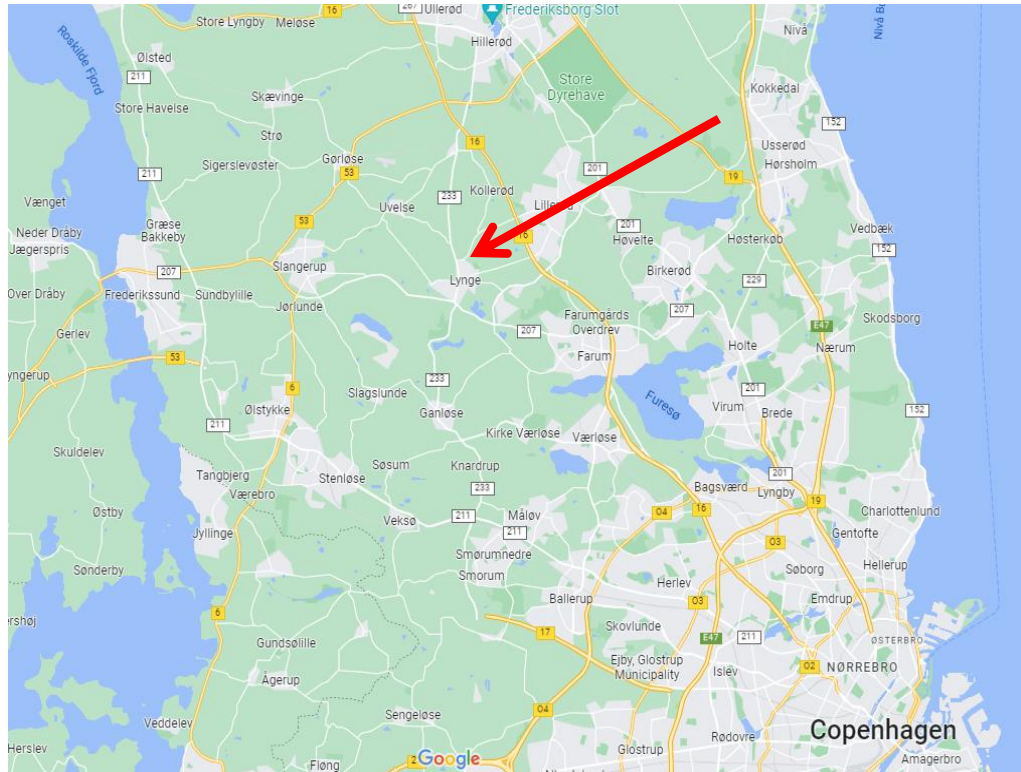


# Background



Married, 2 Children



2 Cats



And a horse



# Henrik Nissen



CERN

Lyngsø  
Marine

Maskinmester  
Skole

Søværnet  
(Maskinarbejder)

Erhvervs  
grunduddan  
nelse (EFG)

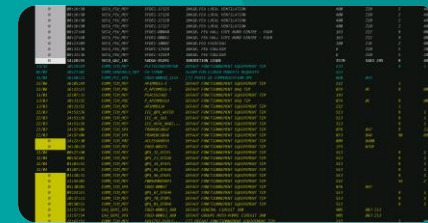


Image credit: Henrik Nissen

Folkeskole10 Klasse



# Henrik Nissen

1997 Started working in the technical control room



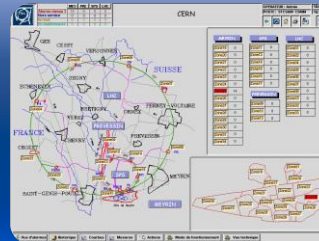
2002 Technical support for maintenance database and tools



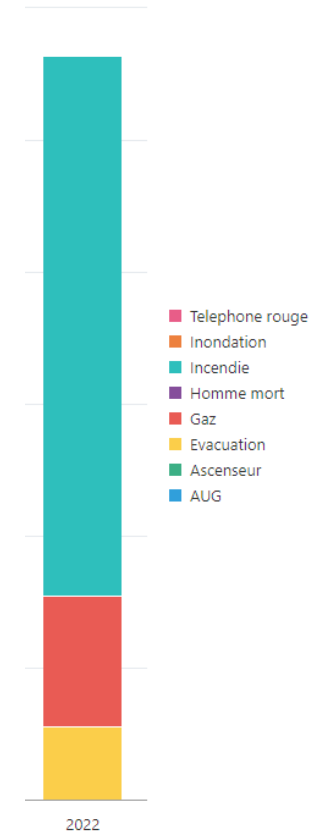
2004 PLC programming for access system for radioactive zones



2005 Technical responsible for CERN Safety Alarm monitoring



# CERN Safety Alarm Monitoring



30000 safety alarms at CERN

# CERN Safety Alarm Monitoring



20000 Alarms, Redundant network, Operational 365 days, 64 PLC, 4 physical servers, 6 virtual servers, 7 Operator stations

Large number of technologies and processes:

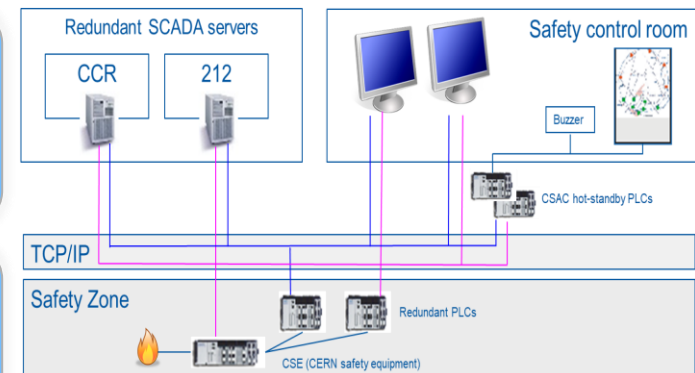
Hardware: PLC, servers, optical fiber, networks, virtual machines

Automation: (PLC), SCADA, databases,,

Software: Oracle, development methodologies, JAVA

**I am responsible for the maintenance, operation and evolutions of CSAM.**

Broad knowledge required to integrate the different technologies used and in many areas specialized knowledge required



# Outside of work



- Cycling ! A bit more varied than DK
- Skiing
- Reading
- DIY