


| RIBA Plan of Work | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|---------------------------------|--|--|---|---|------|---|---|---|------|------|----------------------|------|
| 0 Strategic Definition | Climate Emergency Declarations Architects Declare | All projects up to RIBA Stage 3 will have alternative zero carbon plans | | | | |  | All projects up to RIBA Stage 3 will have alternative zero carbon plans | | | | |
| 1 Preparation and Brief | | | | | | | | | | | | |
| 2 Concept Design | | | | | | | | | | | | |
| 3 Developed Design | | | | | | | | | | | | |
| 4 Technical Design | | | Develop design targets for embodied and operational carbon | | | | | By April 2020 all projects at RIBA stages 1, 2 and 3 will be assessed to establish potential carbon impacts against building typology benchmarks, in order to help understand the range of embodied and operational whole life carbon figures, to encourage understanding of the scale of the issue to resolve. The area of renewable pv electricity generation required, or the amount of offsetting to meet zero carbon targets will be calculated. | | | | |
| 5 Construction | | | Year on year improvements in on-site management, building skills and inspection processes | | | | | | | | | |
| 6 Handover and Close Out | | | | Hand over process includes addressing operational carbon issues | | Zero carbon plans for all projects completed from 2025 to establish achievable operational performance in use by 2030 | | | | | | |
| 7 In-use | Complete POE scope | POEs on existing buildings to collate benchmarks | POEs on existing buildings to improve performance | Include three year post completion POE services | | | Monitor completed projects to help meet targets | | | | 2029 Net zero carbon | |

- 0** Strategic Definition
- 1** Preparation and Brief
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- 6** Handover and Close Out
- 7** In-use

Climate Emergency Declarations
Architects Declare

All projects will have **One Planet Living Action Plans**

By 2020 all projects will have One Planet Living Action Plans

Develop design targets for embodied and operational carbon

In 2020 all projects at RIBA stages 1, 2 and 3 will have One Planet Living plans established through the FCBStudios environmental review system.

These will be incorporated into the project plans, and identify research themes and areas of innovation.

Year on year improvements in on-site management, building skills and inspection processes

These will be internal documents unless the client is persuaded to engage with Oneplanet.com or Bioregional to more formally assess and publicise their project using the ten One Planet Living Principals.

Hand over process includes addressing operational carbon issues

Zero carbon plans for all projects completed from 2025 to establish achievable operational performance in use by 2030

Complete POE scope

POEs on existing buildings to collate benchmarks

POEs on existing buildings to improve performance

Include three year post completion POE services

Monitor completed projects to help meet targets

2029 **Net zero carbon**

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Develop FCBStudios POE tools to collect benchmarks and monitor performance

2019
Finalise FCBStudios POE scope options

2020
Carry out light touch POEs on existing buildings to collate energy in use data

2021
Offer services to clients to help improve operational performance (based on learning from 2020 studies)

2022
Include three year post completion POE services in appointments (to be agreed with the Wren) to enable POEs from 2025 onwards

Monitor completed projects to help meet targets

2030 Net zero carbon



Collect benchmarks to improve performance

7 In-use

Complete POE scope


POEs on existing buildings to collate benchmarks


POEs on existing buildings to improve performance

Include three year post completion POE services

Feilden Clegg Bradley Studios



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| 0 Strategic Definition | Climate Emergency Declarations Architects Declare | 2020 All projects will have One Planet Living Action Plans All projects up to RIBA Stage 3 will have alternative zero carbon plans | By 2021 all projects submitted for planning approval will include achievable zero-carbon operation plans | Year on year reduction of targets | Year on year reduction of targets | Year on year reduction of targets |  | Prepare for 2025 when all projects starting on site will incorporate zero carbon plans that include achievable operational performance targets for 2030 | | | | |
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| 5 Construction | | | | Year on year improvements in on-site management, building skills and inspection processes | | | | | | | | |
| 6 Handover and Close Out | | | | | Hand over process includes addressing operational carbon issues | | Zero carbon plans for all projects completed from 2025 to establish achievable operational performance in use by 2030 | | | | | |
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| 0 Strategic Definition | Climate Emergency Declarations | 2020 All projects will have One Planet Living Action Plans | By 2021 all projects submitted for planning approval will include achievable zero-carbon operation plans | | | | | | | | | |
| 1 Preparation and Brief | Architects Declare | All projects up to RIBA Stage 3 will have alternative zero carbon plans | | | | |  | | | | | |
| 2 Concept Design | | | | | | | | | | | | |
| 3 Developed Design | | | | | | | | | | | | |
| 4 Technical Design | | | Develop design targets for embodied and operational carbon | By 2022 detail, specification and tender to achieve net zero operational carbon in use | | | | Stage 4 Technical Design | | | | |
| 5 Construction | | | | Year on year improvements in on-site management, building skills and inspection processes | | | By 2025 all projects starting on site designed to achieve net zero carbon in-use | 2021-2024 construction information has to incorporate details, specifications and tender clauses to ensure the contractor understands the skills needed to achieve the carbon design targets set as part of the zero carbon plan. | | | | |
| 6 Handover and Close Out | | Collect benchmarks to improve performance | | | Hand over process includes addressing operational carbon issues | | Zero carbon plans for all projects completed from 2025 to establish achievable operational performance in use by 2030 | 2026 onwards net zero carbon in use to be achievable on all projects with practical completion | | | | |
| 7 In-use | Complete POE scope | POEs on existing buildings to collate benchmarks | POEs on existing buildings to improve performance | Include three year post completion POE services | | | Monitor completed projects to help meet targets | | | | | 2030 Net zero carbon |

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| 4 Technical Design | | | Develop design targets for embodied and operational carbon | | | | | | | | | | |
| 5 Construction | | | | Year on year improvements in on-site management, building skills and inspection processes | | | By 2025 all projects starting on site will be built to achieve net zero carbon in-use | | | | | | |
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