Towards Sustainability: An Interoperability Outline for a Regional ARC based infrastructure into the EGEE infrastructures

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Interoperability of grid infrastructures is becoming increasingly important in the emergence of large scale grid infrastructures based on national and regional initiatives. To achieve interoperability of grid infrastructures adaptions and bridging of many different systems and services needs to be tackled. A grid infrastructure offers services for authentication, authorization, accounting, monitoring, operation besides from the services for handling and data and computations. This paper presents an outline of the work done to integrate the Nordic Grid Infrastructure, which for the compute part is based on the ARC middleware, into the EGEE grid infrastructure. Especially, a thorough description of integration of the compute services will presented.