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## Cooling and ventilation concepts for the FCC

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The cooling and ventilation systems are an integral part of the functioning of any accelerator but even more complex and challenging for the FCC due to the huge distances between sites and shafts.

The presentation will outline the proposed cooling and ventilation concepts and the challenges involved.

Furthermore it will give an outlook of the phase 2 studies that will be conducted with external experts and consultants.

The phase 2 studies will also include an in-depth study of the environmental impact in terms of energy- and water consumption, heat recovery, waste water and air exhaust.

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