

Repair of the lid on the heat storage

2020



At the beginning..



As it looked before.



As it looked before.

Lots of puddles all over



XPS insulation
arrives



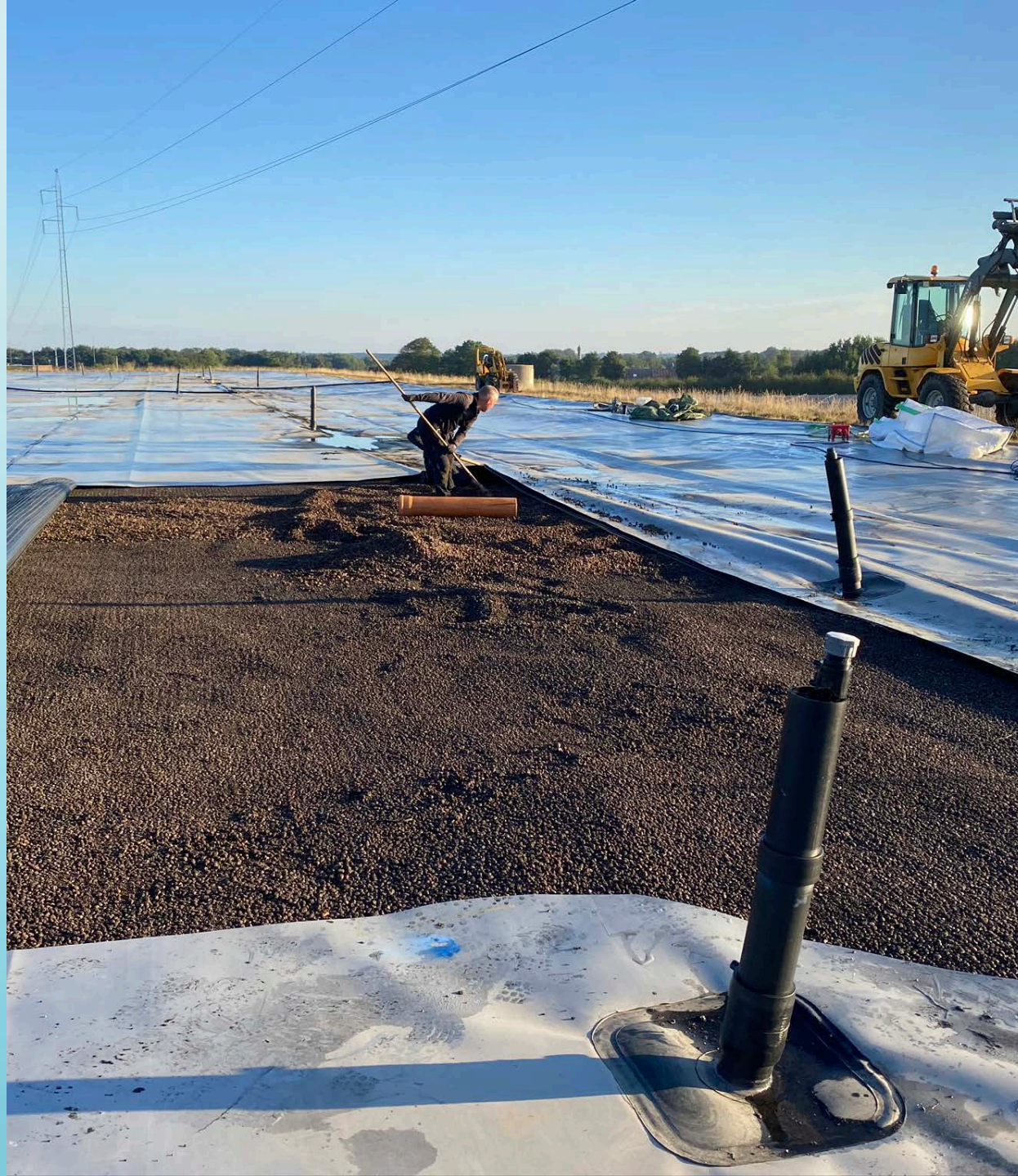
Preparation for
patch welding



100 m³ Leca is
refilled from
2.5 m³ bags



Filling a larger hole



Filling a larger hole

There have been a number of air pockets that have been emptied of air.



Welding of the old
lid after filling Leca



First "sod".

We just need to figure out how to get started.



Plastic nails are cut in the upper insulation to hold the layers together.



The first approx.
1000 sandbags are
ready



The sandbags
move as you reach
and weld the top
cover



Sandbag ☺

Topliner
Geonet

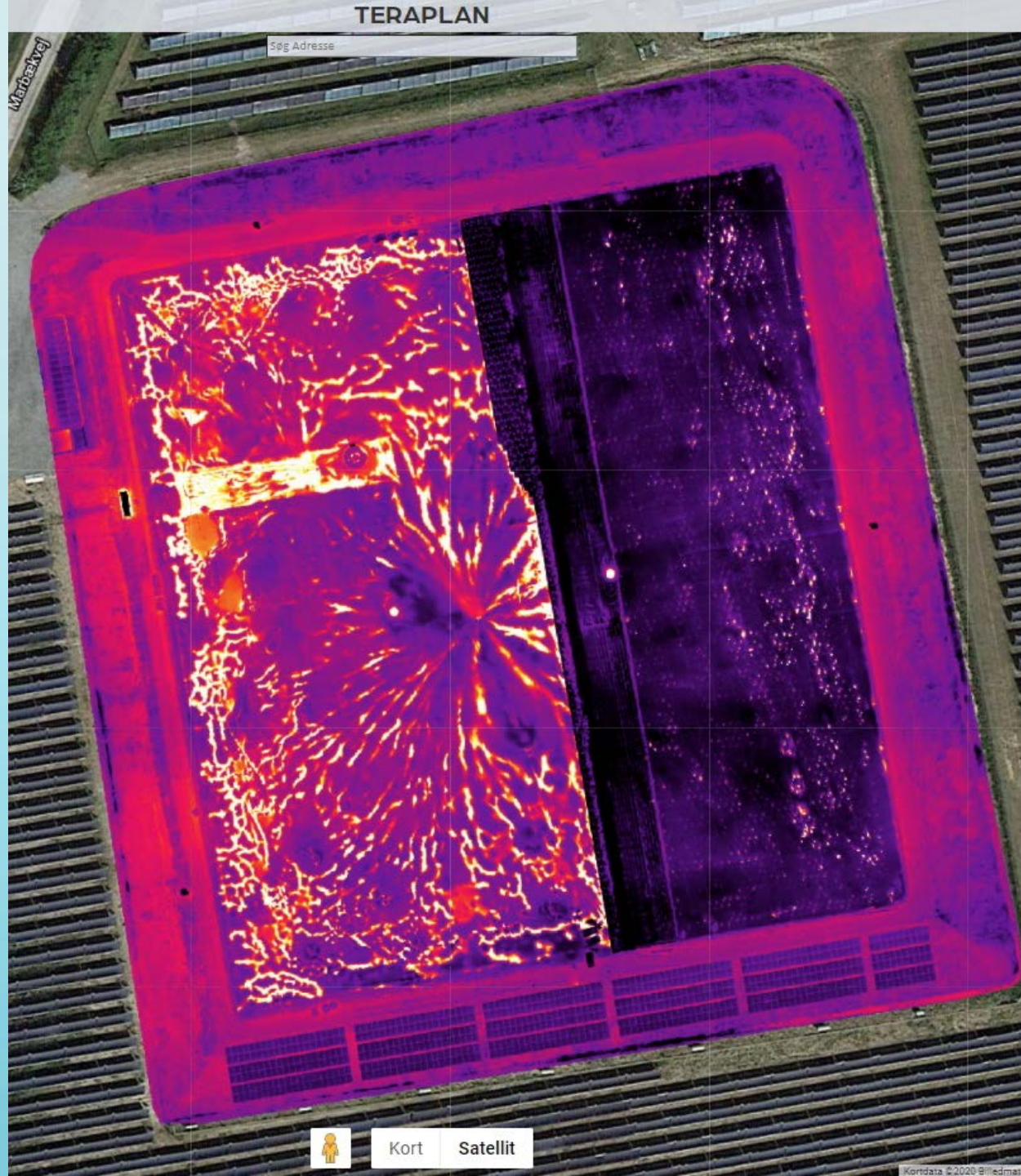
70 mm XPS

70 mm XPS

Geonet

Existing insulation

The new insulation



Thermal photo

The photo was taken on Sept. 23
early in the morning.

Calculation of heat loss 2019

Estimated heat loss	1300 MWh/year
Actual heat loss	6900 MWh/year
Increased heat loss – 6900-1300	5600 MWh/year

Estimated heat loss in % =	10%
Actual heat loss in %	53%
Loss by N—gas price Dkk. 300,-/MWh =	1.680.000 Dkk./year
Repair costs =	6.000.000 Dkk.
Price reduction per. household on 18,1 MWh/år =	ca. 1.800,- Dkk./year
Or approx. 10% reduction in total.	