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## CEPC development towards a sustainable green Higgs factory

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CEPC is a circular electron positron Higgs factory of 100km circumference. CEPC TDR has been completed in Dec. 2023 and EDR has been started since 2024. CEPC is planned to start the construction around 2027 and complete around 2035 followed by two years commissioning. A sustainable green CEPC Higgs factory philosophy has been adopted and applied in both the optimization designs on scientific outputs vs CO<sub>2</sub> emission, and relevant key technologies' developments, industrial fabrications, operations scheme, green energy utilization, heat recovery, etc. In this talk, the above mentioned aspects are reported.

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