



UNITED NATIONS NATIONS UNIES

U.N. IN ACTION

Release Date: July 2008

Programme No. 1138

Length: 3'14"

Languages: English, French, Spanish, Russian

LAKE GENEVA'S WATER FOR COOLING SYSTEM

VIDEO

AERIAL SHOT OF GENEVA, WITH
LAKE GENEVA AT BACKGROUND

PAN SHOT/MS. OF THE LAKE
WS. MASSIVE SUCTION PUMP

VARIOUS SHOTS OF THE PUMP

VAR. SHOTS OF THE CITY
BUILDINGS

VAR. SHOTS. PHARMACEUTICAL
BUILDING. INTERIORS

AUDIO

NARRATION

Lake Geneva is western Europe's largest lake. For centuries its clear blue waters have attracted tourists from far and wide. But in these energy conscious times its water is now being put to a far more practical purpose. (13)

40 metres below the Lake's surface and 2 kilometres from shore a massive suction pump draws up thousands of litres of water every hour as part of a project to help Geneva's international organisations reduce their consumption of fuel and water and cut carbon dioxide emissions. (17.5)

Riding the crest of a renewable energy wave, ten organisations have signed up to a thermal exchange network that will cool and heat their buildings using water from the Lake. (10.20)

The pharmaceutical giant, Merckserono led the way. In partnership with the Geneva authorities it constructed a pumping station that pipes lake

water to its state of the art offices. (105)

EXTERIOR OF THE BUILDING.
INTERIOR SHOTS.
OPERATOR WORKING AT THE
INSTRUMENT PANEL

Thermal exchangers heat and cool the water eliminating the need for energy intensive boilers and burners. Around half of the company's energy requirements are now met by using water from the lake. (12.6)

EXTERIOR SHOT OF THE UN HQ
IN GENEVA

From next year, the UN headquarters in Geneva, the Palais des Nations, will benefit from this project. (6)

OVERSHOT OF THE OPERATOR
AT THE CONTROL PANEL
CLOSE UP. MONITOR

These cooling towers that use chilled water for air conditioning will be taken out of service. By using water from the Lake the UN will save some 60,000 US dollars annually over the next 16 years. (12)

Aminata Djermakoye, Director of Administration.
(3.10)

AMINATA DJERMAKOYE, DIR. OF
UN ADMINISTRATION, TALKS ON
CAMERA.

AMINATA DJERMAKOYE: (English) F

"We will reduce our consumption of electricity. We will save on water and we'll also save money. This is a way for us to show that these activities are quite compatible with the economy." (15)

VAR. SHOTS OF THE BUILDING'S
HEATING SYSTEM. OPERATOR
INSPECTING.

NARRATION

The Palais buildings are too old to be heated using water. However the UN is to soon replace its oil fired heating system with cheaper and more environmentally friendly natural gas. (11)

WS. OPERATOR AT THE BOILER

Measures like these are all a part of an effort to

HIGH ANGLE SHOT OF A LAWN,
MOWER PASSING. UNHQ AT
BACKGROUND.
MAN LEAVING ON BICYCLE

green the UN. As well as recycling waste, using green fuel in its tractors and natural fertilisers on its grounds, the UN is also asking staff to do their bit for the environment by encouraging them to cycle to and from work. (18.5)

AMINATA DJERMAKOYE, TALKS
ON CAMERA

AMINATA DJERMAKOYE: (English)

“This is the recipe for the future. We cannot keep on wasting precious resources that are going to be less and less available.” (7.75)

MAN GOING DOWN AN
UNDERGROUND STATION

NARRATION

Once the system of using lake water is up and running at the UN headquarters in Geneva, it will come on stream at other international organizations that will also be able to tap into this flagship initiative. (11.5)

STEAMSHIP PASSING ON THE
LAKE

UN LOGO

This report was prepared by Claire Doole for the United Nations (4)