These questions act as a guide for the conversations we will have with the on-site stakeholders involved in the projects. The questions are meant to act as a reminder to our team as to what information is necessary, not a strict conversation timeline. Some information may be obtained from other sources such as feasibility studies, benchmarking tools, utility bills, etc.

Southern Berkshire Regional School:

Why did you decide to go through with this project? What drove the project process? Were you motivated by being green? To get a sense of why they decided to go through with the project in the first place. To see if their motivations were financial, environmental, a combination, or something else.

What was your biggest concern when this project was proposed? To get an overall reasoning of the biggest challenge that a project of this type could face.

Why did you choose to install a renewable energy system and not continue using fossil fuels? To get a better understanding of why the decided to move forward with a renewable energy system (i.e. were there motivations financial, environmental, or both).

Why did you choose to install a Biomass system over another renewable system? To get a sense of why one system is better than the other system, or why in this project one system will provide more benefits than the other.

- **Cost**
  - **Did the cost presented in the feasibility study match the actual cost of installation?** To determine how accurate the feasibility study was.
  - **Was cost a large concern when considering this project?** To determine how cost influence decision-making.
  - **Was it difficult for you to fund this project?** To determine the effectiveness of the grants and other financial help the state provides.
    - **Grants**
      - **The feasibility study you were presented with included expected grants in the cost analysis. Were you able to successfully obtain these grants?** To determine the ease of application and reception of government grants from the applicant's side.
      - **Were you able to find additional grants to help finance your project?** To better understand how the project was financed.
      - **How easy was it to apply to them?** To gain information on third party grants for comparison with the state grants.

        - **Return on Investment**
            - **Are you on track to break even at or before that point? Or have you already hit it?** This will be useful to predict if the project will reach the break even point by the desired time.
        - **Maintenance cost**
            - **How does the cost of maintenance compare to your old system?** To better understand the maintenance of these new systems compared to the old standards.
        - **Unexpected Cost**
            - **Any cost that was not previously assumed?** To make sure we get the full picture and to make future feasibility studies more complete.
- **Savings**
    - **Energy Savings**
        - **Have you seen any energy savings associated with the implementation of this project?** To understand if the users notice a significant difference in energy efficiency
        - **If so, how much? (If you know)**
    - **Cost Savings**
        - **Was the cost savings of heating and cooling a factor in deciding to go through with the project?** To understand what factors were an incentive for the school
        - **Have the heating and cooling cost savings matched that presented in the feasibility study?** In order to really understand if the renewable system is working as expected, and it is cheaper than fossil fuels.
    - **Gas Emission Savings?** In order to really understand if the renewable system is working as expected, and that if it really reduces the gas emissions.
- **Feasibility**
    - **Building Space**
        - **Was the feasibility report accurate in the amount of building space that would be used?** In order to to understand how a future project could vary from the feasibility study.
        - **Were you able to fit all of the equipment in a non-invasive manner?**
    - **Timeline**

        - **How long did it take to finish the project?** For case studies to inform future potential project sites and to verify the accuracy of the feasibility study.
        - **Did you face any obstacles that made the project take longer than expected?** To get the full picture and possibly modify future feasibility studies to be more complete.
    - **Biomass Availability**
        - **Why Biomass?** In order to understand if biomass is better than geothermal, or any other type of renewable energy.
        - **How reliable is the source of biomass you are currently working with?** To get information for the case studies to reassure future potential projects about the reliability of the fuel.
        - **Have you ever ran out of biomass? If so was it because of the overuse or because you weren't able to obtain biomass on time?** In order to know if you can rely on biomass.
    - **Maintenance Time**
        - **Does maintenance require the turning off of the heating system? If so, for how long? Has this been an obstacle you have faced before?** This is really important because you would be turning the heating system, and it could affect the people in some sort.
- **Aesthetics**
    - **Does the machinery affect the learning process in classrooms nearby it? (Loud sounds, temperature, bad smell, etc)** To better be able to address sites' concerns about disturbances with respect to the learning process in schools.
    - **Does the machinery detract from the visual, olfactory, or audible appeal of your building?** To better be able to address sites' concerns about aesthetic disturbances.
- **Community Support**
    - **Were there people that did not support the project?** To understand how the public generally feels about these projects before they are implemented. To understand how much the public trusts these new technologies.
        - **What were their concerns?**
        - **What role did they play in the community?**
        - **Was this a large obstacle for you to overcome with the project process?**

    - **How hard was it to convince people that this was an improvement for the school?** To understand how easy it is to persuade people to trust these systems.
    - **How did you go about gaining support for this renovation?** To get examples and ideas for future sites about how to influence the public to trust and want these systems.
- **Other**
    - **Have you made other changes to the building? (Insulation, structure, etc).** Other changes such as insulation could cause a lot of energy savings that are not mainly because of the renewable heating system. If we do not take into account our results won't be a 100% accurate.
    - **Have you been able to use this new technology as a teaching instrument for the children in the school about renewable technologies?** Children are the leaders of tomorrow, and teaching students about the advantages of renewable energy will bring a change in the world.

Amherst College:

Why did you decide to go through with this project? What drove the project process? Were you motivated by being green? To get a sense of why they decided to go through with the project in the first place. To see if their motivations were financial, environmental, a combination, or something else.
What was your biggest concern when this project was proposed? To get an overall reasoning of the biggest challenge that a project of this type could face.
Why did you choose to install a renewable energy system and not continue using fossil fuels? To get a better understanding of why the decided to move forward with a renewable energy system (i.e. were there motivations financial, environmental, or both).
Why did you choose to install a Biomass system over another renewable system? To get a sense of why one system is better than the other system, or why in this project one system will provide more benefits than the other.

- **Cost**
    - **Did the cost presented in the feasibility study match the actual cost of installation?** To determine how accurate the feasibility study was.
    - **Was cost a large concern when considering this project?** To determine how cost influence decision-making.
    - **Was it difficult for you to fund this project?** To determine the effectiveness of the grants and other financial help the state provides.

        - **Grants**
            - **The feasibility study you were presented with included expected grants in the cost analysis. Were you able to successfully obtain these grants?** To determine the ease of application and reception of government grants from the applicant's side.
            - **Were you able to find additional grants to help finance your project?** To better understand how the project was financed.
            - **How easy was it to apply to them?** To gain information on third party grants for comparison with the state grants.
        - **Return on Investment**
            - **Are you on track to break even at or before that point? Or have you already hit it?** This will be useful to predict if the project will reach the break even point by the desired time.
        - **Maintenance cost**
            - **If already implemented, was the cost of maintenance correctly quoted in the planning stages?** To determine the accuracy of the feasibility study.
            - **How does the cost of maintenance compare to your old system?** To better understand the maintenance of these new systems compared to the old standards.
        - **Unexpected Cost**
            - **Any cost that was not previously assumed?** To make sure we get the full picture and to make future feasibility studies more complete.

- **Savings**
    - **Energy Savings**
        - **Have you seen any energy savings associated with the implementation of this project?** To understand if the users notice a significant difference in energy efficiency
        - **If so, how much? (If you know)**
    - **Cost Savings**

        - **Was the cost savings of heating and cooling a factor in deciding to go through with the project?** To understand what factors were an incentive for the school
        - **Have the heating and cooling cost savings matched that presented in the feasibility study?** In order to really understand if the renewable system is working as expected, and it is cheaper than fossil fuels.
    - **Gas Emission Savings?** In order to really understand if the renewable system is working as expected, and that if it really reduces the gas emissions.
- **Feasibility**
    - **Building Space**
        - **Was the feasibility report accurate in the amount of building space that would be used?** In order to to understand how a future project could vary from the feasibility study.
        - **Were you able to fit all of the equipment in a non-invasive manner?**
    - **Timeline**
        - **How long did it take to finish the project?** For case studies to inform future potential project sites and to verify the accuracy of the feasibility study.
        - **Did you face any obstacles that made the project take longer than expected?** To get the full picture and possibly modify future feasibility studies to be more complete.
    - **Biomass Availability**
        - **Why Biomass?** In order to understand if biomass is better than geothermal, or any other type of renewable energy.
        - **How reliable is the source of biomass you are currently working with?** To get information for the case studies to reassure future potential projects about the reliability of the fuel.
        - **Have you ever ran out of biomass? If so was it because of the overuse or because you weren't able to obtain biomass on time?** In order to know if you can rely on biomass.
    - **Maintenance Time**
        - **How frequently is maintenance required?** In order to compare the maintenance of the renewable system vs. the maintenance of a system working on fossil fuel.

        - **Is it expensive?** To know if it is more expensive than the maintenance of a system that is based on fossil fuel.
        - **Does maintenance require the turning off of the heating system? If so, for how long? Has this been an obstacle you have faced before?** This is really important because you would be turning the heating system, and it could affect the people in some sort.
- **Aesthetics**
    - **Does the machinery affect the learning process in classrooms nearby it? (Loud sounds, temperature, bad smell, etc)** To better be able to address sites' concerns about disturbances with respect to the learning process in schools.
    - **Does the machinery detract from the visual, olfactory, or audible appeal of your building?** To better be able to address sites' concerns about aesthetic disturbances.
- **Community Support**
    - **Were there people that did not support the project?** To understand how the public generally feels about these projects before they are implemented. To understand how much the public trusts these new technologies.\
        - **What were their concerns?**
        - **What role did they play in the community?**
        - **Was this a large obstacle for you to overcome with the project process?**
    - **How hard was it to convince people that this was an improvement for the school?** To understand how easy it is to persuade people to trust these systems.
    - **How did you go about gaining support for this renovation?** To get examples and ideas for future sites about how to influence the public to trust and want these systems.
- **Other**
    - **Have you made other changes to the building? (Insulation, structure, etc).** Other changes such as insulation could cause a lot of energy savings that are not mainly because of the renewable heating system. If we do not take into account our results won't be a 100% accurate.
    - **Have you been able to use this new technology as a teaching instrument for the children in the school about renewable technologies?** Children are the leaders of tomorrow, and teaching students about the advantages of renewable energy will bring a change in the world.

Sudbury Public Housing:

Why did you decide to go through with this project? What drove the project process? Were you motivated by being green? To get a sense of why they decided to go through with the project in the first place. To see if their motivations were financial, environmental, a combination, or something else.

What was your biggest concern when this project was proposed? To get an overall reasoning of the biggest challenge that a project of this type could face.

Why did you choose to install a renewable energy system and not continue using fossil fuels? To get a better understanding of why the decided to move forward with a renewable energy system (i.e. were there motivations financial, environmental, or both).

Why did you choose to install an Air Source Heat Pump system over another renewable system? To get a sense of why one system is better than the other system, or why in this project one system will provide more benefits than the other.

- **Cost**
  - **Did the cost presented in the feasibility study match the actual cost of installation?** To determine how accurate the feasibility study was.
  - **Was cost a large concern when considering this project?** To determine how cost influence decision-making.
  - **Was it difficult for you to fund this project?** To determine the effectiveness of the grants and other financial help the state provides.
    - **Grants**
      - **The feasibility study you were presented with included expected grants in the cost analysis. Were you able to successfully obtain these grants?** To determine the ease of application and reception of government grants from the applicant's side.
      - **Were you able to find additional grants to help finance your project?** To better understand how the project was financed.
      - **How easy was it to apply to them?** To gain information on third party grants for comparison with the state grants.
    - **Return on Investment**

            - **What was your break-even point?** To see if it matches the feasibility study
            - **Are you on track to break even at or before that point? Or have you already hit it?** This will be useful to predict if the project will reach the break even point by the desired time.
        - **Maintenance cost**
            - **If already implemented, was the cost of maintenance correctly quoted in the planning stages?** To determine the accuracy of the feasibility study.
            - **How does the cost of maintenance compare to your old system?** To better understand the maintenance of these new systems compared to the old standards.
        - **Unexpected Cost**
            - **Any cost that was not previously assumed?** To make sure we get the full picture and to make future feasibility studies more complete.
- **Savings**
    - **Energy Savings**
        - **Have you seen any energy savings associated with the implementation of this project?** To understand if the users notice a significant difference in energy efficiency
        - **If so, how much? (If you know)**
    - **Cost Savings**
        - **Was the cost savings of heating and cooling a factor in deciding to go through with the project?** To understand what factors were an incentive for the school
        - **Have the heating and cooling cost savings matched that presented in the feasibility study?** In order to really understand if the renewable system is working as expected, and it is cheaper than fossil fuels.
        - **Gas Emission Savings?** In order to really understand if the renewable system is working as expected, and that if it really reduces the gas emissions.

- **Feasibility**
    - **Building Space**

        - **Was the feasibility report accurate in the amount of building space that would be used?** In order to to understand how a future project could vary from the feasibility study.
        - **Were you able to fit all of the equipment in a non-invasive manner?**
    - **Timeline**
        - **How long did it take to finish the project?** For case studies to inform future potential project sites and to verify the accuracy of the feasibility study.
        - **Did you face any obstacles that made the project take longer than expected?** To get the full picture and possibly modify future feasibility studies to be more complete.
    - **Biomass Availability**
        - **Why Biomass?** In order to understand if biomass is better than geothermal, or any other type of renewable energy.
        - **How reliable is the source of biomass you are currently working with?** To get information for the case studies to reassure future potential projects about the reliability of the fuel.
        - **Have you ever ran out of biomass? If so was it because of the overuse or because you weren't able to obtain biomass on time?** In order to know if you can rely on biomass.
    - **Maintenance Time**
        - **How frequently is maintenance required?** In order to compare the maintenance of the renewable system vs. the maintenance of a system working on fossil fuel.
        - **Is it expensive?** To know if it is more expensive than the maintenance of a system that is based on fossil fuel.
        - **Does maintenance require the turning off of the heating system? If so, for how long? Has this been an obstacle you have faced before?** This is really important because you would be turning the heating system, and it could affect the people in some sort.
- **Aesthetics**
    - **Does the machinery affect the learning process in classrooms nearby it? (Loud sounds, temperature, bad smell, etc)** To better be able to address sites' concerns about disturbances with respect to the learning process in schools.

- **Does the machinery detract from the visual, olfactory, or audible appeal of your building?** To better be able to address sites' concerns about aesthetic disturbances.

- **Community Support**
  - **Were there people that did not support the project?** To understand how the public generally feels about these projects before they are implemented. To understand how much the public trusts these new technologies.
    - **What were their concerns?**
    - **What role did they play in the community?**
    - **Was this a large obstacle for you to overcome with the project process?**
  - **How hard was it to convince people that this was an improvement for the school?** To understand how easy it is to persuade people to trust these systems.
  - **How did you go about gaining support for this renovation?** To get examples and ideas for future sites about how to influence the public to trust and want these systems.
- **Other**
  - **Have you made other changes to the building? (Insulation, structure, etc).** Other changes such as insulation could cause a lot of energy savings that are not mainly because of the renewable heating system. If we do not take into account our results won't be a 100% accurate.
  - **Have you been able to use this new technology as a teaching instrument for the children in the school about renewable technologies?** Children are the leaders of tomorrow, and teaching students about the advantages of renewable energy will bring a change in the world.