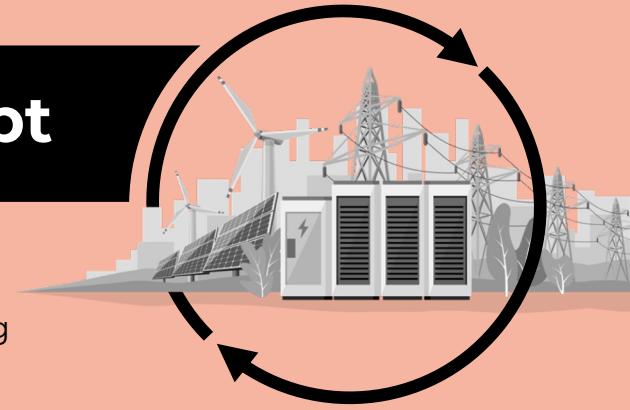


Sustainable Energy Concept

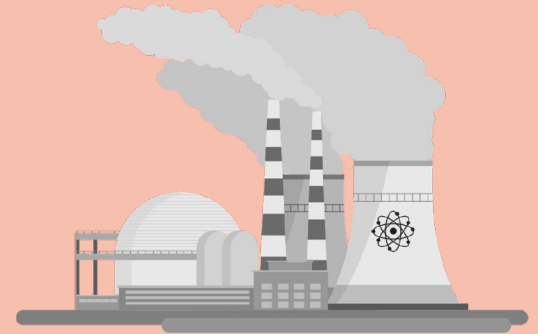
One of the biggest contributors to CO₂ emissions at large events is the high energy consumption caused by the stage show (including stage technology and lighting effects) and the gastronomy. At the Tempelhof Lab, the use of 100% green electricity significantly reduced CO₂ emissions while maintaining the same level of performance.



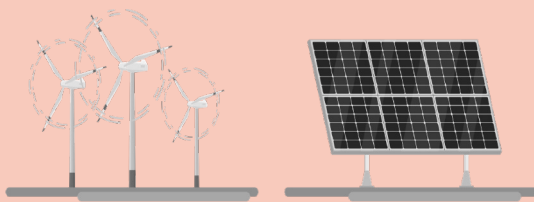
100% Renewable

1 Conventional concept

The electricity mix used at concerts is generally highly dependent on local conditions. Nevertheless, green power potentials often remain unused due to factors such as cost optimization on the part of the organizers, with the result that a lot of CO₂ is emitted. In addition, due to the lack of stationary electric power, mobile solutions such as diesel-powered generators are used, which represent a further environmental burden.



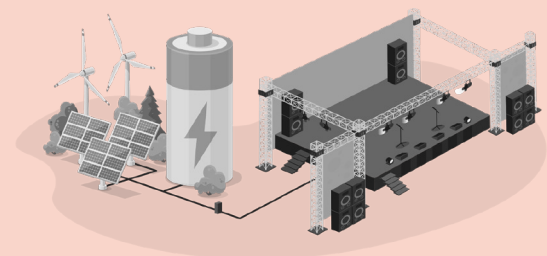
2 Tempelhof Lab



For the Tempelhof Lab, 100% of the electricity for the stage and catering was obtained from renewable energies. The supplier was Berliner Stadtwerke. According to the Berliner Stadtwerke, this saves **~ 310 g of CO₂ per kWh of electricity**. Calculated over the entire concert series, the Tempelhof Lab thus achieves CO₂ savings of **~ 14.57 t CO₂**. Berliner Stadtwerke invests its revenue from green electricity in the expansion of alternative and sustainable sources of electricity^[1]. HVO^[2] fuel was used as a temporary solution to cover safety-relevant areas such as light poles, which have to be operated autonomously. HVO^[2] emits **up to 90 %** less carbon dioxide than conventional diesel.

3 Ideal concept

Externally sourced or locally generated energy from circular solar or wind power systems can cover the overall energy demand while generating no future hazardous waste (from non-recyclable or poorly recyclable generation facilities). The use of recyclable batteries can ensure availability and supply to hard-to-reach or self-sufficient areas. A climate- and resource-positive energy balance can be achieved in this way. Innovative solutions such as "kinetic" dance floors are an optimal complement to the playful communication of the topic.



1 | Funds are used to enhance the expansion of solar installations in Berlin
 2 | Hydrogenated Vegetable Oil von TOOL-FUEL: Fossilsfreier Kraftstoff auf Basis von pflanzlichen Ölen, welcher durch Hydrierung, eine katalytische Reaktion mit Wasserstoff, in Kohlenwasserstoffe umgewandelt und somit an fossile Brennstoffe angepasst wird