

What does this indicator reflect?

This indicator reflects the total amount of energy (electricity, heat and fuels) delivered to all final users in transport, industry and built environment.

Final energy consumption



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RELEVANCE - Why does it matter for Switzerland?

Final energy consumption provides an absolute measure of the energy used in Switzerland per year, allowing the trend to be followed over time. It is significant as an absolute number since it considers energy from all sources, whether imported or not. Reducing final energy consumption over time and across sectors is important since energy of all types (renewable as well as non-renewable) brings negative impacts in some form.

Final energy consumption can provide an indicator of overall energy intensity of a country by taking a national total of final energy consumption and dividing by a measure of economic activity, such as GDP (a coarser measure is per head of population). A high level of energy intensity indicates that a country's economy uses relatively more energy to produce a unit of economic activity than one with a lower intensity. Comparing countries with economies that have similar industry mixes (not necessarily of the same size) thus reveals which are more energy efficient globally.

At a sector level, energy intensity can also be compared over time and between countries by dividing the total sector final energy consumption by a sector measure of activity per year, such as total floor area, total industrial output or total vehicle-km. It is important that reductions in one sector are not outweighed by increases in another.

SWISS CONTEXT/GLOBAL CONTEXT

SWISS CONTEXT

- Swiss final energy consumption across all sectors has XXXXXXXXXXXXX
- Swiss energy intensity (per unit of GDP) has XXXXXXXXXXXXX. This compares favourably with countries such as US and UK (XX and XX), but unfavourably with XXXXXXXXX
- Swiss sector energy intensity in transport, for example, has increased/declined from XXXXXXXXXXXXX to XXXXXXXXX

GLOBAL CONTEXT

- Global final energy consumption has XXXXXXXX over time by XXXXX per year
- Global energy intensity has XXXXXXXXXXXXX over the same period. On a per capita basis XXXXXXXX
- As countries develop economically their output often moves from agriculture and primary resources to industry and then to services. This brings a rise and then fall in energy intensity. Over time successive countries have 'tunnelled' under their predecessors as more efficient technologies become available

REFERENCES

[1]

[2]

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.dokuwiki div.page { padding: 5px; } #wrapper #content h1 { margin-top: 0; padding-top: 0; }
#wrapper #content.padded, #wrapper #content .padded { padding: 0 0px; } #wrapper #content
.blocWrapper { margin: 0 5px 0 5px; } #wrapper #content .blocGroupWrapper { margin: 0; width:
940px; float: left; } #wrapper #content .bloc { float: left; margin: 0px 10px 10px 0px; } #wrapper
#content .bloc header { padding: 1px 5px; } #wrapper #content .bloc header.lined { border-bottom:
1px solid #c2c2c2; } #wrapper #content .bloc h2 { font-size: 20px; font-family: 'ProximaNovaCond-
Light'; color: #535559; font-weight: normal; text-transform: uppercase; margin: 0; } #wrapper
#content .bloc.single { width: 300px; } #wrapper #content .bloc.double { width: 610px; } #wrapper
#content .bloc.triple { width: 920px; } #wrapper #content .bloc.bgWhite { background: #fff; }
#wrapper #content .bloc header.bgOrange h2 { color: #fff; font-weight: normal; } #wrapper
#content .bloc header.bgOrange .blocLink { border-left: 1px solid #fe984d; color: #fff; } #wrapper
#content .bloc .blocLink { float: right; line-height: 17px; border-left: 1px solid #c2c2c2; padding-left:
20px; font-size: 14px; text-transform: uppercase; padding-top: 3px; color: #535559; font-family:
'ProximaNovaCond-Regular'; } #wrapper #content .bloc .newsBloc { border-bottom: 1px solid
#c2c2c2; padding: 0px 0px 20px 0px; /*padding-bottom: 20px;*/ margin-bottom: 20px; } #wrapper
#content .bloc .newsBloc h3 { font-size: 14px; margin-bottom: 10px; } #wrapper #content .bloc
.newsBloc p { font-size: 13px; line-height: 17px; margin-bottom: 10px; } #wrapper #content .bloc a {
```

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color: #00a9e0; text-decoration: none; font-size: 14px; } #wrapper #content .half { width: 50%; float:
left; } #wrapper #content .larged { width: 33%; float: left; } #wrapper #content .questionAnswer h4
{ color: #fe6b00; margin-bottom: 10px; font-size: 14px; line-height: 17px; } #wrapper #content
.questionAnswer h4 img { float: left; margin-right: 4px; } #wrapper #content .questionAnswer p {
font-size: 13px; line-height: 17px; margin-bottom: 10px; } #wrapper #content .questionAnswer p img
{ float: left; margin-right: 4px; } #wrapper #content .questionAnswer .bg { float: left; color: #fff;
border-radius: 8px; width: 15px; height: 15px; text-align: center; font-size: 11px; font-weight: normal;
} #wrapper #content .questionAnswer .bg.question { background: #fe6b00; } #wrapper #content
.questionAnswer .bg.answer { background: #535559; } #wrapper #content .intro { margin-bottom:
60px; } #wrapper #content .intro .img { float: left; width: 460px; } #wrapper #content .intro .txt {
float: left; width: 480px; } #wrapper #content .intro .txt h1 { font-family: 'ProximaNovaCond-
Semibold'; font-size: 44px; color: #1d1d1b; text-transform: uppercase; margin-bottom: 6px; }
#wrapper #content .intro .txt h2 { font-family: 'ProximaNovaCond-Light'; font-size: 32px; color:
#535559; text-transform: uppercase; margin-bottom: 6px; } #wrapper #content .intro .txt p { color:
#1d1d1b; font-size: 16px; line-height: 20px; margin-bottom: 20px; } #wrapper #content
#newsWrapper { background: #fff; } #wrapper #content #newsWrapper .news { padding: 20px; }
#wrapper #content #newsWrapper .news .img { float: left; /*width: 280px;*/ width: 220px; }
#wrapper #content #newsWrapper .news .txt { float: left; width: 100px; padding-left: 10px; }
#wrapper #content #newsWrapper .news h3 { font-family: 'ProximaNovaCond-Light'; font-size: 16px;
text-transform: uppercase; margin-bottom: 8px; } #wrapper #content #newsWrapper .news h2 {
font-family: 'ProximaNovaCond-Regular'; font-size: 28px; margin-bottom: 15px; } #wrapper #content
#newsWrapper .news p { font-size: 16px; margin-bottom: 20px; } #wrapper #content
#newsWrapper.detail { margin-bottom: 20px; } #wrapper #content #newsWrapper.detail img {
width: 440px; float: left; margin: 0 20px 20px 0; } #wrapper #content #faqWrapper h2 { text-align:
center; font-family: 'ProximaNovaCond-Semibold'; font-size: 26px; text-transform: uppercase; color:
#1d1d1b; margin-bottom: 20px; } #wrapper #content #faqWrapper .blocWrapper .bloc { height:
200px; position: relative; } #wrapper #content #faqWrapper .blocWrapper .bloc .content { padding:
20px; } #wrapper #content #faqWrapper .blocWrapper .bloc h3 { font-family: 'ProximaNovaCond-
Semibold'; font-size: 26px; text-transform: uppercase; color: #1d1d1b; text-align: left; } #wrapper
#content #faqWrapper .blocWrapper .bloc h4 { font-family: 'ProximaNovaCond-Light'; font-size: 19px;
text-transform: uppercase; color: #1d1d1b; margin-bottom: 20px; } #wrapper #content #faqWrapper
.blocWrapper .bloc .bluecornerlink { position: absolute; bottom: 20px; } #wrapper #content
#faqWrapper .blocWrapper .bloc .bluecornerlink a { color: #fff; } #wrapper #content
#faqWrapper.detail { margin-bottom: 40px; } #wrapper #content #faqWrapper.detail li {
background: #fff; padding-top: 20px; border-bottom: 1px solid #c2c2c2; cursor: pointer; } #wrapper
#content #faqWrapper.detail li .number { float: left; width: 30px; height: 30px; margin: 0 35px 15px
15px; text-align: center; background: #fe6b00; border-radius: 15px; line-height: 30px; color: #fff; }
#wrapper #content #faqWrapper.detail li .question { float: left; font-family: 'ProximaNovaCond-
Regular'; font-size: 28px; line-height: 30px; width: 840px; padding-bottom: 20px; padding-right: 20px;
} #wrapper #content #faqWrapper.detail li .question p { font-size: 28px; line-height: 30px; }
#wrapper #content #faqWrapper.detail li .answer { display: none; background: #fff; padding: 20px
20px 20px 80px; font-size: 16px; line-height: 20px; } #wrapper #content #faqWrapper.detail li
.answer p { margin-bottom: 20px; } #wrapper #content #faqWrapper.detail li.active { background:
#fe6b00; } #wrapper #content #faqWrapper.detail li.active .number { background: #fff; color:
#fe6b00; } #wrapper #content #faqWrapper.detail li.active .question { color: #fff; } #wrapper
#content #faqWrapper.detail li.noborder { border-bottom: none; } #wrapper #content
#lexiqueWrapper .ulWrapper { text-align: center; } #wrapper #content #lexiqueWrapper .ulWrapper
ul li { display: inline-block; *display: inline; zoom: 1; border-right: 1px solid #c2c2c2; padding: 0 11px;
} #wrapper #content #lexiqueWrapper .ulWrapper ul li.noborder { border: none; } #wrapper
#content #lexiqueWrapper .ulWrapper ul li a { color: #535559; font-family: 'ProximaNovaCond-Light';
font-size: 18px; } #wrapper #content #lexiqueWrapper .ulWrapper ul li a.active { color: #000; }

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#wrapper #content #lexiqueWrapper #listWrapper { margin: 20px 0; } #wrapper #content
#lexiqueWrapper #listWrapper ul li { background: #fff; padding: 20px; border-bottom: 1px solid
#c2c2c2; } #wrapper #content #lexiqueWrapper #listWrapper ul li h4 { font-family:
'ProximaNovaCond-Regular'; font-size: 24px; margin-bottom: 6px; } #wrapper #content
#lexiqueWrapper #listWrapper ul li p { margin-bottom: 20px; } #wrapper #content #map { width:
100%; height: 550px; background: #e8e8e8; } /* TEXTE PAGES ET ADMION */ #content.text,
.redactor_box { font-family: Arial, Helvetica, Sans Serif; font-size: 16px; color: #333333; padding:
20px; } #content.text body, .redactor_box body { background: none; } #content.text h1,
.redactor_box h1, #content.text h3, .redactor_box h3 { font-family: 'ProximaNovaCond-Light'; color:
#535559; font-size: 32px; text-transform: uppercase; } #content.text h3, .redactor_box h3 { font-
size: 20px; } #content.text h2, .redactor_box h2, #content.text h4, .redactor_box h4 { font-family:
'ProximaNovaCond-Semibold'; font-size: 44px; color: #000; text-transform: uppercase; margin-
bottom: 10px; } #content.text h4, .redactor_box h4 { font-size: 26px; } #content.text p,
.redactor_box p { color: #333333; margin-bottom: 20px; } #content.text #wysiwyg, .redactor_box
#wysiwyg { margin-bottom: 80px; } #content.text ul li, .redactor_box ul li { margin-bottom: 10px;
line-height: 20px; display: block; padding-left: 20px; background: url(lib/tpl/ses/images/bg_bullet-
text.png) top left no-repeat; background-position: 0 8px; } #content.text table, .redactor_box table {
margin-top: 50px; } #content.text table td, .redactor_box table td { vertical-align: top; }
#content.text table td p, .redactor_box table td p, #content.text table td li, .redactor_box table td li {
font-family: Arial, Helvetica, Sans Serif; font-size: 16px; color: #535559; } #content.text table td.w50,
.redactor_box table td.w50 { width: 460px; padding-right: 20px; } #content.text table td.w50.right,
.redactor_box table td.w50.right { width: 460px; padding-right: 0; } hr { background: none; border:
none; border-top: 1px solid #c2c2c2; } hr.marged { margin: 40px 0; } .pagination { margin: 20px
auto 40px auto; height: 20px; } .pagination ul li { float: left; padding: 0 10px; border-left: 1px solid
#c2c2c2; } .pagination ul li a { font-family: 'ProximaNovaCond-Light'; font-size: 20px; line-height:
23px; color: #797a7f; } .pagination ul li a.active { color: #000; } .pagination ul li.prev, .pagination ul
li.next { width: 11px; height: 20px; } .pagination ul li.prev, .pagination ul li.nobl, .pagination ul li.next
{ border-left: 0; } .paddedContent { padding: 20px; } #sponsorsWrapper { margin: 40px 0 30px
20px; } #sponsorsWrapper h2 { font-family: 'ProximaNovaCond-Regular'; font-size: 14px; text-
transform: uppercase; } #sponsorsWrapper .sponsor { float: left; margin-right: 60px; }
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