


# Climate Excellence – Real Estate

## Retrofit Analysis



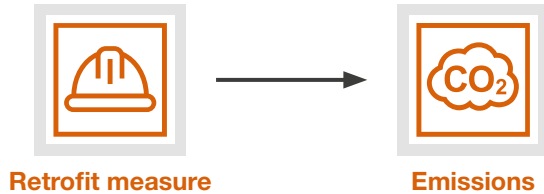


Which retrofit measures will lead us onto an adequate reduction path?

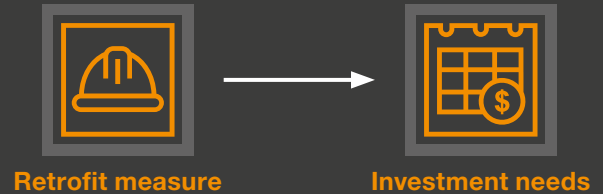
Which scenarios are suitable benchmarks for our energy and emission reductions?

What is the necessary investment volume?

The new module enables you to analyse the effect of individual retrofit measures on your building's CO<sub>2</sub> emissions and energy demand.



Due to new functions you are able to estimate the investment requirements of the chosen retrofit measures and compare them.



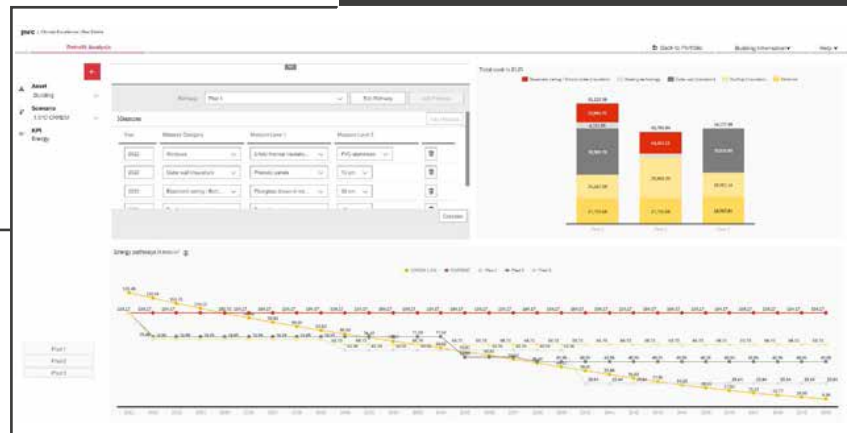
How can I improve my current emissions and energy needs with different retrofit measures compatible with scenario requirements?

- What are the current energy consumption and CO<sub>2</sub> emissions of my building and which target values do the scenarios specify?
- What measures are available to improve my building and ensure that it meets future requirements?
- What is a plausible and sufficient reduction pathway?

What are the investment requirements for the different retrofit measures?

- What is the respective scenario- and region-specific investment need?
- Which costs are associated with the various measures?
- How can the timing and combination of retrofit measures be designed as cost-efficiently as possible?

The tool combines PwC's areas of expertise in real estate know-how and climate scenario analysis.



# What can I use the new module for?

The retrofit module helps with the assessment and development of a retrofit strategy and its cost planning



Consideration of retrofit costs in the valuation process



Documentation of the energetic baseline



Assessment of potential stranding risk



Optimising the cost efficiency of retrofit measures



Deepening the climate scenario analysis according to the best practice recommendations of the Corporate Sustainability Reporting Directive of the EU



Integration into risk management



# What makes the new module special?

Based on the reliable Climate Excellence software

Various retrofit measures

Assessment of emissions and costs



- Benchmarking against the 1.5°C and 2.0°C scenario reduction paths of the Carbon Risk Real Estate Monitor (CRREM)
- Choose between three transitory scenarios of the International Energy Agency (IEA), which are continuously updated
- Specific pathways by building types and scenario
- Approximation of building information on the basis of existing features, if detailed information is not available
- Derive specific retrofit measure that are in line with the scenario targets for your buildings



# Any other questions? Contact our experts



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You want to know more about  
the new retrofit module?

Further insights on our **Climate  
Excellence** website:  
<https://www.pwc.de/en/climate-excellence>



For detailed information on **Climate  
Excellence for Real Estate** click here



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PwC Germany. More than 13,000 dedicated people at 21 locations. €2.61 billion in turnover.  
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