

# Temporary Accommodation

# Carbon Net Zero Plan

# Category: Temporary Accommodation (TA)

## Carbon Net Zero Goals and Key Deliverables

\* This is dependent on the structural steel elements in the unit build reaching net zero carbon



### Phase I: (2023 – 2024)

#### Key goals:

- 1) Build awareness of targets internally as well as through the supply chain and carry out gap analysis to reach net zero
- 2) Develop TA standardised list of low carbon/net zero items/products available in the market and aim to achieve this as an industry standard

#### Key deliverables:

- 1) *Clear engagement and alignment across NH and the supply chain to commence focus on carbon reduction and coordinate industry efforts to meet net zero targets*
- 2) *Standardised catalogue developed, and implementation commenced across NH contracts and supply chain to introduce an industry standard of reduced carbon items/products*

### Phase II: (2024 – 2025)

#### Key goals:

- 1) Embed standardised items/products into the NH Digital Product Catalogue and all applicable NH contracts
- 2) Develop alternative non-fossil fuel power options used for operation of TA units

#### Key deliverables:

- 1) *Standardised net zero products\* start to be used on all applicable NH contract (contents and fabric excluding steel, net zero power solutions and transport)*
- 2) *Industry standards for net zero carbon cabins\* established and shared with other users (Network Rail, HS2)*

### Phase III: (2025 and beyond)

#### Key goals:

- 1) Continual improvement within the Supply Chain across all carbon aspects of TA from manufacture to on-site operation and end of life disposal including any trials where necessary

#### Key deliverables:

- 1) *Continue collaboration with the supply chain to drive innovation for more sustainable future solutions*

- 2) *Fully standardised net zero cabins, including for power solutions and transport, to be used on all NH sites by 2030\**

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## Initial Findings and Next Steps

**Comment:** we recommend to have a lessons learned session after each phase (definition of phases left for individual categories)



### Phase I: (2023 – 2024)

#### Carbon Reduction initiatives

- Build awareness of targets across NH and the supply chain
- Influence suppliers to work towards NH targets and start to identify a consistent standard for TA
- Consider power sources that aim for non-fossil fuel options
- Identify efficiencies and innovation to ensure a net zero circular economy for temporary accommodation, including design, transport, build, recycling/reuse
- Develop and implement standardised list of low carbon/net zero products/items into existing NH contracts and across the supply chain

#### Main Actions and next steps

- Engage with NH directorates and supply chain and establish a Stakeholder Community Group, to develop plans and identify any barriers to implementation
- Share best practice within the community group to develop key workstreams, carbon reduction, standardisation and the lifecycle of cabins, that target low carbon/net zero solutions including identification of non-fossil fuel power options
- Itemise reduced carbon TA product/items for standardisation and implement into existing NH contracts and across the supply chain



### Phase II: (2024 – 2025)

- Digital Product Catalogue implemented for standardised reduced carbon products/items and embedded across all applicable NH contracts
- Development of options for non-fossil fuelled powered units
- Liaise with other market users (HS2, Network Rail) to share best practice learning for achievement of net zero in TA.

- Liaise with colleagues to ensure temporary accommodation coverage is included in the Digital Product Catalogue and embedded into contracts
- Engage with suppliers to identify non-fossil fuelled power units for use on scheme sites
- Engage with other market users and share best practice learning for achievement of net zero in TA



### Phase III: (2025 and beyond)

- Establish use of non-fossil fuelled powered units on all NH scheme sites
- Continual improvement within the Supply Chain across all carbon aspects of TA from manufacture to on site operation and end of life disposal

- Non-fossil fuelled powered units are used on all NH scheme sites
- Continue collaboration with the supply chain to drive innovation for more sustainable future solutions

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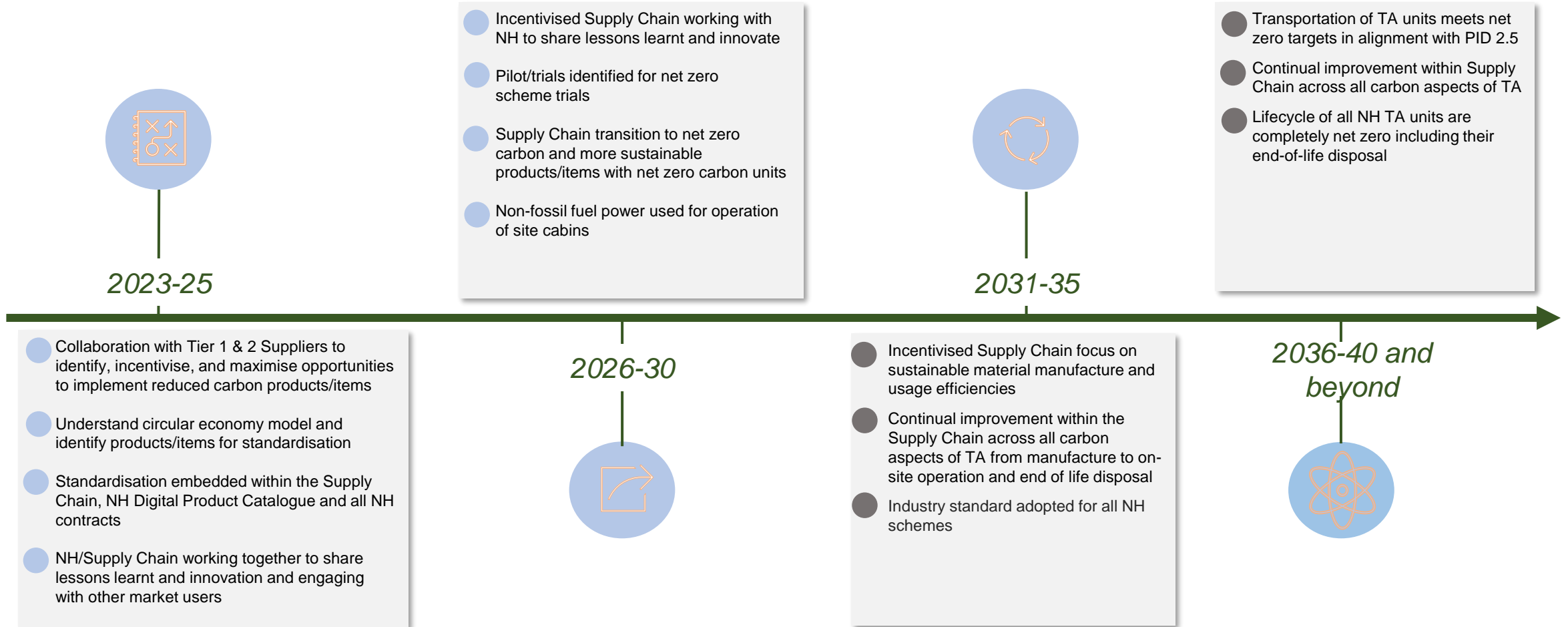
## Detailed Timing Plan

|   | 2023 |    |    |    | 2024 |    |    |    | 2025 |    |    |    | 2026 |    |    |    |
|---|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
|   | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 |
| <p><b>Phase I:</b></p> <p><i>Action a:</i> Engage with NH directorates and supply chain and establish a Stakeholder Community Group, to develop plans and identify any barriers to implementation</p> <p><i>Action b:</i> Share best practice within the community group to develop key workstreams, carbon reduction, standardisation and the lifecycle of cabins, and identify efficiencies that target low carbon/non-fossil fuel, net zero solutions</p> <p><i>Action c:</i> Itemise reduced carbon TA product/items for standardisation and implement into existing NH contracts and across the supply chain</p> |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |
| <p><b>Phase II:</b></p> <p><i>Action a:</i> Liaise with colleagues to ensure temporary accommodation coverage is included in the Digital Product Catalogue and embedded into contracts</p> <p><i>Action b:</i> Engage with suppliers to develop options for non-fossil fuelled power units for use on scheme sites</p> <p><i>Action c:</i> Engage with other market users and share best practice learning for achievement of net zero in TA</p>  |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |
| <p><b>Phase III:</b></p> <p><i>Action a:</i> Non-fossil fuelled powered units are used on all NH scheme sites</p> <p><i>Action b:</i> Continue collaboration with the supply chain to drive innovation for more sustainable future solutions</p>  |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |



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## Carbon Net Zero Initiatives plan



### Legend:

● Higher Impact

● Lower Impact

● Unknown Impact