**Switch2Save Architectural Design Competition**

**Submission Brief - Template**

**Submission registration number: [xxx]**

**Please provide input to the following questions. Your answers will be the basis for the evaluation of your submission by the competition jury.**

1. **Design Concept & Level of innovation**

Please, elaborate on your design concept. Provide a short description of your idea behind your design and in particular with respect to the glazed areas. Considering the specifications of the EC/TC IGUs, make reference to any parameters relevant to the integration of the EC/TC Insulating Glass Units, like aesthetic integration, dimensions of the IGUs, innovative aspects or challenges faced, or any other parameter that lead to the proposed design as a response to the competition brief. [max 800 words]

1. **Energy Saving Concept**

Describe how your project addresses the need for energy efficiency (in view of the EU energy targets), and how the design maximizes the energy saving potential of EC/TC Insulating Glass Units (e.g external shading, orientation, window-to-wall ratio). [max 800 words]

1. **Exploitation of Switch2Save EC/TC (and their smart functionalities\*) & replicability of the approach**

Explain also how your approach in integrating the EC/TC Insulating Glass Units with their smart functionalities can be replicated or up-scaled in other contexts (e.g. with respect to different building scales, uses, materials and technologies selection)

[max 800 words]

1. **User comfort**

Describe how your project is considering the users’ comfort in overall, and how you see this being enhanced by the EC/TC IGUs (e.g., thermal and visual comfort, user controls etc.). [max 500 words]

*\*Smart functionalities: IGUs with controllable g-value through the integration of passive dynamical or active dynamic systems. EC/TC IGUs enable the combination of multiple types of passive and/or active energy smart technologies to one Insulating Glass Unit, maximising thus the energy saving potential.*