

# Ny-Ålesund Observatory What's done ?



# 2013 Road and bridge



# 2013 Road and bridge



# The ship prepearing fiber cable 2013



# Road 2014



# Station area 2014



# Preparing VLBI fundament



# Solid rock





# First VLBI fundament



# First VLBI fundament



# First VLBI fundament



# First VLBI fundament



# First VLBI fundament



# First steel fundamentals



# Walkway



# Site overview Feb 2015





# Insulation in fundament



# Connecting elements



# Nice weather !



# Removing ice and snow with steam



# More elements



# Overveiw March 2015



# Ready for anchor ring



# Placing the anchor ring





# Concrete work done



# FAT first telescope



# Next steps

- Second FAT January 2016
- Telescopes arrive Ny-Ålesund April 2016
- Maser (T4 Science) Arrive May/June 2016
- SAT Telescopes September
- Signal chain?
- SLR
- GNSS in operation Nov 2015

# GNSS fundament



# GNSS fundament



# Gravity building



# SLR building

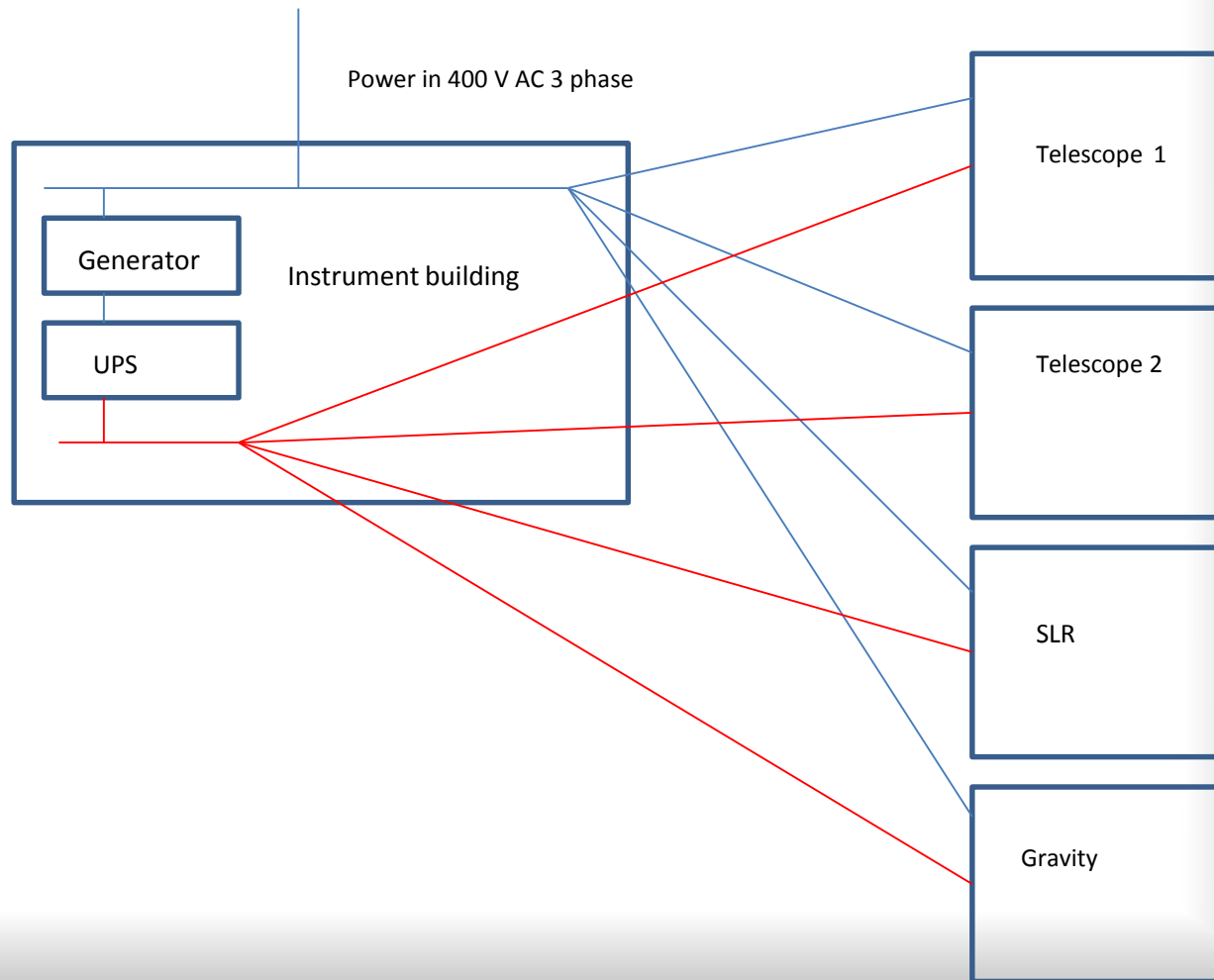


# Box for VLBI signal cables

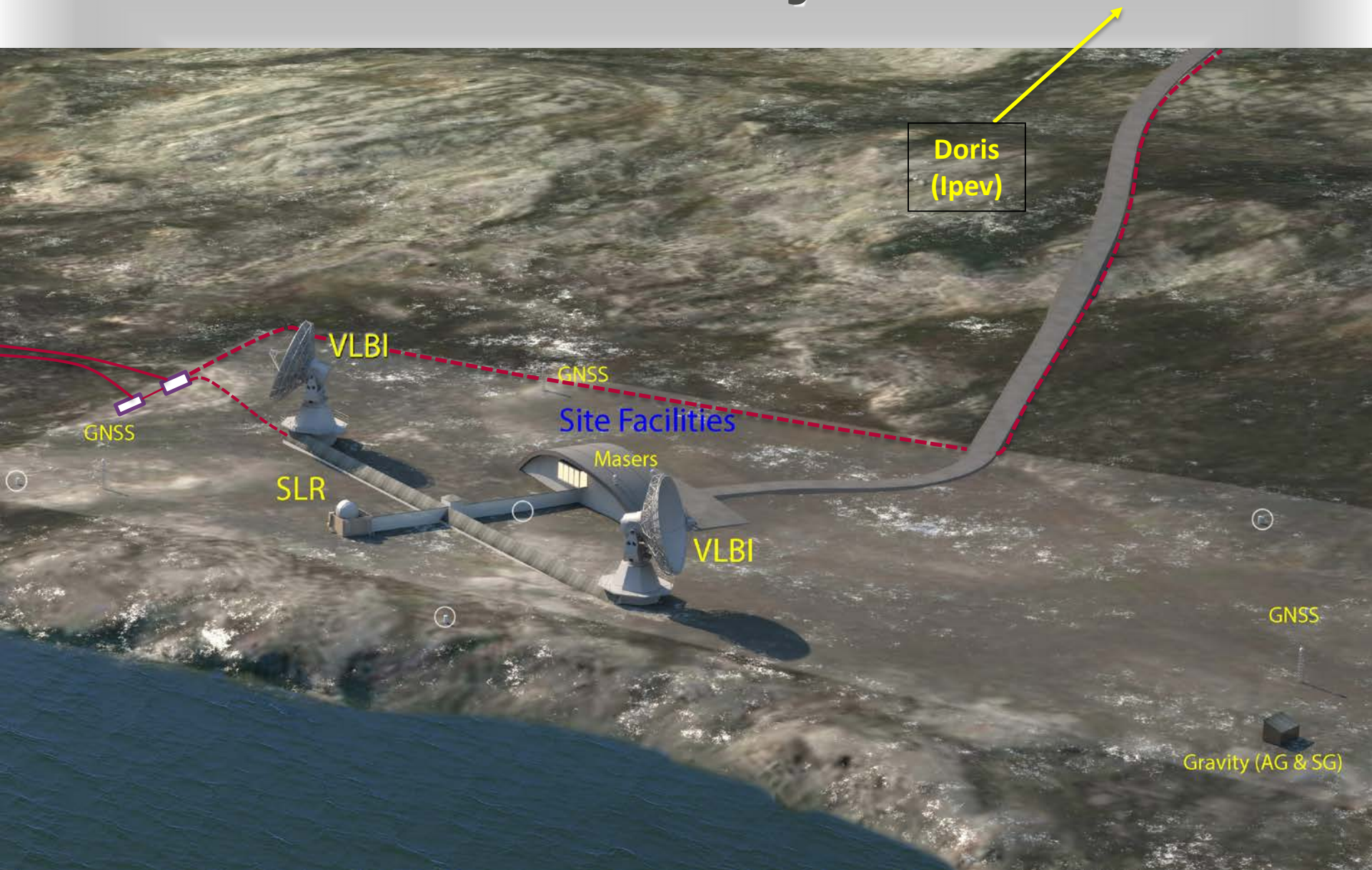




## Power distribution Ny-Ålesund



# The new observatory 2018



# Fiber ring



# Ny-Ålesund Geodetic Earth Observatory



Photo: Torbjørn Nørbech

# Constructur web page

<http://veidekkearctic.no/>

# Questions ?

