

SPRING 08

# ICEHOTEL®

MAGAZINE

A close-up photograph of a white sled dog in the foreground, looking towards the camera with its mouth open, showing its teeth. In the background, a person is walking through a snowy mountain landscape with other sled dogs pulling a sled. The sky is blue with scattered white clouds.

**DIVINE DARKNESS:  
WHY IT'S GOOD FOR YOU**

**SPECTACULAR STYLE  
THE SWEDISH WAY**

**AMAZING ARCTIC  
ART & ARCHITECTURE**

**THE COOLEST CITIES  
YOU'LL EVER VISIT**

## FIERCE!

Have a blast with the sled dog posse

check in



## Arctic-ecture

Where permafrost and skiers count as much as style.

With an average temperature of 4.4°C, July is Svalbard's warmest month of the year. The yearly average is -20.7°C. Add to this the fact that the sun doesn't rise at all from the end of October, and never sets from April and onwards, and you'll see why the Arctic climate can't be ignored – at least not when you're constructing a building to be located in the Norwegian archipelago of Svalbard, in the Arctic Ocean.

The architects responsible for Sval-

bard Science Centre, Jarmund/Vignasnes, used a 3D simulator that allowed them to test various weather conditions on a computer. This was done to ensure that snow and other weather conditions wouldn't damage the building.

The centre was built on poles. Because the ground is frozen all year-round (i. e. permafrost), the building stays in place. However, the temperature of the ground has to remain low and the permafrost be maintained in order for this to work.

The building is enclosed in a copper-covered layer, creating a shell that adjusts to the area's snow and wind.



**NEW HOLMENKOLLEN BEACON** Some 145 years ago, the first Norwegian took off from a hill, creating a sport that would catch on across the world. In the native country of the sport, the world's most modern ski jump is now being planned. It will be ready for the World Championships in 2011.

Location: Oslo, Norway. Year of design: 2007. Planned year of construction: 2010. Architect: Julien De Smedt of JDS Architects.

**THE ICY SIDE OF ARCHITECTURE** Snow builders, architects, designers and artists from all over the world gather in Jukkasjärvi to create each year's Ice Church. A stay at ICEHOTEL often inspires visitors to focus inwardly, and reflect deeply upon the nature of things.