Possible New Research Areas

The following questions focus on <insert applicable area(s): DfMA Systems/Advanced Construction Materials/Advanced Inspection/Robotics & Automation/Civil Engineering Solutions/Green Building Solutions/Sustainable Materials/Facilities Management/IDD>

1. What are the pain points of construction industry or that you are trying to solve?

   - What is the industry requirement and current method of achieving this?
   - What are the inadequacies of this method we want to fix?

2. Please describe the technologies/solutions that would address these inadequacies/pain points. What are their technological gaps?

3. Would it be feasible for the industry to adopt the technology/solution? If feasible, would the industry be willing to adopt the technology/solution? Why or why not?
4. Would you be keen to partner Institutes of Higher Learning (IHLs) or other solution providers to develop the technology/solution further? Why or why not?

5. What are the barriers that may hinder adoption of the technology?

6. Are there any other areas that we should focus on? Why?
7. Could you recommend some of the useful technology scanning sources that you have come across?