



Choose certainty.  
Add value.

## Energy efficiency Improvement for companies 企业能效提升服务

Reduce energy costs and achieve  
competitive advantage.  
降低能源成本，获取竞争优势。



### Your challenges

High energy prices pose great challenges to companies. With energy costs expected to continue their upward trend, companies need to continue reducing their energy costs to stay competitive.

Keeping energy costs low can start from various parts of the company – from energy purchasing to energy consumption, e.g. by using secondary energy sources or more efficient technologies.

TÜV SÜD's multidisciplinary team of experts in plant engineering, electrical and building services engineering and construction engineering provides in-depth analysis of your organisation's energy efficiency level.

### 您的挑战

高额的能源价格高对企业带来巨大的挑战。预计能源成本将呈现继续向上趋势，公司需要实现持续降低能源成本的目标，才能保持竞争力。

降低能耗可以从公司的每个细节处挖掘——从能源采购到能源消耗，例如：利用二次能源或更高效的技术。

在TÜV南德意志集团的企业增效节能咨询服务中，具有多学科背景的专家团队能够帮助您在设备工业工程、电气及建筑服务工程中提供深入的分析。



Analysis is based on document review, a detailed on-site inspection and complementary measurements. Our expert analyses your energy-supply contracts, production processes, the condition of your facilities and systems as well as your building services infrastructure. Subsequently, we work closely with you to develop an energy-efficiency plan customized to your needs that rationalizes your use of energy.

## Our services

### Energy Assessment in accordance with EN 16247

- Organization Evaluation
- Behaviour & Practice
- Monitoring & Targeting
- Utilities Opportunity Identification
- Process Opportunity Identification

### Customized Energy Efficiency Training Module

- Energy Fundamentals
- Energy Assessment
- Energy Technologies
- Measurement & Verification
- Energy Management System
- Economic Analysis
- Energy Management Contract

### Energy Management System Consultancy

- Energy Management Development
- Energy Management Deployment
- Continuous Monitoring & Improvement
- EMS Certificate

### Support for implementation

- Support for Bidding and Assessment of Offers

能效分析包含对文档的审核，详细的现场检查以及进行补充测量。我们的专家将会分析您的能源供应合同、生产流程、设施和系统的运行状况以及基础设施建设等。随后，我们会与企业密切合作，开发一个节能计划，使您更趋合理的定制您的能耗需求。我们能够根据我们的经验帮助您的投资在短时间内得到回报，同时我们也乐于挖掘您在节能减耗方面的潜力。

## 我们提供的服务

### 遵循 EN 16247的节能评估服务

- 组织机构评估
- 行为和实践评估
- 监测和目标评估
- 公用设施节能机会识别
- 工艺流程节能机会识别

### 定制化的能效培训模块服务

- 能源基础
- 能效评估
- 能效技术
- 测量与验证
- 能源管理体系
- 项目经济分析
- 合同能源管理

### 能源管理体系咨询服务

- 能源管理的开发
- 能源管理的部署
- 持续的监测改进
- 帮助获取能源管理体系证书

### 项目实施支持服务

- 对招标及评估提供支持



## Road Map for Improvement 提高企业能效路线图

Energy Management Policy 能源管理政策	Energy Efficiency Assessment 能效评估	Energy Plan 能源计划	Implementation 实施	Measurement & Inspection 监测与检查
<ul style="list-style-type: none"> <li>Energy policy communications and analysis 原有能源政策的沟通、分析</li> <li>New policy design 设计新的能源政策</li> </ul>	<ul style="list-style-type: none"> <li>Organisation evaluation 组织机构评估</li> <li>Practice evaluation 行为实践评估</li> <li>Benchmarking evaluation 标杆管理评估</li> <li>Identify energy saving opportunity 节能机会识别</li> </ul>	<ul style="list-style-type: none"> <li>Establish measurable strategy and implementation targets 建立可测量的战略与实施目标</li> <li>Energy improvement action plan 能源改进行动计划</li> </ul>	<ul style="list-style-type: none"> <li>Implement energy improvement plan 实施能源改进计划</li> </ul>	<ul style="list-style-type: none"> <li>Periodic inspection energy improvement 定期检查能源改进的效果</li> </ul>
Consulting Service 咨询服务	Energy Efficiency Assessment 能效评估	Consulting Service 咨询服务	Supporting Service 支持服务	Consulting Service 咨询服务
Training Course 培训课程				
<ul style="list-style-type: none"> <li>Energy Foundation 能源基础</li> <li>Energy Management System 能源管理体系</li> </ul>	<ul style="list-style-type: none"> <li>Energy Efficiency Assessment 能效评估</li> <li>Energy Efficiency Technology 能效技术</li> </ul>	<ul style="list-style-type: none"> <li>Economy Analysis 经济分析</li> <li>Energy Performance Contracting (EPC) 合同能源管理</li> </ul>		<ul style="list-style-type: none"> <li>Measurement &amp; Verification 测量与检验</li> </ul>



### Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider specialising in testing, inspection, auditing, certification, training and knowledge services. Represented by more than 22,000 employees across 800 locations worldwide, TÜV SÜD's service portfolio adds value to businesses, consumers and the environment.

TÜV SÜD's energy efficiency business cover energy efficiency testing, energy & water audit/assessment, green building consulting, EnMS consulting, carbon management service etc.

### 权威认证，创享价值

TÜV南德意志集团是一家优质、安全和可持续发展的专业测试、检验、审核、认证、培训和知识服务解决方案提供商。公司在全世界覆盖800多处，员工约22,000人，TÜV南德意志集团的服务为企业、消费者和环境提升价值。

TÜV南德意志集团主要的能效服务包含能效测试，能源及水系统审计、评估，绿色建筑咨询，能源管理体系咨询以及温室气体排查等。

\* Some of the services listed are provided due to local regulations only and may not be available in other regions. Please contact us for further details.

\* 上述部分服务可能由于当地法规的原因而无法在您的地区提供。欢迎您与我们联系咨询。

### Our branch companies or offices in Greater China:

我们在大中华区的分公司及办事处:

Shanghai	上海	Tel.: +86 21 6141 0123	Suzhou	苏州	Tel.: +86 512 6809 5318	Changchun	长春	Tel.: +86 431 8462 9833
Shanghai Testing Center	上海测试中心	Tel.: +86 21 6037 6300	Chengdu	成都	Tel.: +86 28 8952 0656	Shenzhen	深圳	Tel.: +86 755 8828 6998
Industry Material Testing Lab	上海工业材料实验室	Tel.: +86 21 6014 9880	Hangzhou	杭州	Tel.: +86 571 8111 0758	Guangzhou	广州	Tel.: +86 20 3832 0668
Hong Kong	香港	Tel.: +852 2776 1323	Changzhou	常州	Tel.: +86 519 8123 9872	Xiamen	厦门	Tel.: +86 592 7706 188
Hong Kong Lab	香港元朗实验室	Tel.: +852 2443 3774	Chongqing	重庆	Tel.: +86 23 8980 9513	Dongguan	东莞	Tel.: +86 769 2168 7092
Wuxi	无锡	Tel.: +86 510 8820 3737	Beijing	北京	Tel.: +86 10 6590 6186	Quanzhou	泉州	Tel.: +86 595 2281 3681
Ningbo	宁波	Tel.: +86 574 2786 6658	Tianjin	天津	Tel.: +86 22 8319 2258	Changsha	长沙	Tel.: +86 731 8458 5815
Yongkang	永康	Tel.: +86 579 8711 7995	Qingdao	青岛	Tel.: +86 532 8503 0106	Liuzhou	柳州	Tel.: +86 772 3858 696
Nanjing	南京	Tel.: +86 25 8779 0058	Dalian	大连	Tel.: +86 411 8230 4203	Taipei	台北	Tel.: +886 2 2898 6818
Hefei	合肥	Tel.: +86 551 6537 8730	Shenyang	沈阳	Tel.: +86 24 6223 3726	Taichung	台中	Tel.: +886 4 2287 0566
Taizhou	台州	Tel.: +86 576 8966 1886						