

# Evaluation of the smartengine Technology for LEED Certifications

## Positive Influence on LEED Scoring with smartengine

LEED is the world's leading standard for the certification of sustainable buildings. In addition to energy efficiency and resource conservation, health and comfort play an important role in today's building and are a key factor for LEED.

LEED is a benchmark and incentive to plan, build and operate buildings in a more sustainable way. A total of 110 credits can be achieved in a total of 9 main categories (LEED v4 New Construction).

Depending on the number of credits achieved, four distinction levels are awarded: Certified, Silver, Gold and Platinum.

Certified > 40 Credits  
Silver > 50 Credits  
Gold > 60 Credits  
Platinum > 80 Credits



The **smartengine technology** from wtec scores particularly well in the two main LEED categories: "Energy and Atmosphere" and "Indoor Environmental Quality" as well as additional areas including "Innovation in Design".

The smartengine technology contributes directly or in combination with the implementation of other technologies to the achievement of the following credits:

- Fundamental and Enhanced Commissioning up to **4 Credits**
- Minimum and Optimize Energy Performance up to **18 Credits**
- Advanced Energy Metering **1 Credit**
- Interior Lighting **1 Credit**
- Innovation in Design up to **5 Credits**

The specific number of credits is to be determined by the respective LEED AP (LEED specialist). The exact number of points which can be achieved by wtec will be determined on a project-specific basis.

### Summary of the advantages of smartengine technology for LEED certification:

energy savings, material savings due to the elimination of distributed drivers or ballasts, checking and securing thermal comfort, support for the commissioning and monitoring process, user influence and future increases or monitoring of air quality.

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