

# Architectus

## Case Study Interview Questions

### Scope

1. Embodied carbon journey @ Architectus
2. Implementation journey of OneClickLCA
3. The use of OneClickLCA in the Barker's College Hub project

### Questions

#### Section 1: Embodied carbon journey

##### **Part 1A: Context**

1. Could you introduce yourself and your role at Architectus?

##### **Part 1A: Embodied carbon practice**

2. What strategies does Architectus have on embodied carbon and sustainability?
3. Can you describe how your firm currently estimates and manages embodied carbon for a project?
4. What tools or methods do you use for these estimations (e.g., Excel spreadsheets, software)?
5. What data sources do you rely on for carbon estimates (e.g., material databases, product-specific data)?
6. Could you describe the consistency in reporting across multiple projects?
7. What are the key challenges you face in estimating and managing embodied carbon?
8. Are there specific benchmarks or standards (e.g., local regulations, industry guidelines) that you adhere to when managing embodied carbon?

##### **Part 1B: Digital transformation in embodied carbon estimation**

9. Is there a specific part of the carbon estimation process that takes more time or effort than you think it should?
  - Are there any manual tasks that you feel could be automated or simplified?
10. How would you describe your firm's approach to digital transformation in managing embodied carbon?
11. In what ways has the adoption of digital tools impacted collaboration across project teams, including architects, engineers, and contractors?

#### Section 2: Implementation journey of OneClickLCA

##### **Part 2A: Implementation process**

1. What motivated the adoption (i.e., internal or external)?
2. Who initiated the adoption?

3. Why OneClickLCA was selected?
4. Can you walk me through the journey of implementing OneClickLCA at your firm?
  - When was OneClickLCA implemented?
  - What was the process of contacting the vendor?
  - How was the staff training process for OneClickLCA?
5. What were the initial expectations of using OneClickLCA, and how did the actual implementation align with those expectations?

#### **Part 2B: OneClickLCA functionalities**

6. What are the key modules of OneClickLCA?
7. What are the ongoing challenges your firm faces in maximizing the value of OneClickLCA?
8. Have you observed any benefits (e.g. cost savings, time savings, or improved project outcomes) since the adoption?

### **Section 3: The use of OneClickLCA in the Barker's College Hub project**

#### **Part 3A: Context**

1. Could you introduce yourself and your role in the project?

#### **Part 3B: Embodied carbon practice used in the project**

2. Could you describe how embodied carbon was estimated and managed for the project?
3. What were the tools involved?

#### **Part 3C: The use of OneClickLCA in the project**

4. When was OneClickLCA introduced for the project?
5. How was OneClickLCA used in the project?
6. Who was involved in the use of OneClickLCA in the project?
7. What were the challenges you and the team faced when using OneClickLCA?
8. Could you describe the results of using OneClickLCA?