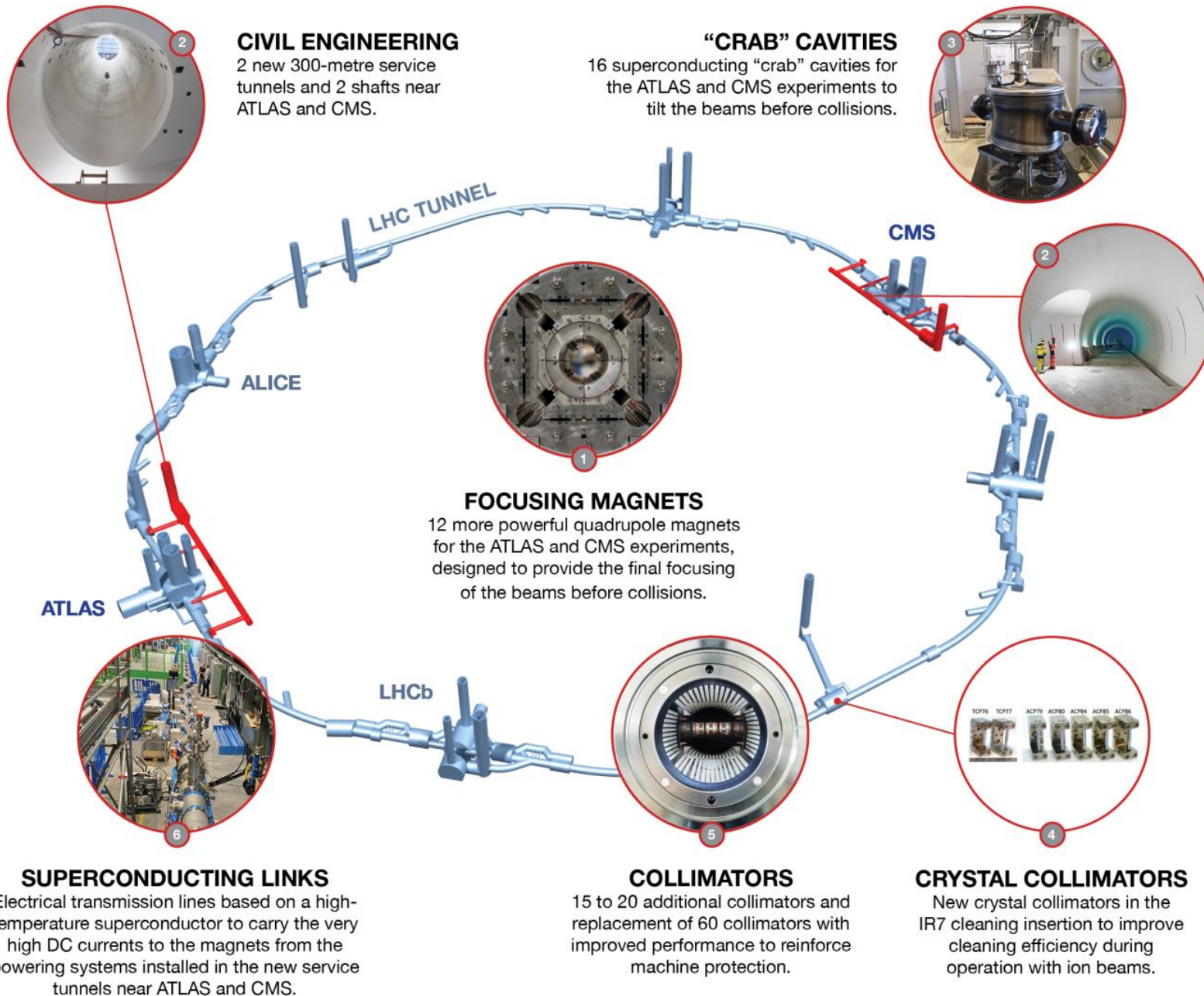
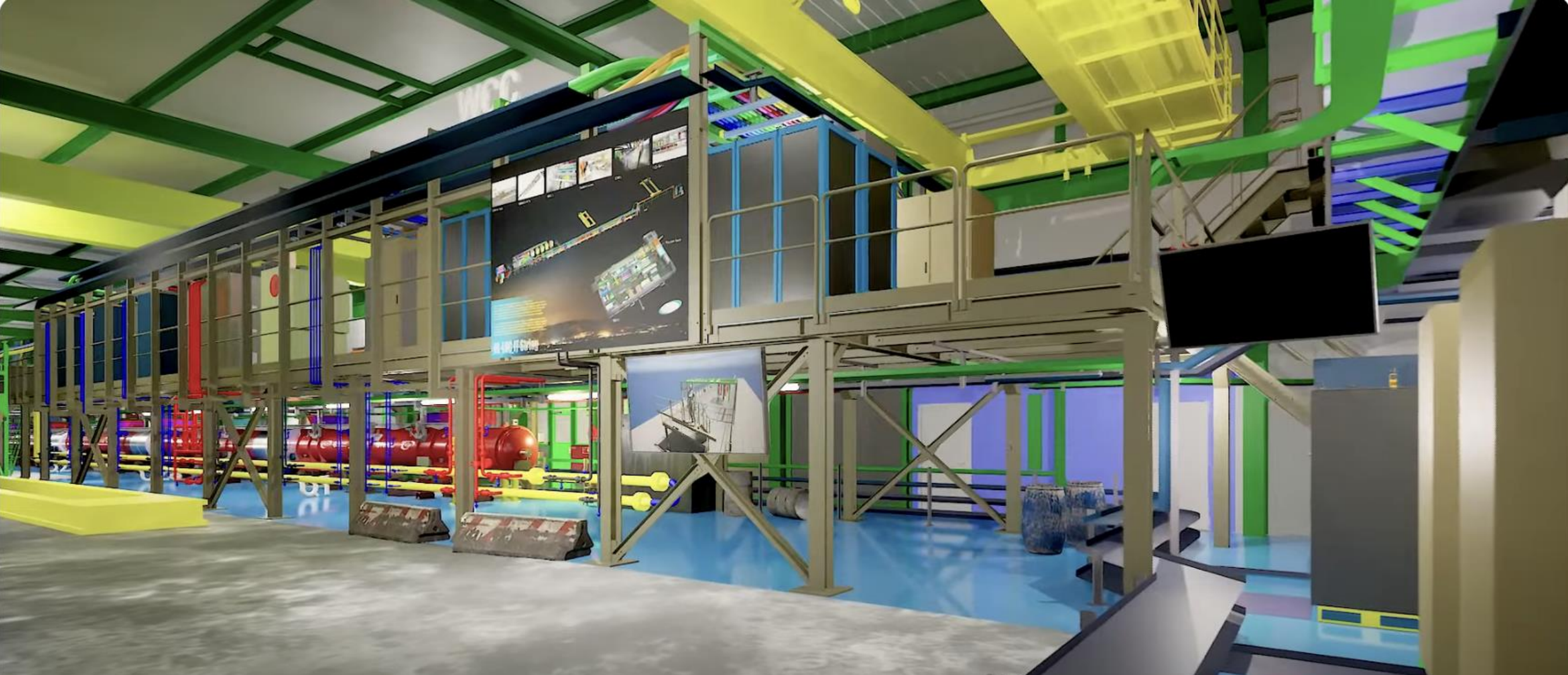


<b>HL-LHC</b> "BIG MILESTONE American collaboration (US- AUP) completed cold tests of the first final cryostat assembly "	scheduled	bulletin, home.cern, Courier	social media					December 3, 18 and 24.01.2024		American collaboration of the first final cryostat to CERN by boat and du SMI2; Ceremony with t
<b>HL-LHC</b> - First full cold powering system (DFHX, sc link and DCM) containing the REBCO HTS current leads used for the powering of the HL-LHC Triplets is currently being assembled in SM18	Assigned	home.cern, bulletin	Social media			Anais S		November, December		The cold powering system is c could also be of interest to the C After the successful testing, the Triplet) string test in SM18 stan Cabling of the entire string will s at IP1 and 5 will start with LS3 i
<b>HL-LHC</b> target: installation of first MKI Cool kicker magnet at LHC IP8, summary of 1st year of operation	Assigned	Bulletin	Social media	HL-LHC	Naomi	Kate	Kate	January		Proposal for the Bulletin from H concerning the first year of oper first unit in January 2023: <a href="https://home.cern/news/news/a">https://home.cern/news/news/a</a> on the good operation, all the re next several years, in preparatio submitted by Mike Barnes (SY-
<b>HL-LHC</b> : Two HL-LHC collimators' prototypes have been approved., to be installed during LS3	Assigned	Bulletin	Social media	Anais S		Anais S				
<b>HL-LHC</b> (Q2) cryostat assembly of MQXFB03 is being tested in SM1 for validation in the IT (Inner Triplet) string (the new triplets replacing the Fermilab ones at IP 1 and IP5 in the LHC tunnel)	Assigned	home.cern, bulletin	Social media	Ezio	Naomi	Naomi	Paola	November		Tested during fall 2023 and fully tunnel. MQXFB03 is the first m will be cryostated in final config (MCBXF) in early 2024 to be th

<p>INTEGRATION of first full cold powering system (DFHX, sc link and DCM) containing the REBCO HTS current leads used for the powering of the HL-LHC Triplets</p>	<p>Mar.24</p>	<p><a href="https://home.cern">home.cern</a></p>	<p>Social media</p>	<p>timelapse to be done (very visual and cliff hanger!)</p>
<p>Installation of the Q2 MQXFB03 magnet in the IT string. This is the first magnet not limited at 4.5 K. The cold mass will be cryostated in final configuration with a Spanish corrector (MCBXF) in early 2024 and then installed in the IT (Inner Triplet) Test String in SM18 in 2024</p>		<p>will go into red cryostat in January</p>	<p>Social media home.cern</p>	<p>photos Irene</p>
<p>Delivery of second US cryo assembly planned in May (Fermilab and LBNL)</p>	<p>May</p>			<p>these are the new triplets to be installed at IP1 and IP5 (ie just before the ATLAS and CMS caverns) in the LHC</p>

# NEW TECHNOLOGIES FOR THE HIGH-LUMINOSITY LHC





<https://www.youtube.com/watch?v=8PA8XsIKdq4>



0:15 / 2:09



HD



