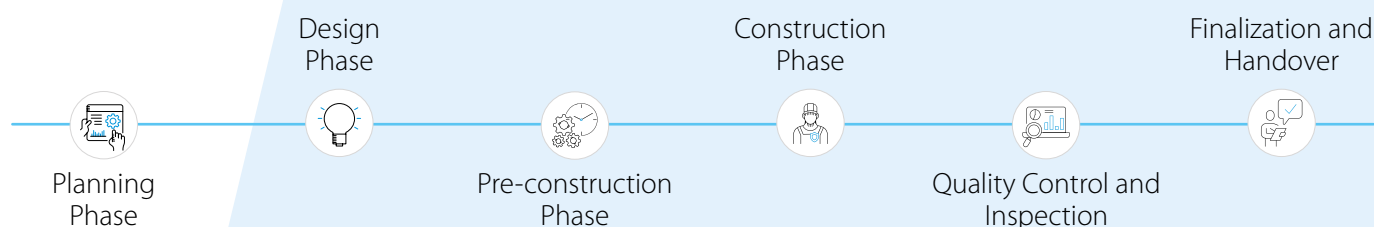




Renovating a Commercial Building

Key Steps for Success

Renovating a commercial building is a significant endeavour, often requiring careful planning and execution to achieve success. This white paper outlines the essential steps involved in the renovation process to help stakeholders navigate through the different steps in such projects. Completing such renovation works can help increase the value of the property as well as the lease price. If energetic renovation works are also implemented, they could lead to reduced running & operational costs as well as an increase in Green Image for the companies operating inside of the building.

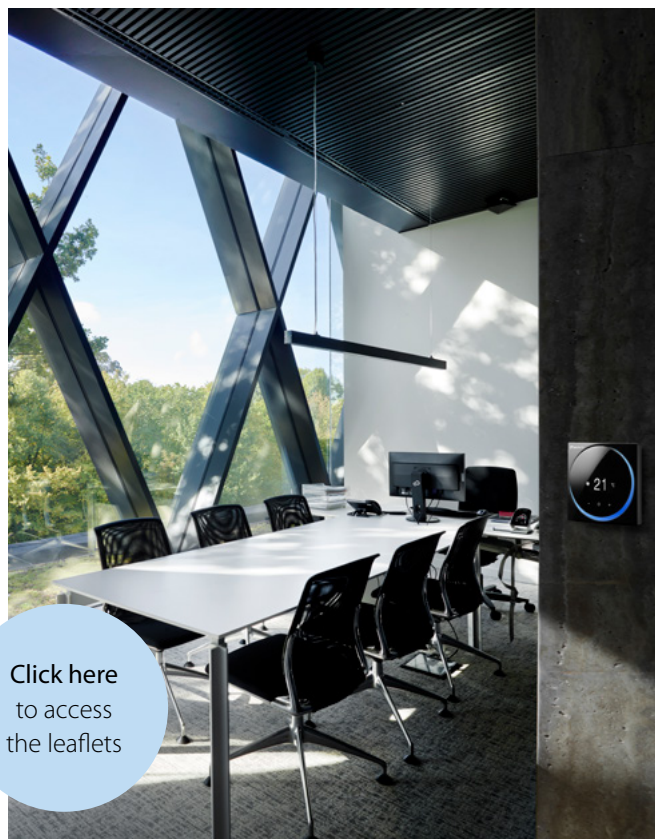




Planning Phase

In the planning phase, a **comprehensive assessment of the current condition of the building is conducted**. Renovation goals and objectives are defined, considering factors such as functionality, aesthetics, and sustainability. Establishing a realistic budget and timeline is crucial, along with obtaining necessary permits and approvals from relevant authorities. This phase is also the one where a **Green Building Certification** can be planned in, such as BREEAM or LEED. To accompany you during this phase, Daikin provides:

- Three leaflets linked to Green Buildings (BREEAM, LEED & EPDs) which underline the impact that Daikin solutions can have on your building certification.
- A ROI calculator that helps estimating the savings linked to a new HVAC system as well as CO₂ emissions reduction. Every country has a scheme of government grants available for energetic renovation, our local Daikin experts can help you navigate them and select which ones to apply for.
- An energy audit service that could help analyse your current HVAC system to see if it dimensioned properly. The necessary adjustments to the installation can be done in the following steps of renovation.



[Click here to access the leaflets](#)



As a **LEED** and **BREEAM** expert, Daikin offers advice and the solutions to reach the sustainable performance of your building you want within the budget you foresee.

[Click here to contact our experts now!](#)

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Design Phase

During the design phase, **architects or designers are hired to develop detailed plans and drawings** that align with the renovation objectives. Material selection, finishes, and fixtures are carefully chosen, taking into account both aesthetic appeal and practicality. Compliance with building codes and regulations is ensured to avoid delays and complications during the construction phase. Depending on the type of renovation, the building layout and/or activity might change. **If an existing VRF HVAC system is present on site, it is possible to preserve the laid piping and modify it without having to tear everything out** thanks to our Daikin replacement VRV technology present in our VRV IV+ & Q ranges. If a new system is to be provided, you can benefit from our wide range of solutions, suitable for every application.



Pre-construction Phase

The pre-construction phase involves **assembling the project team, including contractors and subcontractors**. A detailed project schedule is developed, outlining the sequence of tasks and milestones.

Procurement of materials and equipment is also essential to ensure timely delivery and availability during construction. Effective communication channels are established among stakeholders to facilitate collaboration and decision-making. By choosing Daikin as your HVAC partner, **we are able to help you put your project team together thanks to one of the widest network of professional installers & consultants**.

Our network comes with a gauge of quality, guaranteeing that the necessary trainings have been followed to properly install & commission your installation, leading to an accrued peace of mind, out of the box.





Construction Phase

In the construction phase, the **renovation plans are brought to life** through the execution of structural changes, system upgrades, and installation of interior finishes. Demolition of existing structures may be necessary, followed by the construction of new elements such as walls, floors, and ceilings. Attention to detail and adherence to quality standards are paramount to achieving the desired outcome. **Thanks to our LOOP by Daikin program, all the refrigerant present in the current HVAC installation can be recuperated**, regenerated and put back into a new VRV out of our factory in Ostend. Those VRVs come with a LOOP by Daikin sticker, guaranteeing the recycling of refrigerant.



Quality Control and Inspection

Throughout the renovation process, **regular site inspections are conducted** to monitor progress and ensure compliance with specifications. Any issues or deviations from the original plan are addressed promptly to prevent delays and cost overruns. Final inspections and certifications are obtained to confirm that the renovated building meets all necessary requirements for occupancy.

At the end of the installation, a Daikin technician is dispatched to check the quality of installation as well as start the system up, guaranteeing operation and putting the Daikin stamp of approval on your project.



Choosing **LOOP by Daikin** means we handle your on-site refrigerant and regenerate it, so it can be re-used, reducing the CO₂ impact.



Quality check and service contract to guarantee optimum operation.

Click here to
contact our
experts now!



Finalization and Handover

As the project nears completion, **finishing touches such as landscaping and exterior detailing** are added to enhance the overall appearance of the building. Final walkthroughs and inspections are conducted to identify any remaining deficiencies or deficiencies. Upon satisfactory completion, occupancy permits and certificates are obtained, and the renovated building is handed over to the owner or tenants. If you wish to do so, **Daikin can offer you service contracts for your HVAC system, helping extend the life of your installation and guarantee comfort & peace of mind for a long time.**



Conclusion

Successful renovation of a commercial building requires careful planning, effective communication, and meticulous execution. By following the key steps outlined in this white paper, stakeholders can navigate through the renovation process with confidence and achieve their desired outcomes. In every step, Daikin is your partner in a successful HVAC installation & renovation.

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