

## APPENDIX G

### SEMI-STRUCTURED INTERVIEW'S RESPONDENTS

No.	Questions	Respondents (LEO/GEO/DIAMOND)				
		Owner	Energy Consultant	Local Authority	Main Contractor	Energy Manager
<b>A</b>	<b>Aim: To gauge stakeholders involvement in the project</b>					
<b>Q1</b>	Were you involved with the project planning process of this project?	√	√	√	√	√
<b>Q2</b>	a. What were your extents of involvement in the project planning process?	√	√	√	√	√
	b. Where would you position yourself, in term of the degree of involvement in the planning process of the project	√	√	√	√	√
<b>Q3</b>	How was the planning process of the project? Who were involved, consulted and taking decision throughout the process?	√	√	√	√	√
<b>B</b>	<b>Aim: - To investigate the sustainability practices of the projects - To gauge the sustainability principles of building to be addressed in the proposed framework - To gauge sustainability performance of the project</b>					
<b>Q4</b>	Does the project have any goal on sustainable environment, social, economic or sustainable design and innovation?	√	√	√	√	√
<b>Q5</b>	What are the project's strategies to achieve the goal for sustainable project?	√	√	√	√	√
<b>Q6</b>	Were the sustainability principles of building specifically considered during the project planning process for their potential impacts on the building whole life outcomes (conceptual and design, construction, operation and maintenance and disposal)?	√	√	√	×	×
<b>Q7</b>	Based on the following scale, how important were the principles of the sustainable building project (refer Table 5.63) to be addressed in the proposed framework and suitable to Malaysian context? Why?	√	√	√	×	×
<b>Q8</b>	To what extent do you think the sustainable building project has delivered (if any) the following sustainability performances?	√	√	√	√	√
<b>Q9</b>	Does any documents of the detail project plan (such as project charter, calendar of activities, time schedule, responsibility matrix, project plan budget, major milestones with target dates, risk management strategy, product specification and working and detail drawing) include or consider with any of the following principles?	√	√	√	×	×
<b>C</b>	<b>Aim: - To investigate the practiced strategies to integrate sustainability principles into the project planning process - To gauge the sustainability integration strategies into the project planning process to be addressed in the proposed framework</b>					
<b>Q10</b>	Did the planning process of the project practiced for the following strategies? Why?	√	√	×	×	×
<b>Q11</b>	Based on the following scale, how important are the listed strategies to integrate sustainability principles into the project planning process. Why?	√	√	×	×	×
<b>Q12</b>	Did any document of guidelines, agreements or project strategies of the sustainable project included or considered with any of the following strategies?	√	√	×	×	×
<b>D</b>	<b>Aim: - To assess project performance - To gauge the link between sustainability integration practices into the project planning process and the project performance</b>					
<b>a. Cost Issue</b>						

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		Owner	Energy Consultant	Local Authority	Main Contractor	Energy Manager
Q13	What were the capital budget and final cost of the project (rough idea would do)?	√	√	×	×	×
Q14	Was any formal cost-benefit analysis such as life-cycle costing undertaken as part of the decision making process on the sustainable building project?	√	√	×	×	×
Q15	Was the upfront cost of the project is higher than a conventional project? How? How about the whole life cost?	√	√	×	√	√
Q16	Did the planning process of this project add more cost than a conventional project planning process? How?	√	√	×	×	×
<b>b. Time Issue</b>						
Q17	What were the estimated time and actual duration of the project (rough idea would do)? Was it any delay?	√	√	√	√	√
Q18	Did the planning process of this project take more time than a conventional project planning process? How?	√	√	√	√	×
Q19	Was it any major change during the project execution? Was it effect the estimated cost and duration of the project? How?	√	√	√	√	√
<b>c. Quality and Stakeholders' Satisfaction Issue</b>						
Q20	Has this building or project received any sustainability awards or green awards or any related awards?	√	√	√	√	√
Q21	Did you hear or receive any complaint about the quality and satisfaction of the project or the building itself? What and Why?	√	√	√	√	√
<b>d. Overall Performances</b>						
Q22	Overall, how do you rate the impact of the project planning process on the performance of the sustainable building project? Please tick and explain why?	√	√	√	√	√
Q23	How about the full set of 22 sustainability principles of building and 20 planning strategies of the proposed framework, do the implementation of the framework will improve building projects performances?	√	√	√	√	√
E	<b>Aim: - To identify the barriers of integrating sustainability into the project</b>					
Q24	Did you encounter any problems or obstructions in integrating sustainability into the project? If so, how?	√	√	√	√	√
Q25	Any other issues?	√	√	√	√	√