

What is powerhouse Kjørbo?

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.

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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, Snøhetta architects, Hydro, Sapa and Asplan Viak. They shared a vision of constructing a plus-house in the cold and tough climate of Scandinavia.

These Powerhouse projects are developed in collaboration with research institutions including the Research Centre on Zero Emission Buildings in Norway; and SINTEF, Scandinavia's largest independent research body amongst others. ... Powerhouse Kjørbo is the world's first renovated energy positive building. Studio Space.

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 percent.

Powerhouse Kjørbo, Bærum, Norway Program: renovation Architects: Snøhetta Contractor: Skanska Environmental organization: ZERO Aluminium: Sapa and Hydro Consultancy: Asplan Viak Property-management: Entra Eiendom Client: Entra Eiendom Area: 5,200 sqm Completion: February 2014

Introducing Powerhouse Kjørbo - the architectural marvel just outside Oslo that's rewriting the sustainability playbook! ? Formerly two '80s office blocks, this powerhouse has undergone a sophisticated transformation led by brilliant, hard working people. This cutting-edge space isn't just a building; it's the first energy-positive Powerhouse in Norway.

Fakta om Powerhouse Kjørbo: Kjørbo ligger ved vannet i Sandvika i Bærum kommune og

Entra Eiendom eier kontorbyggene på området. Hvert av de to planlagte rehabiliterte byggene er på ca. 2600 kvadratmeter, på tre og fire etasjer - samt kjeller, og ble oppført i 1980. I dag har byggene et energiforbruk på rundt 250 kWh pr kvadratmeter ...

The Smart by Powerhouse guide is a tool that can be used for design, development and communication regarding smart commercial buildings, both new constructions and rehabilitation projects. [READ MORE](#). Creating value. Interaction provides added value. Combining extreme energy performance, a favourable indoor climate, low energy impact and robust ...

Powerhouse Kjørbø, Bærum Snøhetta . Tipología 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 ...

In the Powerhouse Kørbo 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 ...

Powerhouse Brattørkaia is the biggest new energy-positive building in Norway, and will generate more energy in its operational phase than it consumed through the production of building materials, construction, operation and disposal of the building. The building has been designed based on environmental requirements.

The Powerhouse Kørbo project focused on the renovation of two office buildings that were originally constructed in 1979. The PEB is located in the municipality of Bærum in the east of ...

Et Powerhouse produserer mer energi enn det bruker. Byggets geometri er optimalisert for å ta vare på tilgjengelig solenergi på stedet. I løpet av sommeren når det er rikelig med dagslys, vil overskuddsenergi som solpanelene har produsert bli solgt til strømnettet. Om vinteren trenger bygget å køpe energi fra nettet, men i løpet av ...

Powerhouse Kørbo har vært pionerer på flere områder: Det er det første rehabiliterte plusshuset i Norge. Det er også det første prosjektet Powerhouse-alliansen, som er et samarbeid mellom eiendomsselskapet Entra, entreprenøren og prosjektutvikleren Skanska, arkitektkontoret Snøhetta, miljøstiftelsen ZERO, aluminiumselskapet Hydro, aluminiumsprofilselskapet Sapa og ...

Powerhouse Kjørbø 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 ...

Powerhouse Kjørbø 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. The ...

Samarbeidspartners første realiserte prosjekt var Powerhouse Kjellerbo i Sandvika utenfor Oslo. Dette var Norges første plusshus og verdens første rehabiliterte plusshus. ZEB (The Research Centre on Zero Emission Buildings) og Enova har vært sentrale samarbeidspartnere for realiseringen av prosjektet.

Powerhouse er et samarbeid som planlegger og oppfører plusshus, bygninger som produserer mer ren og fornybar energi over livsløpet sitt enn det som blir brukt til produksjon av byggevarer, oppføring, drift og avhending av bygget. [1] Målet var opprinnelig å vise at det er mulig å bygge plusshus i Norge, noe det første Powerhouset på Kjellerbo [2] i Sandvika viste.

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