

What is powerhouse Kjørboe?

Powerhouse Kjørboe is the world first rehabilitated pluss-house. This implies that it over its expected timespan of 60 years will produce more renewable energy than it consumes, including the production of material and rehabilitation. The Powerhouse partnership consists of Entra Eiendom, Skanska, Hetta architects, Hydro, Sapa and Asplan Viak.

What is a powerhouse model?

This consortium developed the 'Powerhouse model' that compensates for energy use in all phases of the building's life: material production, construction, operation and demolition. It means that the buildings should produce more energy over its service life (60 years) than it uses.

Who is the Powerhouse Partnership?

The Powerhouse partnership consists of Entra Eiendom, Skanska, Hetta architects, Hydro, Sapa and Asplan Viak. They shared a vision of constructing a pluss-house in the cold and tough climate of Scandinavia.

Powerhouse Kjørbo is the first renovated office building in the world that produces more energy than it consumes. It contains two office blocks from the 80'ties, which were transformed into contemporary and modern office premises. With the use of solar panels, Powerhouse Kjørbo produces more than 200,000 kWh annually.

Powerhouse Kjørbo in Sandvika outside of Oslo opened in April 2014 and is the first finished project of the Powerhouse collaboration. Two office buildings from the early 1980s have been refurbished, reducing their energy use by 90 ...

Powerhouse Kjørbo, Bærum Snøhetta . Tipo Comercial / Oficina ; Fecha 2012 - 2014; ... Viak y la firma de administración de propiedades Entra Eiendom con el objetivo de renovar un conjunto de oficinas en Kørbo, una localidad marítima de la municipalidad de Bærum, en las afueras de Oslo.

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Powerhouse Telemark vil produsere ca 239 000 kWh per år fra eget solcelleanlegg, og vil med dette bli et lite kraftverk som leverer overskuddsstrøm tilbake til nettet. Det jobbes i tillegg med å se på løsninger for å levere fornybar elektrisitet fra solcelleanlegget direkte til nabobygninger i området. ... Powerhouse Kørbo Til ...

Powerhouse Kjørbo Libya

Powerhouse Kjørboe is the world first rehabilitated plus-house. This implies that it over its expected timespan of 60 years will produce more renewable energy than it consumes, including the production of material and rehabilitation. ...

Kjørbo is situated by the seafront in Sandvika in Bærum municipality outside of Oslo, Norway. The two renovated buildings were originally built in 1980 and each cover approximately 2 600 m². Together they had an energy consumption of 250kWh per square meter annually.

The first project realised by the collaboration partners was Powerhouse Kjørbo, located in Sandvika outside Oslo, Norway. This was the first energy-positive building in Norway, and probably the first renovated energy-positive building in the world. ... Powerhouse Brattøkaia opened its doors to the world in August 2019. You can also find ...

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SUMMARY Powerhouse Kjørbo is a refurbished commercial building in Sandvika, Norway which was completed in 2014. The goal of the project was to make an energy positive building by compensating the energy demand for the production of materials and components, the construction installation process, energy for operation and end-of-life treatment with onsite ...

Skolens l sninger for oppvarming, kj ling og ventilasjon bygger p  prinsippene fra Powerhouse Kjørbo, men er videreutviklet og optimalisert med tanke p  byggets funksjon og kostnadsramme. Total kostnad for bygget, inkludert ...

The Powerhouse Kjørbo project was developed to achieve the classification "Outstanding" in the BREEAM-NOR environmental certification scheme (the Norwegian version of the international ...

In the Powerhouse Kjørbo the plus energy goal relied on commercially available technology as well as close collaboration between the partners. The floor area of the 5 180 m² was retrofitted utilising an innovative design process. Constant dialogue between stakeholders with different expertise has enabled integrated and holistic solutions to ...

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Powerhouse Kjørbo, located outside of Oslo, Norway, opened in April 2014 and is the first Powerhouse project to be completed by the group. By optimizing and combining existing technologies in new ways, the two office ...

Powerhouse Kjørbo er blant verdens grønneste bygg og Powerhouse-samarbeidet, som står bak bragden, har flyttet grenser i bygge-næringen. Annonse Powerhouse-samarbeidet består av Entra Eiendom, Skanska, Snøhetta, miljøorganisasjonen ZERO, aluminiumselskapet Hydro, aluminiumprofilselskapet Sapa og rådgivningselskapet Asplan Viak.

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