



CMS Virtual Visit from Kingdom of Morocco

Tangier
UAE University

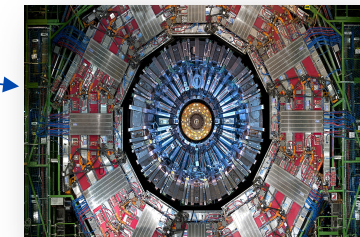
European Organization for Nuclear Research

Zakaria OICHIKH – 3th February, 2023

Accelerators at CERN

(high-energy part)

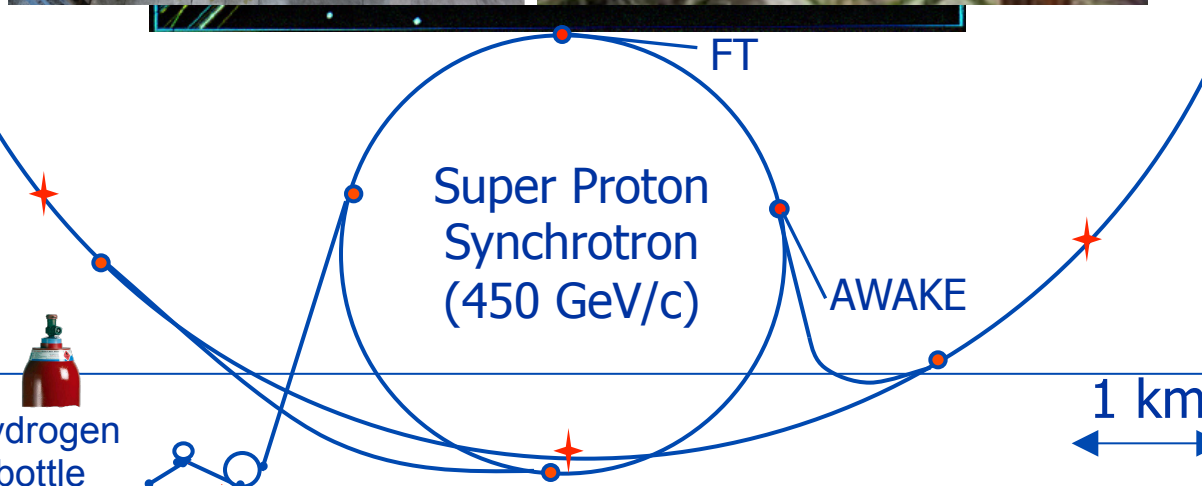
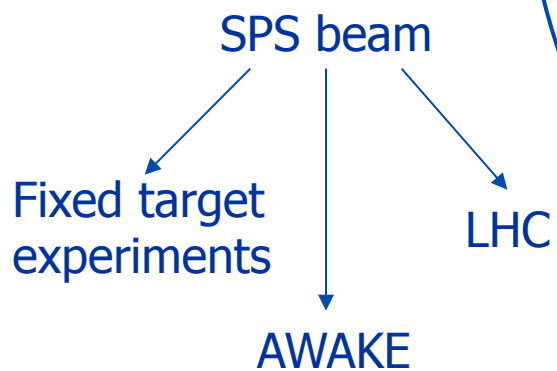
LHC (2 x 7 TeV)



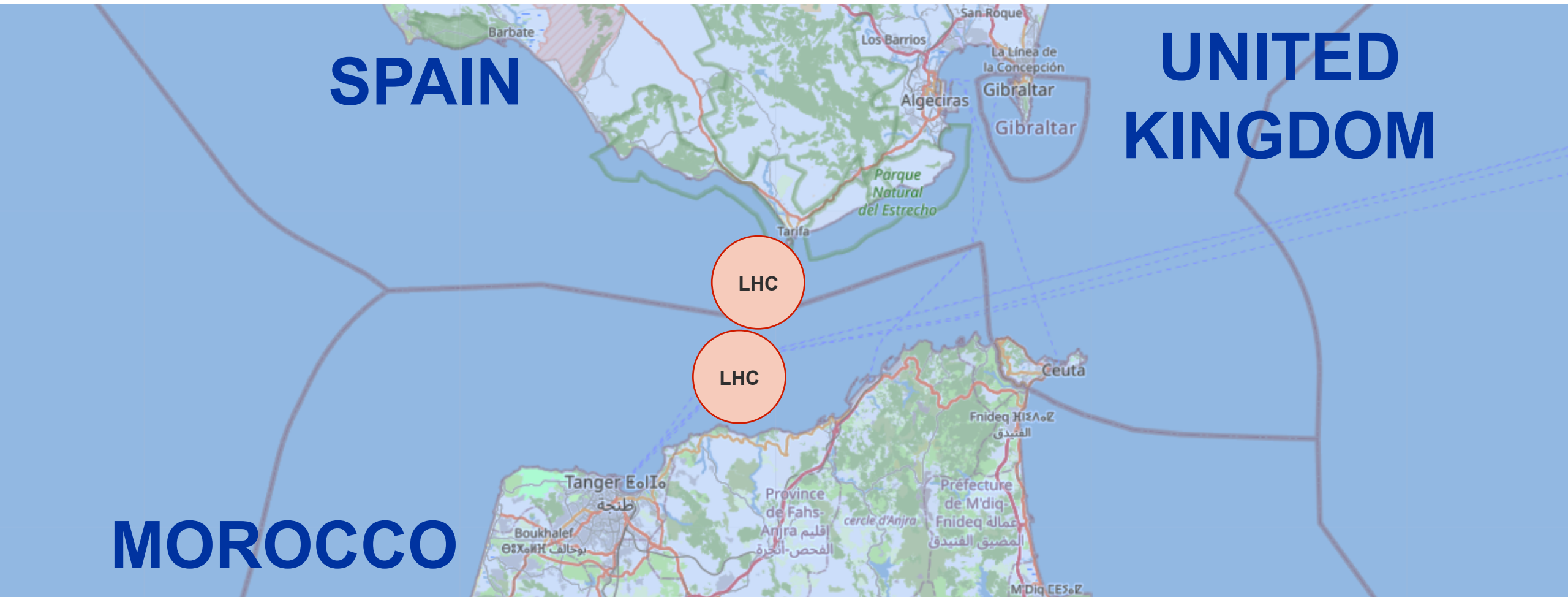
SPS

Circumference: 7 km

Intensity per filling of the ring:
6E13 protons



Comparaison: CERN accelerators / Tangier Region



The Futur Accelerators
at CERN

SPAIN

FCC

100 TeV

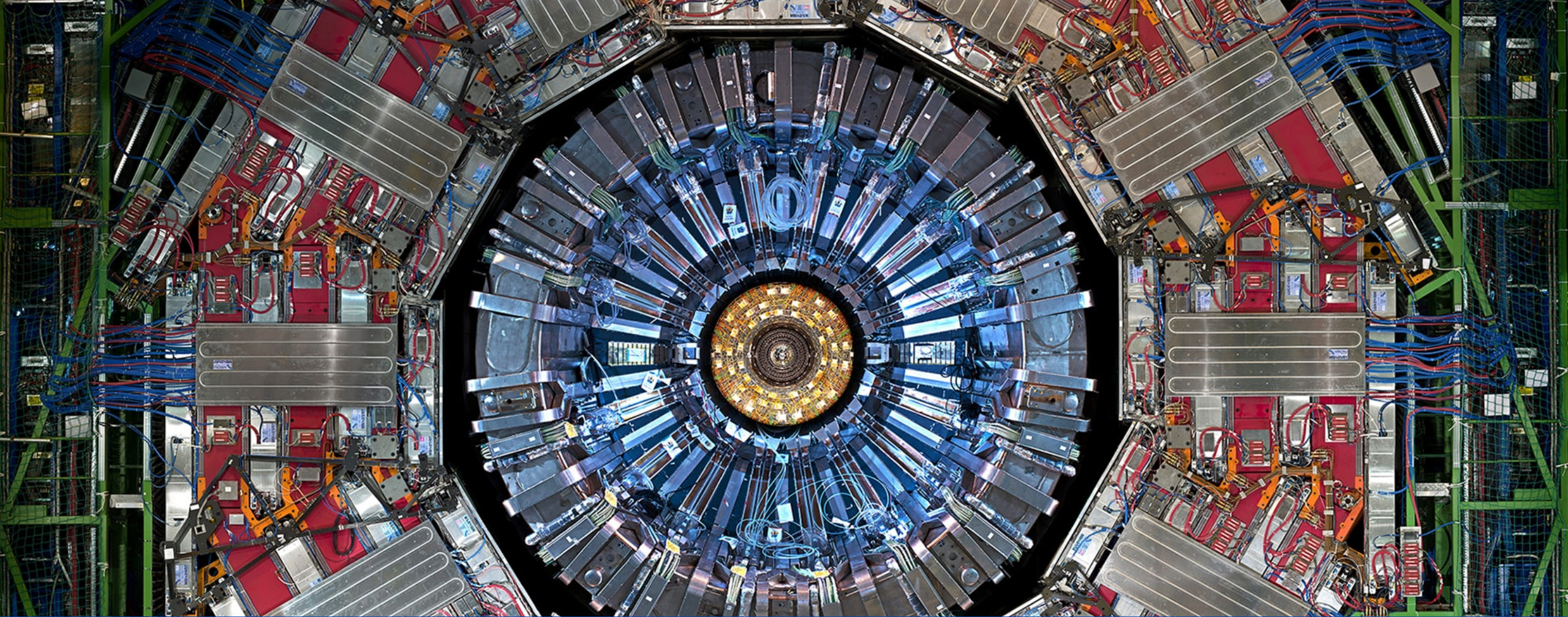
100 km

**UNITED
KINGDOM**

MOROCCO

LHC

27 km



Welcome Morocco, enjoy the visit !