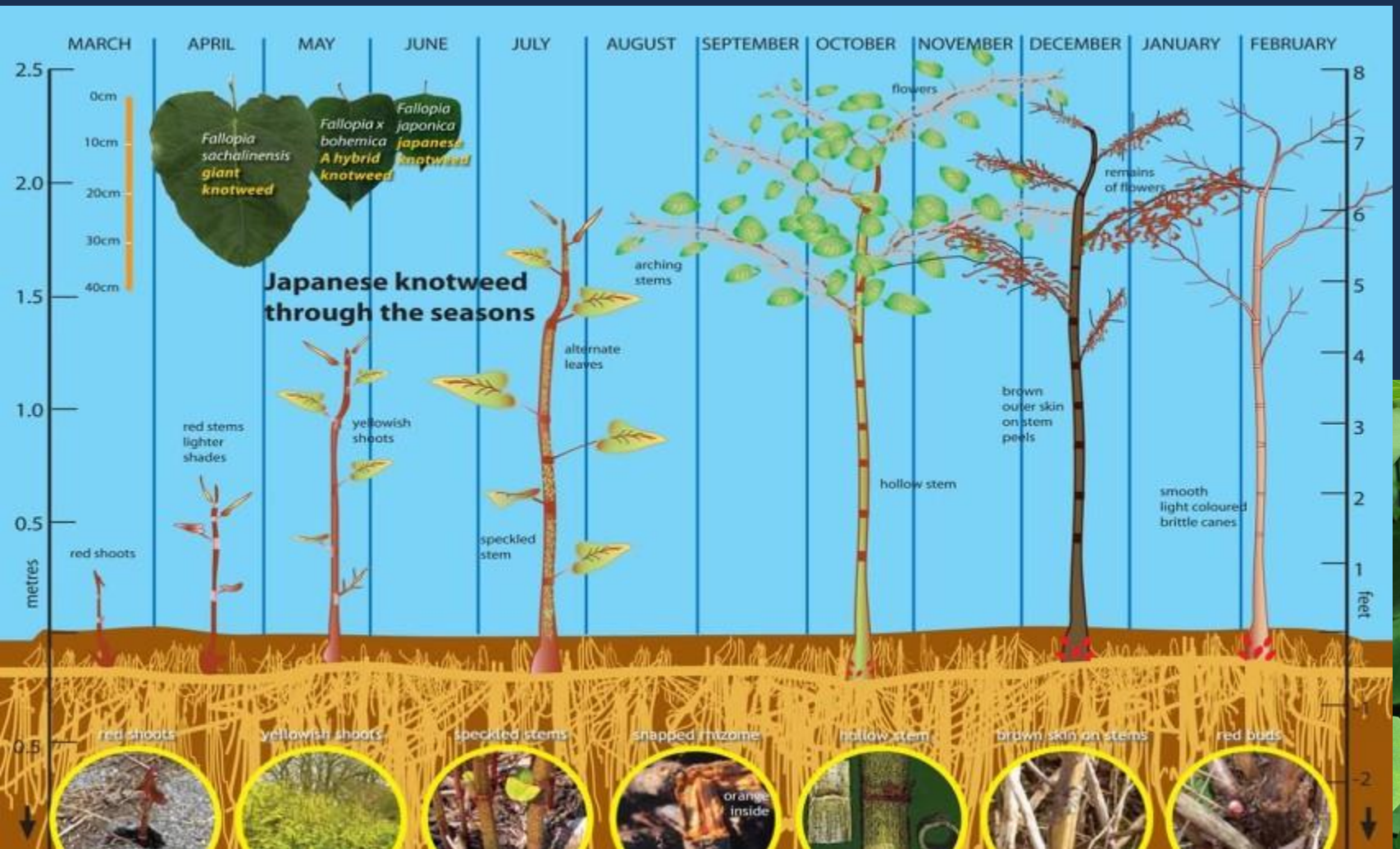
JAPANESE KNOTWEED



HIMALAYAN BALSM & GIANT HOGWEED

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OTHER INVASIVES

Giant rhubarb

Montbretia

Rhododendron

FINDING AN NNIS

1. STOP work
2. Take a photo
3. Contact your Environment Manager / Ecologist for identification
4. Develop a RAMs to avoid or reduce potential risk
5. Ensure controls are in place to prevent harm to employees and to avoid spreading

BIOSECURITY

- Arrive at the site with clean equipment, footwear and vehicle.
- Ensure equipment and footwear is clean (visually from soil and debris) before leaving the site.
- Keep access to a minimum.
- When removing – stockpile separately from other soils / bunds
- Using plastic membrane to ensure it does not spread to clean soils
- Secure the location / clearly sign
- Ensure the waste is disposed of correctly and the waste management company is aware of the invasive waste.

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POLLUTION PREVENTION
CONCRETE WASHOUT

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WHAT IS CONCRETE WASHOUT?

Washout is created when washing down the equipment used for concrete, grout and mortar.

The water used collects dust and residue from the concrete which in turn causes the water to become alkaline with a pH of above 12.

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WASHOUT WATER

We pour concrete into the ground, so why can't I tip the wash water directly to ground?"

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Concrete washout water

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Rinse skin with water .
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium dihydroxide, Slaked lime substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 1305-62-0 EC-No.: 215-137-3 REACH-no: 01-2119475151-45	20 – 40	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

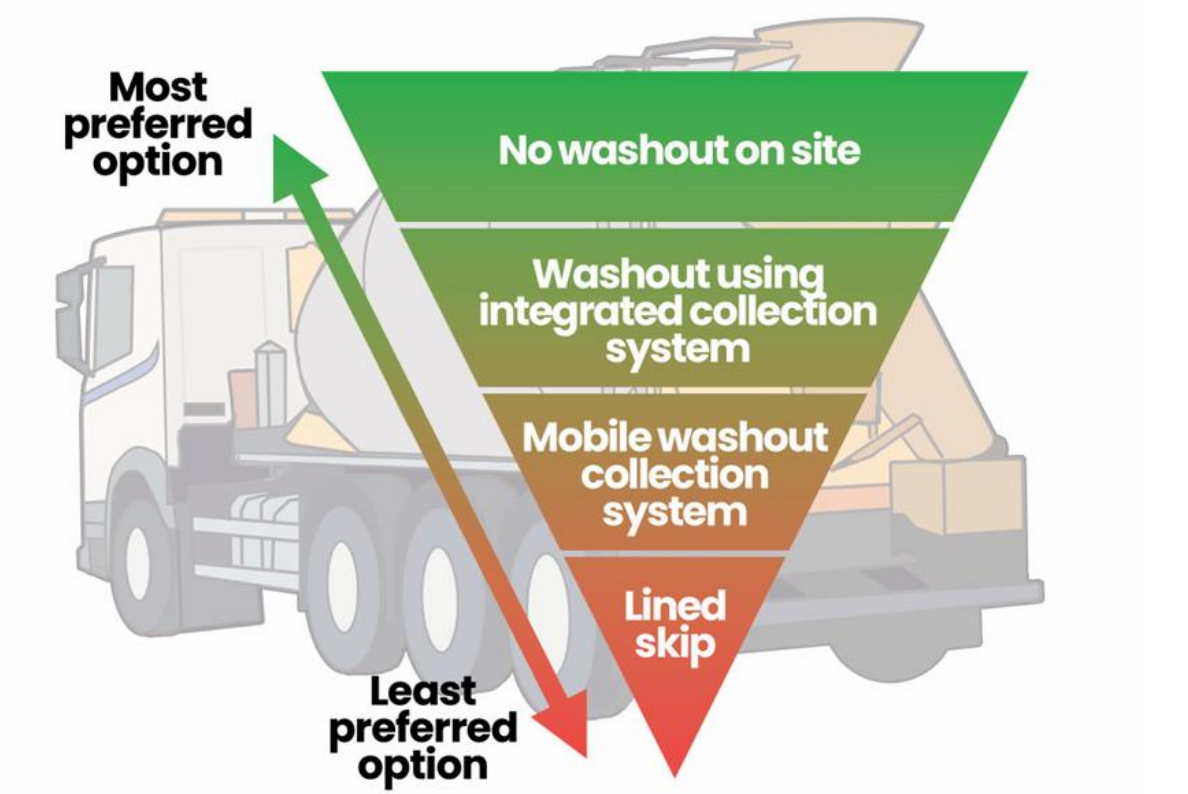
First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

Cement, concrete and grout

NetRegs sepa ROBERTSON

Concrete washout hierarchy



- Area at least 10m from drainage & 30m from surface water / watercourses.
- Located on hardstanding
- Provide clear signage
- Consider covering systems overnight.
- Signage should be displayed to only wash equipment if mandatory.

LINED SKIPS

Lined skips are the **last** option within the hierarchy.

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SILO SET UP

(from an Environmental perspective)

- Area at least 10m from drainage & 30m from surface water drains & watercourses.
- Temporary Works Design need
- Stop blocks
- Restricted area / fenced off
- Hard standing
- Controlled water supply
- Emergency switch off
- Good housekeeping

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Filling of Mortar tubs

The telescopic handler operator shall position the front wheels of the machine against the stop blocks and check that there are no personnel in the vicinity before extending the boom to lift the mortar tub to the silo area. After filling the mortar tub, retract the boom and check for pedestrians and vehicles before manoeuvring to leave the compound.

Washout - Disposal

The disposal options where mortar tubs used to contain wash waters are as follows:

1) Empty wash waters from the mortar tubs into a concrete washout / treatment system where this is present on site and capacity allows. Consider in advance how these would be lifted and tipped safely.

2) Empty wash waters from the mortar tubs into an open IBC and dispose offsite. If untreated this will likely be considered a hazardous liquid waste.

3) Dose the wash waters in the mortar tubs with leftover mortar or additional bagged cement / postcrete, in order to cause the mix to turn solid enough to be tipped and disposed of as inert material. The amount of additional material added should be as little as possible – just enough to use up the wash waters in the curing reaction.

MORTAR TUBS

Small concrete mixers, tools and other items associated with hand batching mortar, render or concrete are most easily washed out into mortar tubs

The disposal options where mortar tubs are used include:

1. Empty wash waters from the mortar tubs into a concrete washout / treatment system where this is present on site. Consider in advance how these would be lifted and tipped safely.
2. Empty wash waters from the mortar tubs into an open IBC and dispose offsite. If untreated this will likely be considered a hazardous liquid waste.
3. Dose the wash waters in the mortar tubs with leftover mortar or additional bagged cement / postcrete in order to cause the mix to turn solid enough to be tipped and disposed of as inert material.

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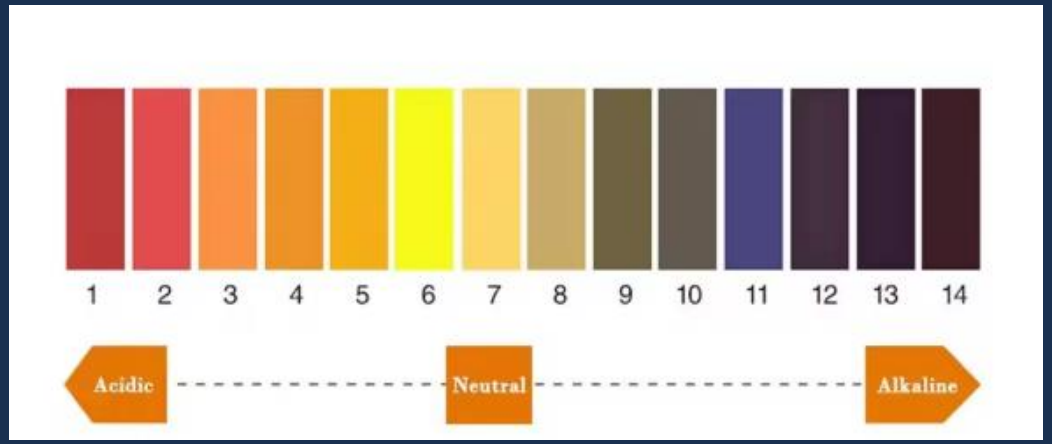
STANDARD CHECKS



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THANK YOU

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5 WAYS WE ARE ACCELERATING THE TRANSITION TO NET ZERO

NICOLA JACKSON

GROUP NET ZERO PROJECTS LEAD

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OUR PURPOSE IS TO ASSURE A SUSTAINABLE FUTURE

Introducing Robertson

Robertson is one of the largest family-owned construction, infrastructure and support services businesses in the UK.

OVER FIVE DECADES EXPERIENCE SINCE

1966

£2BN+

ORDER BOOK

10

OFFICES, FROM INVERNESS TO SHEFFIELD

£793m

TURNOVER 2024–25

3,000

EMPLOYEES ASSURING QUALITY AND STANDARDS

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1.

CARBON INTENSITY REDUCTION

FROM 2014/15 BASELINE

100% EV / HYBRID FLEET

SOLAR & HYBRID ENERGY GENERATION

99% WASTE DIVERSION FROM LANDFILL

HVO

EARLY GRID CONNECTION

-74%

(2025)

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Climate positive SINCE 2020

2020

CLIMATE POSTIVE

BRITISH BUSINESS AWARDS

2025

GREEN BUSINESS OF THE YEAR

2030

Net Zero

2.

NEXT STEP ZERO PROGRAMME

10 NET ZERO REGIONAL CHAMPIONS

DEDICATED SUSTAINABILITY TEAM

NET ZERO TOOLKIT

200+ CERTIFIED CARBON LITERATE

CARBON FOOTPRINT+

SEPA SUSTAINABLE GROWTH AGREEMENT

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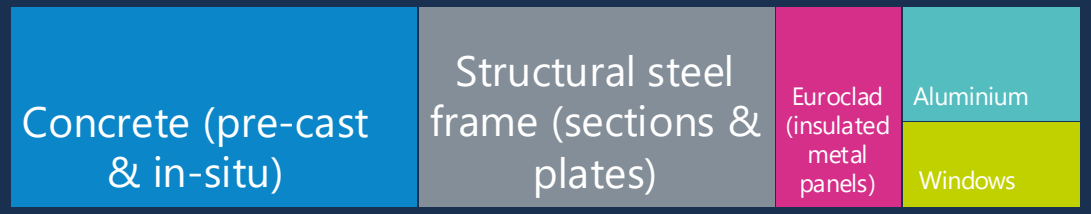
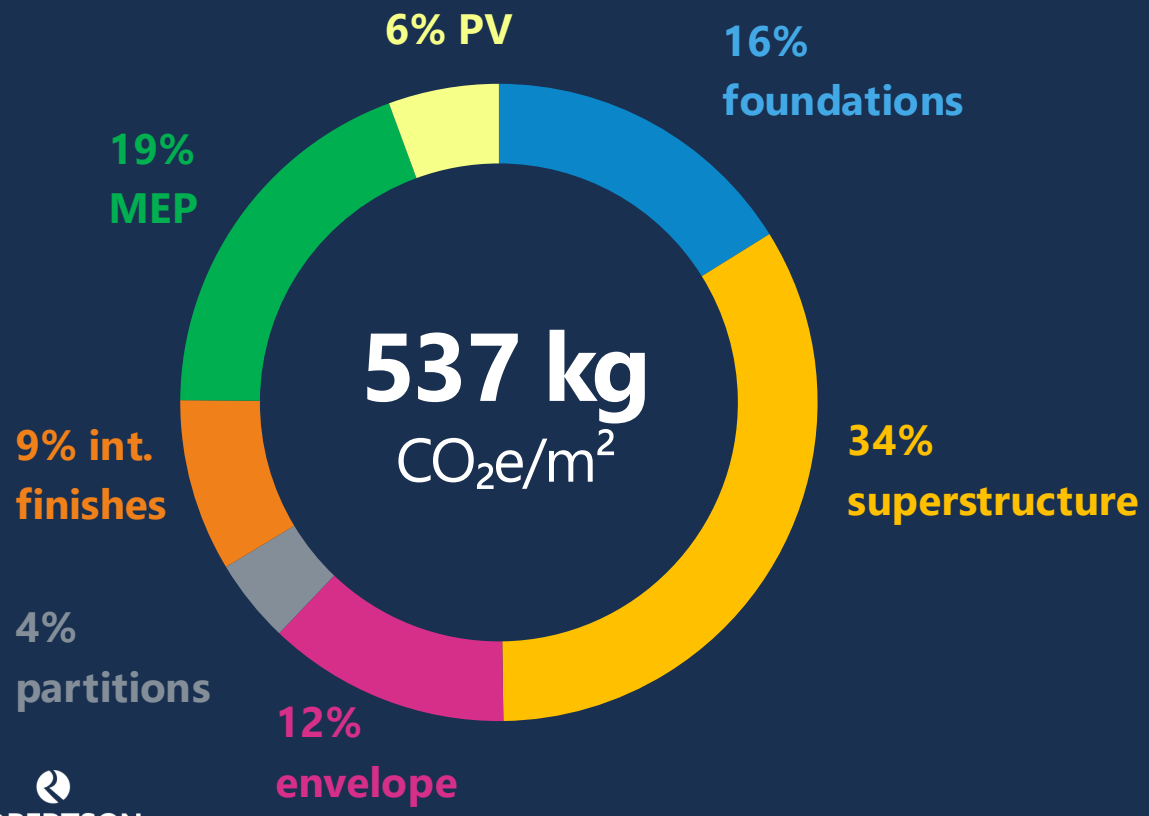
3. WHOLE LIFECYCLE CARBON ASSESSMENTS

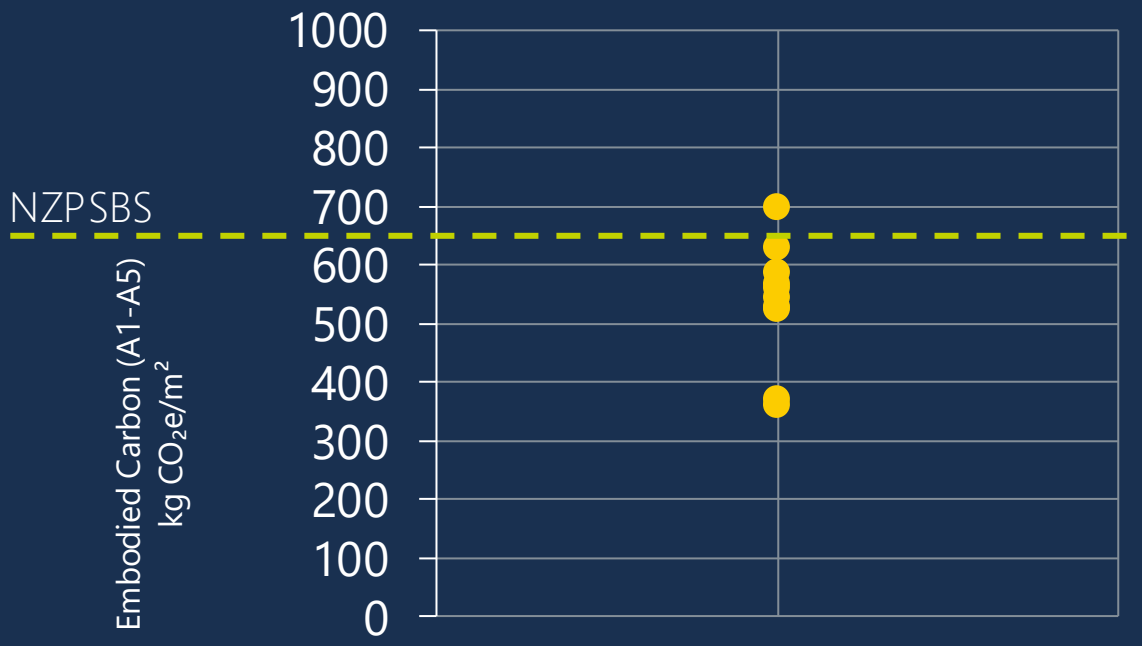
TOP 5 CONTRIBUTORS TO EMBODIED CARBON (A1-A3)



EMBODIED CARBON IMPACT (A1-A5)



LCA MONITORING



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ROBERTSON TIMBER ENGINEERING

4.

BIOGENIC MATERIALS

1,500
timber kits per year

5t
Carbon saving per home

40%
less site waste

5. PASSIVHAUS CERTIFICATION

73%
LESS ENERGY USE

7+

Passivhaus projects delivered / under development by Robertson

90+

Passivhaus professionals trained across the Robertson business

Riverside PS, Robertson Construction

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NEXT STEP ZERO

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