# Project

## Properties

* **ProjectId** *(string)*
* **IsPublic** *(boolean)*: If the project’s data is publicly available for benchmarking and comparison.
* **IsLocked** *(boolean)*: If the project’s data is locked, it can no longer be edited.
* **ClientName** *(string)*: The client or common name for the project.
* **YourReferenceCode** *([‘string’, ‘null’])*: Your internal reference code for this project.
* **Aliases** *([‘array’, ‘null’])*: Your aliases for the project.
  + **Items** *([‘string’, ‘null’])*
* **Collaborators** *([‘array’, ‘null’])*: A list of contributors and viewers for this project.
  + **Items**: Refer to *#/definitions/ProjectCollaboratorUnit*.
* **HandoverDate** *(string)*
* **EnvironmentalStrategy** *([‘string’, ‘null’])*: See /Lookups/EnvironmentalStrategies.
* **GrossInternalFloorArea** *(number)*: The GIA for the entire project footprint. Unit: m2.
* **Sessions** *(array)*
  + **Items**: Refer to *#/definitions/SessionUnit*.
* **Structures** *([‘array’, ‘null’])*: The individual buildings or structure groups that make up the project.
  + **Items**: Refer to *#/definitions/StructureUnit*.
* **Sectors** *(array)*: Based on CIBSE Guide F. See /Lookups/Sectors.
  + **Items** *([‘string’, ‘null’])*
* **Types** *(array)*: Based on CIBSE Guide F. See /Lookups/Types. Types that do not belong to the sectors selected will not be displayed.
  + **Items** *([‘string’, ‘null’])*
* **Tags** *([‘array’, ‘null’])*: All the tags applied to this project.
  + **Items** *([‘string’, ‘null’])* ## Definitions
* **CarbonFactorUnit** *(object)*
  + **ElectricityCarbonFactor** *(number)*
  + **ElectricityMethodology** *(string)*: Default is derived from SAP10.1 for the session year.
  + **GasCarbonFactor** *(number)*
  + **GasMethodology** *(string)*: Default is derived from SAP10.1 for the session year.
  + **OilCarbonFactor** *(number)*
  + **OilMethodology** *(string)*: Default is derived from SAP10.1 for the session year.
  + **BiodieselFromBiomassCarbonFactor** *(number)*
  + **BiodieselMethodology** *(string)*: Default is derived from SAP10.1 for the session year.
  + **CoalCarbonFactor** *(number)*
  + **CoalMethodology** *(string)*: Default is derived from SAP10.1 for the session year.
  + **BiomassCarbonFactor** *(number)*
  + **BiomassMethodology** *(string)*: Default is derived from SAP10.1 for the session year.
  + **BiogasCarbonFactor** *(number)*
  + **BiogasMethodology** *(string)*: Default is derived from SAP10.1 for the session year.
* **EmbodiedCarbonBreakdown** *([‘object’, ‘null’])*
  + **SectionName** *(string)*
  + **AllowsCustomComponents** *(boolean)*: You can only add custom components to sections where this is true.
  + **Components** *([‘array’, ‘null’])*
    - **Items**: Refer to *#/definitions/EmbodiedCarbonComponent*.
* **EmbodiedCarbonComponent** *([‘object’, ‘null’])*
  + **ComponentName** *(string)*
  + **Units**: Refer to *#/definitions/Unit*.
  + **ComponentValue** *(number)*
  + **SequestersCarbon** *(boolean)*
* **Fuel** *([‘object’, ‘null’])*
  + **FuelName** *(string)*
  + **PercentageOfTotal** *(number)*
* **OperationalEnergyBreakdown** *([‘object’, ‘null’])*
  + **Sections** *([‘array’, ‘null’])*
    - **Items**: Refer to *#/definitions/OperationalEnergySection*.
* **OperationalEnergyComponent** *([‘object’, ‘null’])*
  + **ComponentName** *(string)*
  + **Units**: Refer to *#/definitions/Unit*.
  + **ComponentValue** *(number)*
  + **GeneratesPower** *(boolean)*
  + **FuelMix** *([‘array’, ‘null’])*: Optional. See /lookups/FuelTypes. The mix total must equal 100%.
    - **Items**: Refer to *#/definitions/Fuel*.
* **OperationalEnergySection** *([‘object’, ‘null’])*
  + **SectionName** *([‘string’, ‘null’])*
  + **AllowsCustomComponents** *(boolean)*: Custom components are only valid in sections where this is true.
  + **Components** *([‘array’, ‘null’])*
    - **Items**: Refer to *#/definitions/OperationalEnergyComponent*.
* **ProjectCollaboratorUnit** *([‘object’, ‘null’])*
  + **CollaboratorId** *(string)*: The id for the user or company collaborating on the project.
  + **CollaboratorName** *(string)*
  + **CollaboratorType** *(string)*: The type of collaborator. See /lookups/collaboratorTypes.
  + **RoleOnProject** *(string)*: The role of the collaborator. See /lookups/collaboratorRoles.
  + **CollaboratorReferenceForProject** *([‘string’, ‘null’])*
  + **AddedOn** *(string)*
  + **BaseAccessLevel** *(string)*: The maximum level of access this collaborator has to the project. See /security for more details.
  + **IsCreator** *(boolean)*
* **SessionUnit** *([‘object’, ‘null’])*
  + **SessionId** *(string)*
  + **SessionDate** *(string)*
  + **GrossInternalFloorArea** *(number)*: Overriden by structure GIA, if supplied.
  + **Occupancy** *(number)*: Estimated or actual building occupancy.
  + **StructureId** *([‘string’, ‘null’])*: If supplied, provides occupancy and GIA.
  + **Methodology** *(string)*: See /lookups/ReadingMethodologies.
  + **Workstage** *(string)*: See /lookups/Workstages.
  + **CalculationSoftware** *([‘string’, ‘null’])*
  + **Notes** *([‘string’, ‘null’])*
  + **TotalAnnualElectricityUse** *(number)*: Unit: kWh/m2.y.
  + **TotalNonElectricEnergyUse** *(number)*: Unit: kWh/m2.y.
  + **TotalRenewableContribution** *(number)*: Unit: kWh/m2.y.
  + **OperationalEnergyTotal** *(number)*: Unit: kWh/m2.y.
  + **OperationalEnergyCarbon** *(number)*: Unit: kgCO2e.
  + **OperationalEnergyBreakdown**: Refer to *#/definitions/OperationalEnergyBreakdown*.
  + **TotalEmbodiedCarbon** *(number)*: Unit: kgCO2e.
  + **EmbodiedCarbonBreakdown**: Refer to *#/definitions/EmbodiedCarbonBreakdown*.
  + **PotableWaterUse** *(number)*: Unit: m3.
  + **CarbonFactors**: Refer to *#/definitions/CarbonFactorUnit*.
* **StructureUnit** *([‘object’, ‘null’])*
  + **StructureId** *(string)*
  + **StructureName** *(string)*
  + **StructureGIA** *(number)*: The Gross Internal Area for this structure.
  + **Occupancy** *(integer)*: Occupancy.
  + **Sectors** *([‘array’, ‘null’])*: Based on CIBSE Guide F. See /Lookups/Sectors.
    - **Items** *([‘string’, ‘null’])*
  + **Types** *([‘array’, ‘null’])*: Based on CIBSE Guide F. See /Lookups/Types. Types that do not belong to the sectors selected will not be displayed.
    - **Items** *([‘string’, ‘null’])*
  + **Tags** *([‘array’, ‘null’])*: All the tags applied to this structure.
    - **Items** *([‘string’, ‘null’])*
* **Unit** *(object)*
  + **UnitString** *(string)*