Background

The project will impart knowledge about costeffective, safe and sustainable upgrading and refurbishment of hydropower plants. Such plants are subject to operational and value changes as a result of changes in operating requirements, coming mainly from environmental concerns and market changes that ultimately stem from a transition to a more sustainable power system. Major choices involved in upgrading and expansion of hydropower plants include timing of commencement, size/scale, and technology changes, such as new tunnels, a reduction or expansion in the number of power stations or different turbine/generator configurations. The main objective in this project is to develop models and methods for calculation of future revenues for hydropower and to support decisions regarding optimal investments in upgrading and expansion projects.



Solbergfoss kraftverk

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Investment decisions in upgrading and refurbishment of hydropower plants

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