

Net Zero Carbon Public Sector Buildings standard

Briefing Note to:
Environmental Association of Universities & Colleges

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Net Zero Carbon Public Sector Buildings standard

Briefing Note

Agenda

Overview of the Standard

Shaping the next stage

Questions

The Standard: Overview

Scottish Government's *Net Zero Carbon Public Sector Buildings* standard

Programme for Government 2019-20

Demonstrates Leadership

Applies Scottish Government Policy to

→ Public Sector Construction Projects

→ Newbuild

→ Major Refurbishment

Further shaped for settings:

- Local Authority Areas
- Sectors
- Organisational Policies

Benefits

- Defines Net Zero Carbon
- Zero Emission Heating
- Further Shaped by:
 - Local Authority Areas
 - Sectors
- Guidance on getting there
- Verification of arrival

The Standard: Achieving Net Zero Carbon Outcomes



The Standard: Benefits

What will it do differently?

- Operational Energy Target
 - Best in class targets agreed with Scottish Government – e.g. newbuild 60% less than ‘Typical’
 - Verified in use

Benefits

- Lower carbon emissions – including Zero GHG Emissions from Heating
- Better indoor environments:
 - Excellent indoor air quality without cold draughts
 - Insulation without overheating; Daylighting without glare

How will it do it?

- Carbon performance as core objectives of construction projects
- Articulating targets (energy, indoor environment etc.)
- Energy Modelling to check design is on track to meet targets
- Construction phase checks quality of construction will deliver outcomes
- In Use – verify performance and strategy to take all emissions to zero by deadline

6 Objectives

1. Inclusive NZC
2. Construction Carbon
3. Operational Energy NZC
4. Whole Life NZC
5. Indoor Env. Quality
6. Other Environmental

Shaping the Next Stage

Context

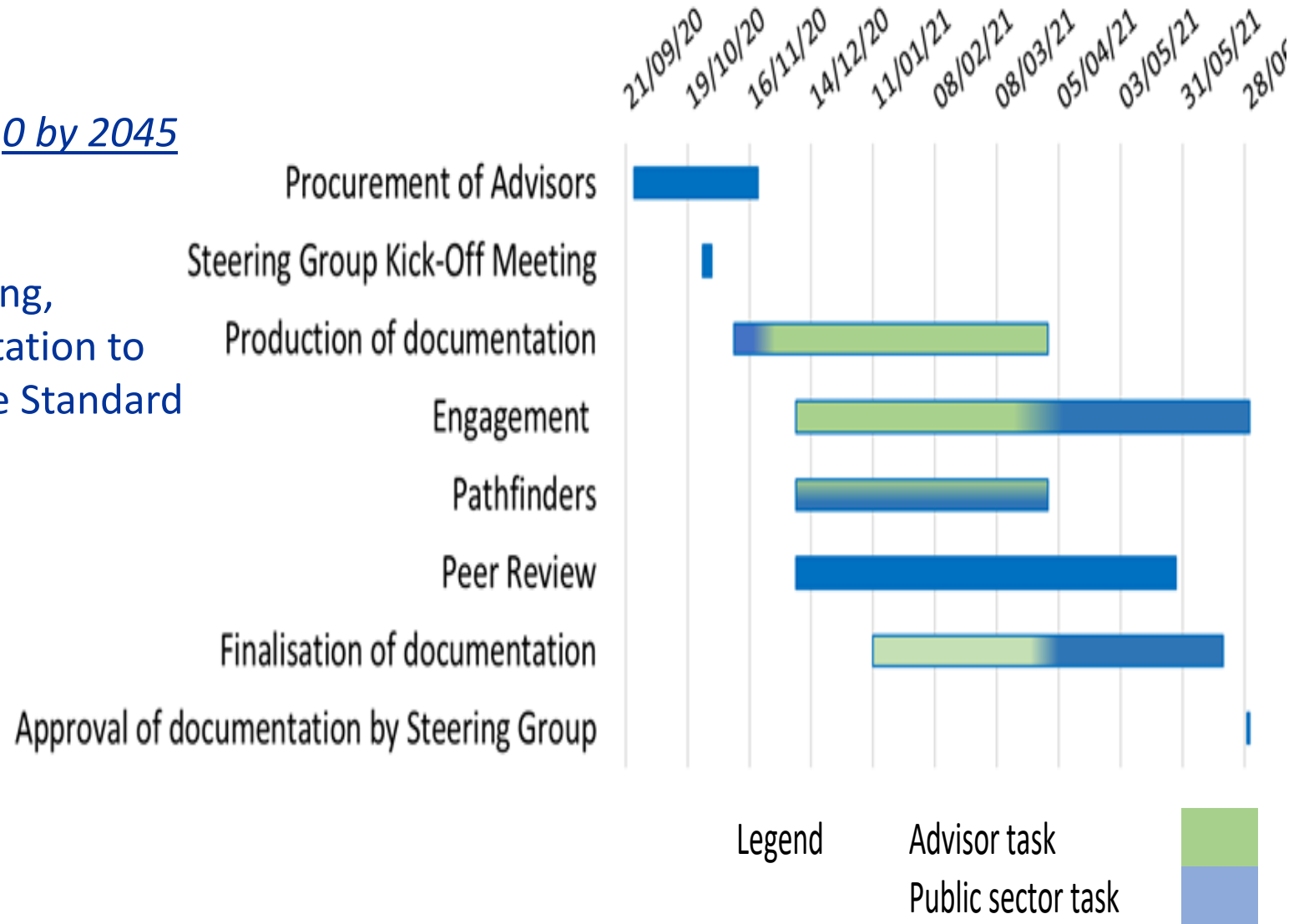
Guidance for newbuild and major refurbishment projects to achieve 0 by 2045

Purpose

Programme for producing, reviewing, amending and adopting documentation to support the implementation of the Standard

Key Deliverables

- Stakeholder Engagement
- Targets for all Objectives
- Documentation for
 - Local Authority Areas
 - Sector
 - Organisation
 - Project
- Pathfinders



Questions?

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