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Sustainability for Einstein Telescope Computing

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Einstein Telescope (ET) is the proposed third generation ground-based gravitational wave observatory to be built in Europe in the mid-2030s. Sustainability is a key concern for Research Infrastructures and, thanks to its significant computing needs, ET has been charged with incorporating Sustainability criteria in its Computing Model already at the design phase. Although new, dedicated ET computing facilities will be limited in size, they will still consume significant energy. Distributed computing, using shared facilities, is expected to represent the majority of computing resources and thereby energy consumption. This presentation will summarise the current understanding of sustainability issues for Einstein Computing.

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