

# Optimizing energy with big data, in real time with Siemens EEA

[siemens.com/eea](https://www.siemens.com/eea)



Discover opportunities to optimize your energy use through Siemens' Energy Efficiency Analytics (EEA), our cloud-based solution for big data collection, processing, and analytics. Reduce CO<sub>2</sub> emissions, strategically approach complex tariffs, and boost your operations – regardless of industrial sector. Our software-as-a-service product helps you to better understand your consumption behaviors, while leveraging opportunities to increase energy efficiency.

## Let your data do the work for you

Energy consumption is the key to savings and increased efficiency. Once you realize how much energy you consume and how it's used, you can find ways to optimize. Our modular and cost-effective cloud-based solution captures big data for monitoring and analysis. Making it easier for you to better understand energy-use and behavior patterns.

Behind every great solution is even better technology. Siemens EEA was developed to grow with you, allowing for scalability as requirements increase. The platform behind the application captures large amounts of data with an adequate system to store, manipulate, retrieve, and analyze these data. And all of this through a secure connection to the cloud.

### Generate additional savings



Save up to 25% of energy consumption caused by energy-intensive equipment. By the way: The savings generated by EEA are constantly over-achieving the expectations of our clients!

### Try it: risk-free



We offer flexible business models with outcome-based options, so you get your return on invest as quickly as possible. Moreover, EEA does not impact your business processes nor require a production stop. And of course, it holds up to the Siemens standards in data privacy and security.

### Easy and quick implementation



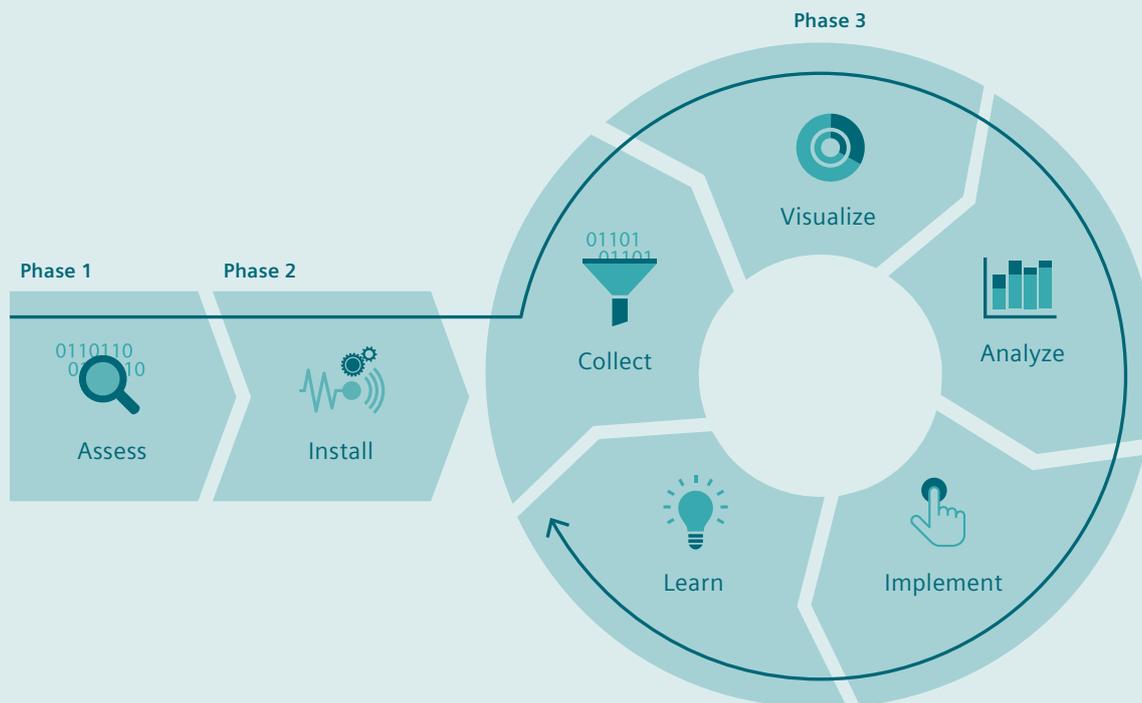
You can apply Siemens' EEA independently from your equipment's manufacturer. Our equipment-agnostic software delivers actionable saving recommendations right from the beginning. The SaaS-business model allows you to continuously achieve additional savings over time.

### AI and power domain expertise combined



Apply state of the art AI technology from a software that is shaped by the energy domain know-how of our Siemens experts. Unlimited real-time and high frequency measurements delivers the data upon which your recommendations for actions are built.

# Get the tools you need. Collect the data you want.



## Phase 1: Assessment

To begin, EEA experts evaluate your current energy consumption – taking your industry and your company’s unique needs into consideration. After developing an individualized metering concept, our software predicts your potential savings. No CAPEX: Financial options are available through Siemens Financial Services.

## Phase 2: Installation

We’ll install the hardware – meters, sensors, and communication devices – near the monitored equipment or integrated into existing panels. Then our experts will commission the system and validate the secure data upload to the cloud.

## Phase 3: Analyze. Learn. Repeat.

Make your business leaner, stronger, and more profitable. Discover new saving opportunities as more and more data is collected and analyzed. Continue to benchmark against your other facilities and between your vendors to see where you can improve and where you’re already “getting it right.”

## Monitor. Analyze. Optimize.

Read more about how Siemens Energy Efficiency Analytics (EEA) can transform your energy use at [www.siemens.com/eea](http://www.siemens.com/eea)

### Published by Siemens AG 2020

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Article-No. SIDG-B10051-00-7600  
Printed in Germany  
Dispo 06200  
hl 18023548 WS 0318

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