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## Development for cooling and ventilation systems

*Wednesday 11 April 2018 13:30 (25 minutes)*

New inputs from different actors have triggered modifications in the design of the cooling and ventilation infrastructure for the FCC. In this presentation, the new parameters and constraints will be shown as well as the current technical proposals to fulfil the new and the still-valid previous requirements. Among other topics, the author will focus, in particular, on the ventilation of the tunnel to manage emergency cases such as smoke detection or oxygen deficiency and on the ventilation of areas with high heat loads. The presentation will also assess the implementation of a new water treatment to reduce water consumption by reducing cooling towers blowdown.

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