



# Sustainability/CO<sub>2</sub> reduction measures Implemented by the DDO

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<b>DDO, general</b>	<ul style="list-style-type: none"><li>• Waste separation (paper, card, PET, glass, tins and cans, batteries, plastic, electrical materials)</li><li>• Toner cartridges are returned to the supplier</li><li>• Other waste materials are collected and disposed of appropriately (Congress Centre skip)</li></ul>
<b>Procurement of office supplies</b>	<ul style="list-style-type: none"><li>• Procurement from local partners</li><li>• Bulk purchases</li><li>• Delivery direct to offices, rather than packaging-intensive postal delivery</li><li>• Bulk purchase of printer paper (lots of two pallets)</li></ul>
<b>Tourist information &amp; sports centre buildings</b>	<ul style="list-style-type: none"><li>• Conventional light bulbs replaced with LED lighting throughout</li></ul>
<b>Staff accommodation</b>	<ul style="list-style-type: none"><li>• Heating systems in both new buildings replaced with geothermal energy</li></ul>
<b>Tourist information &amp; tourist tax</b>	<ul style="list-style-type: none"><li>• Printed tourist maps replaced by digital maps</li><li>• Digital storage of documents; e.g. proof of postage and purchase orders for office supplies are no longer printed</li><li>• Plastic coffee cups replaced with mugs</li><li>• Milk/cream for coffee breaks is provided in small bottles rather than individual portions</li><li>• Printed stationery used as notepads</li><li>• Old envelopes and stationery reused for internal mail</li><li>• Number of light sources reduced in closed offices</li><li>• Electronic devices switched off or put in sleep mode when leaving workstations</li></ul>
<b>Marketing</b>	<ul style="list-style-type: none"><li>• Printed brochures (e.g. hotel and holiday home directory, A-Z, guide) replaced by myDavosKlosters magazine</li><li>• Volume of printed materials reduced</li><li>• Tour operators/media: information provided on USB drives instead of as printed documents</li></ul>
<b>Communication</b>	<ul style="list-style-type: none"><li>• Annual Report produced digitally, rather than printed, since 2018</li><li>• Climate-neutral printing of the myDavosKlosters magazine</li><li>• Climate-neutral printing of Christmas cards</li></ul>
<b>Human Resources</b>	<ul style="list-style-type: none"><li>• Monthly payslips no longer sent by post</li></ul>
<b>Sporting &amp; cultural events</b>	<ul style="list-style-type: none"><li>• Deposit return scheme replaced plastic cups for the first time at the 2019 Summer Festival at Klosters</li></ul>
<b>Congress Centre</b>	<ul style="list-style-type: none"><li>• Local suppliers/products used where possible and seasonal catering</li><li>• Glasses instead of plastic cups</li><li>• Environmentally friendly waste disposal</li><li>• Recycling</li><li>• Solar panels on the Congress Centre roof produce power that feeds into the public grid</li><li>• No air conditioning; outdoor air used for cooling</li><li>• 'Graubünden Kongressticket' (Grisons Congress Ticket) for travel by public transport for congress participants</li></ul>

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<b>Sports facilities</b>	<ul style="list-style-type: none"><li>• Waste heat from the systems used to cool indoor ice rinks is used to heat the swimming pool and Congress Centre</li><li>• Waste heat from the systems used to cool indoor ice rinks is supplied to the swimming pool and Congress Centre.</li><li>• Around 1,300 MWh of thermal energy provided in this way saves approx. 130,000 litres of fuel oil (2017)</li><li>• Exploratory drilling has identified groundwater.</li><li>• By incorporating this groundwater into the waste heat recovery system, it is anticipated that the amount of thermal energy provided will increase to around 1,600 MWh. Various technical improvements were implemented during 2017 in order to achieve this goal.</li><li>• By integrating the cooling system of the Eistraum ice rink, it will also be possible to harness its waste heat (winter 2019 / 20).</li></ul>
<b>Indoor swimming pool</b>	<ul style="list-style-type: none"><li>• Lighting system switched to LED in 2016.</li><li>• Since mid-July 2017, solar panels on the roofs of the swimming pool and Congress Centre have been producing electricity for the buildings' own consumption.</li><li>• It is anticipated that around 250 MWh of solar power will be used in this way in 2018.</li><li>• Events are powered exclusively using electricity produced in Davos</li></ul>
<b>Ice stadium</b>	<ul style="list-style-type: none"><li>• Waste heat recovery from the cooling system was further optimised during renovation of the arena.</li></ul>
<b>Training centre</b>	<ul style="list-style-type: none"><li>• The solar power system has been given to the municipality and the electricity is used by the ice rink and training centre.</li></ul>
<b>Spengler Cup</b>	<ul style="list-style-type: none"><li>• The Spengler Cup is a major sporting event and an integral part of a sustainability scheme supported by the municipality and the DDO.</li><li>• The waste separation scheme is being extended and organised more efficiently</li></ul>
<b>Targets agreed with the Energy Agency of the Swiss Private Sector (ENAW)</b>	<ul style="list-style-type: none"><li>• The indoor swimming pool and ice rink consume a lot of power and have agreed targets with the Energy Agency of the Swiss Private Sector (ENAW).</li><li>• In order to meet these targets, a package of measures has been put together. These measures have to be implemented by 2024 and are designed to reduce consumption of both electricity and fossil fuels by 20%.</li><li>• Initial assessments indicate that the measures that have already been implemented are well on target.</li></ul>
<b>Municipality of Davos Municipality of Klosters-Serneus</b>	<ul style="list-style-type: none"><li>• The municipalities have been awarded the 'Energy Town' label</li></ul>

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