



| Best Practice | ENERGY PURCHASE: ENERGY MARKET, OFFERS, INVOICES, GREEN ENERGY | ENMA-05 |
|---------------------------------|---|---------|
| Application | Energy management | |
| SME sector | All | |
| SME Sub-sector | All | |
| Recommendation for optimisation | <ul style="list-style-type: none"> • Understand and read your bill • Renegotiate and anticipate your contract: <ul style="list-style-type: none"> - Analyse the possible rates on certain taxes; the power levels to be subscribed and the electricity transmission options, tariffs (flat rate or not, with or without subscription, fixed or indexed), green electric, capacity, etc. - Request an estimate of the budget (excluding VAT) for the last 12 months and which mentions 3 of the following elements (suppliers, deliveries, and taxes). - Consult a broker to get the best rates - Ask suppliers what additional services they can offer: an online platform to monitor their consumption or load curves, etc. - Anticipate the renegotiation of their contracts. - The cancellation period is often equivalent to 45 days / possibility to negotiate 6-12 months in advance: <ul style="list-style-type: none"> o Electricity: Discussion 6 months before the due date o Gas: as soon as possible and preferably between April and October • Adhere to a renewable offer (green energy: energy from renewable sources). <p>It is thus possible to benefit from a guarantee of origin: an electronic document that certifies that for each MWh of electricity consumed an equivalent quantity of renewable electricity is fed into the grid.</p> | |
| Schemes and diagrams | <p>Some possible options for reducing energy costs</p> | |



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| Economics | <p>The cost of energy consists of three parts:</p> <ul style="list-style-type: none"> • Energy supply – approx. 50%: negotiable • Electricity transmission: non-negotiable but optimizable • Taxes: not negotiable but in some cases optimizable | |
| Energy savings | 5-15% | |
| Economic savings | <p>5-15%</p> <p>A better understanding of invoices allows you to monitor and optimize in a better way, which implies a reduction in consumption and consequently an increase in savings</p> | |
| Average Payback Time | Less than 3 years | |
| Emissions | The measure does not involve any emission. | |
| Environmental benefits | The environmental benefits are enhanced by the purchase of green energy. | |
| Main NEBs (Multiple benefits) | <input checked="" type="checkbox"/> Environmental benefits <input type="checkbox"/> Increased productivity <input type="checkbox"/> Work environment/ Health/Safety <input type="checkbox"/> Increased competitiveness <input type="checkbox"/> Maintenance | <p>The better understanding of your invoices allows for better monitoring and optimization, which results in a reduction in consumption thus an increase in savings.</p> |
| Replicability | High | |
| Related measures | <ul style="list-style-type: none"> • ENMA-01: Human resources • ENMA-02: Follow-up of energy consumption: indicators, energy monitoring • ENMA-03: Implementation of an energy management system according to ISO 50001 standard • ENMA-04: Contribution of an independent expert for energy management • ENMA-06: Regulatory obligations • ENMA-07: Financial support for energy management | |

This Best Practice was developed by the Impawatt Project (GA No. 785041) and adapted for the GEAR@SME Project (GA No. 894356)