**Green Data Centers - Guidelines**

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**Abstract**

The presentation prepares the ground for energy efficient data centers with a focus on Sri Lanka. Sri Lanka has a growing ICT sector but an emerging energy problem. Since data centers typically use a lot of energy, this is an area which Sri Lanka can start to focus and develop guidelines. The importance of energy efficiency and where and how to save energy in data centers is described along with a series of common metrics and standards used in the industry. Finally, some discussion on the ITU efforts in this area are also presented.