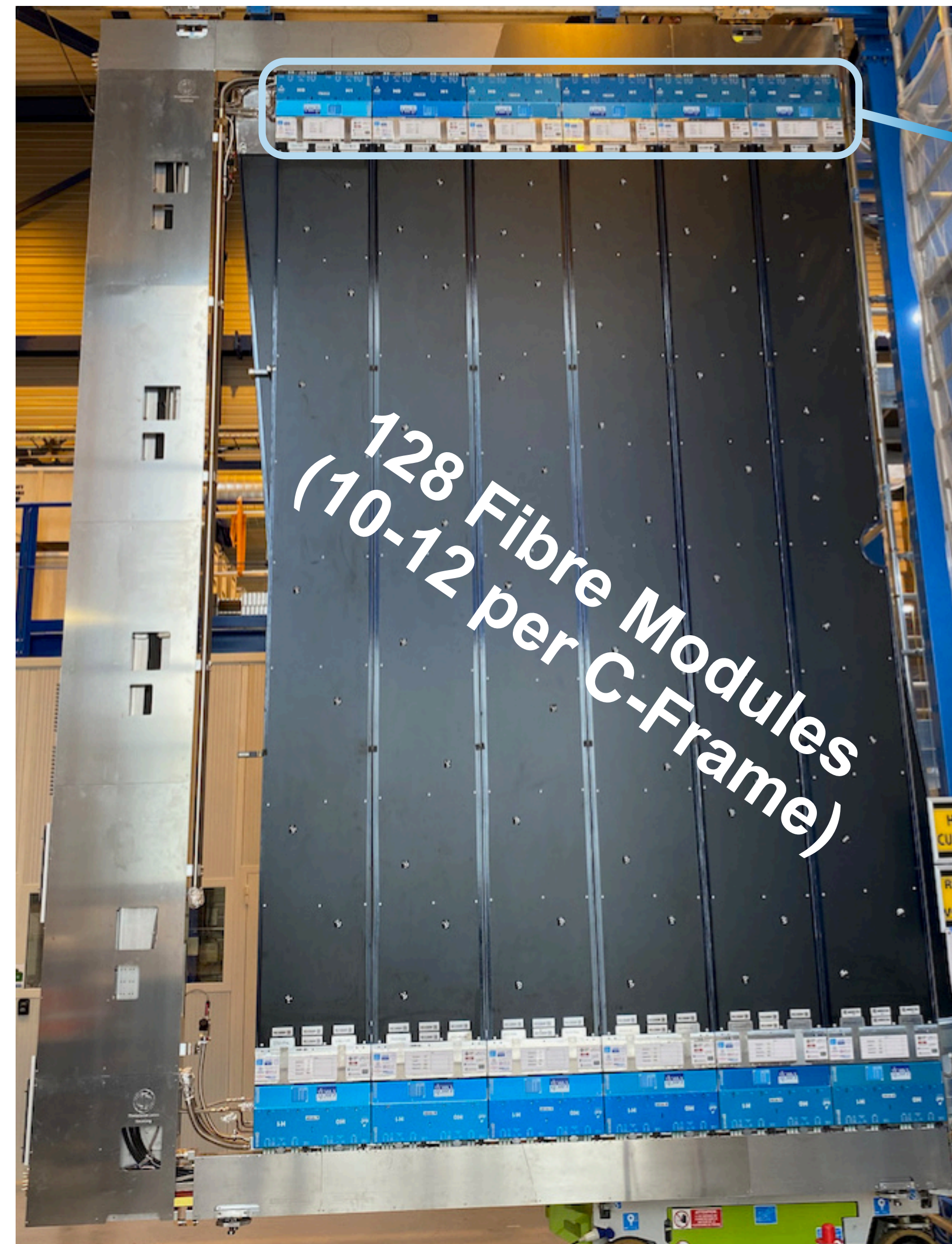# 12 C-Frames

128 Fibre Modules (10-12 per C-Frame)

256 ROBs (20-24 per C-Frame)

↑ **4096 data links**
↑↓ **512 control links**

» 512 Low Voltage lines
» 8192 High Voltage lines
» 8704 Voltage sensors

» 20992 Temperature sensors

» 4608 FPGAs to be programmed

» 4096 Data lines
» 24576 Clock phases to be tuned

512 Master Boards

512 Master GBTXs, SCAs & HK FPGAs

4096 Data GBTXs

2048 Cluster Boards
» 2048 Cluster SCAs
» 4096 Cluster FPGAs

2048 PACIFIC Boards
» 8192 PACIFIC ASICs

4096 SiPM arrays
» 524288 channels

512 HalfROBs