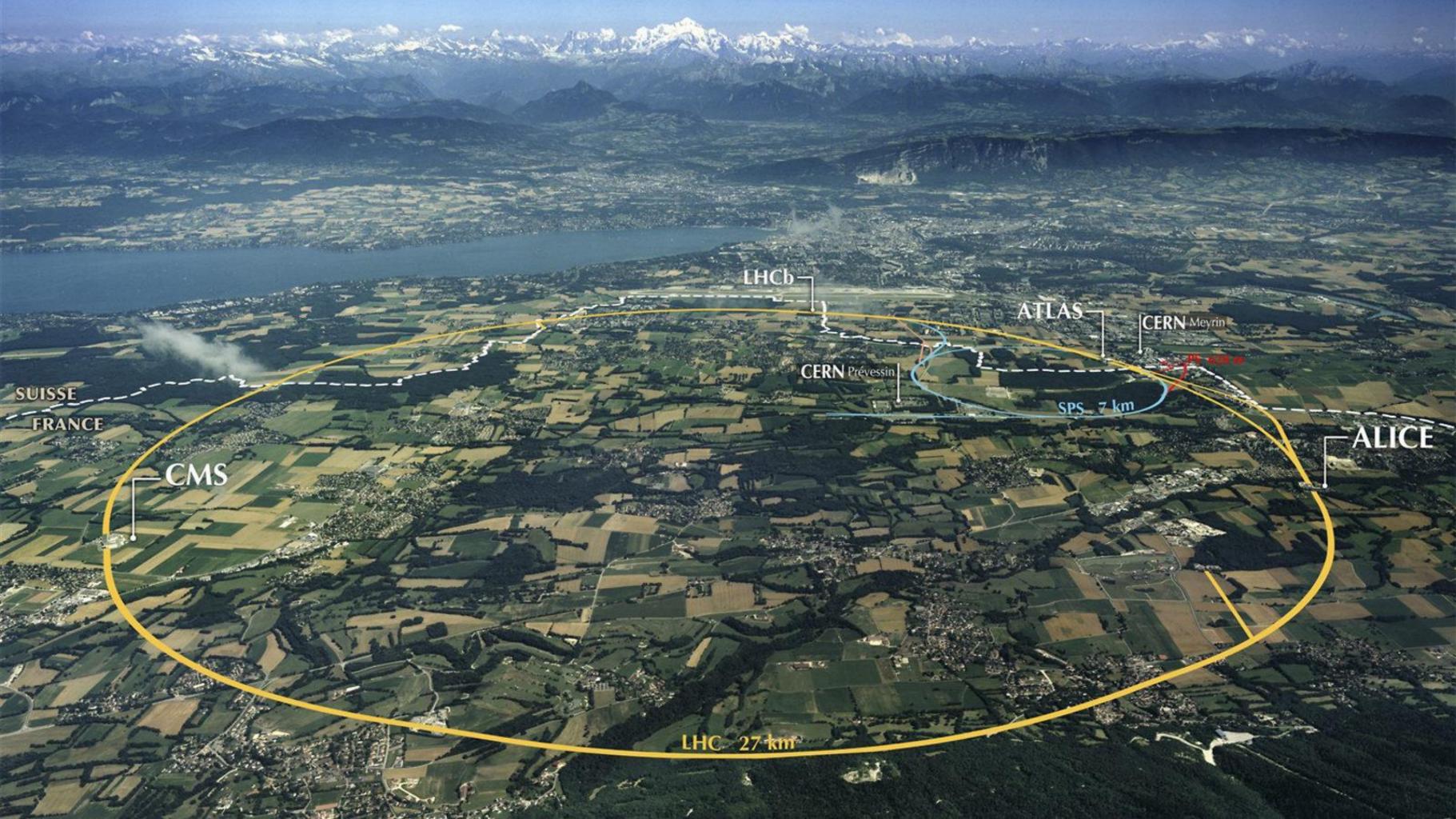


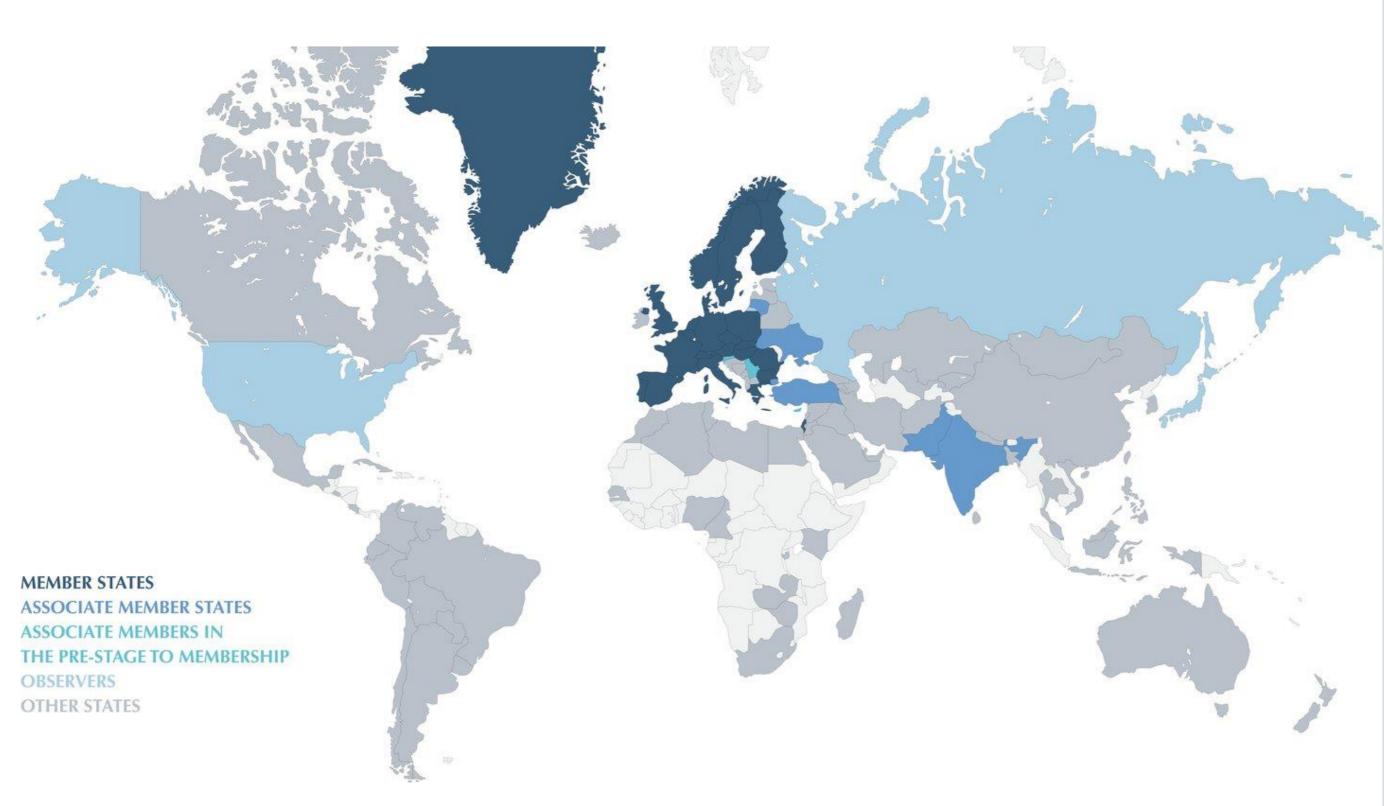
Giovanni Porcellana

CERN Knowledge Transfer Group





An international organization



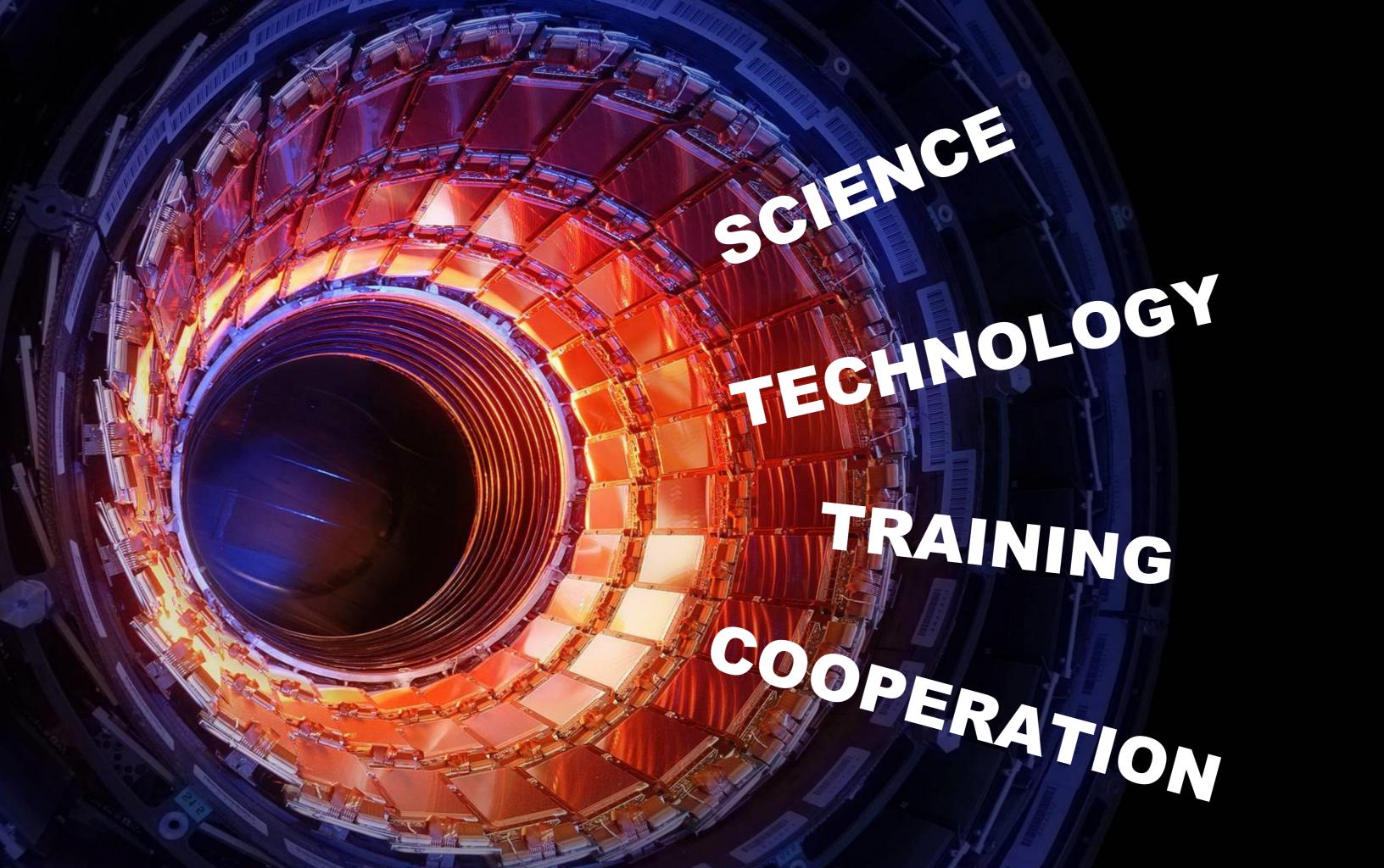
Member States: Austria,
Belgium, Bulgaria, Czech
Republic, Denmark, Finland,
France, Germany, Greece,
Hungary, Israel, Italy,
Netherlands, Norway, Poland,
Portugal, Romania, Slovak
Republic, Spain, Sweden,
Switzerland and United Kingdom

Associate Members in the Pre-Stage to Membership: Cyprus, Serbia, Slovenia

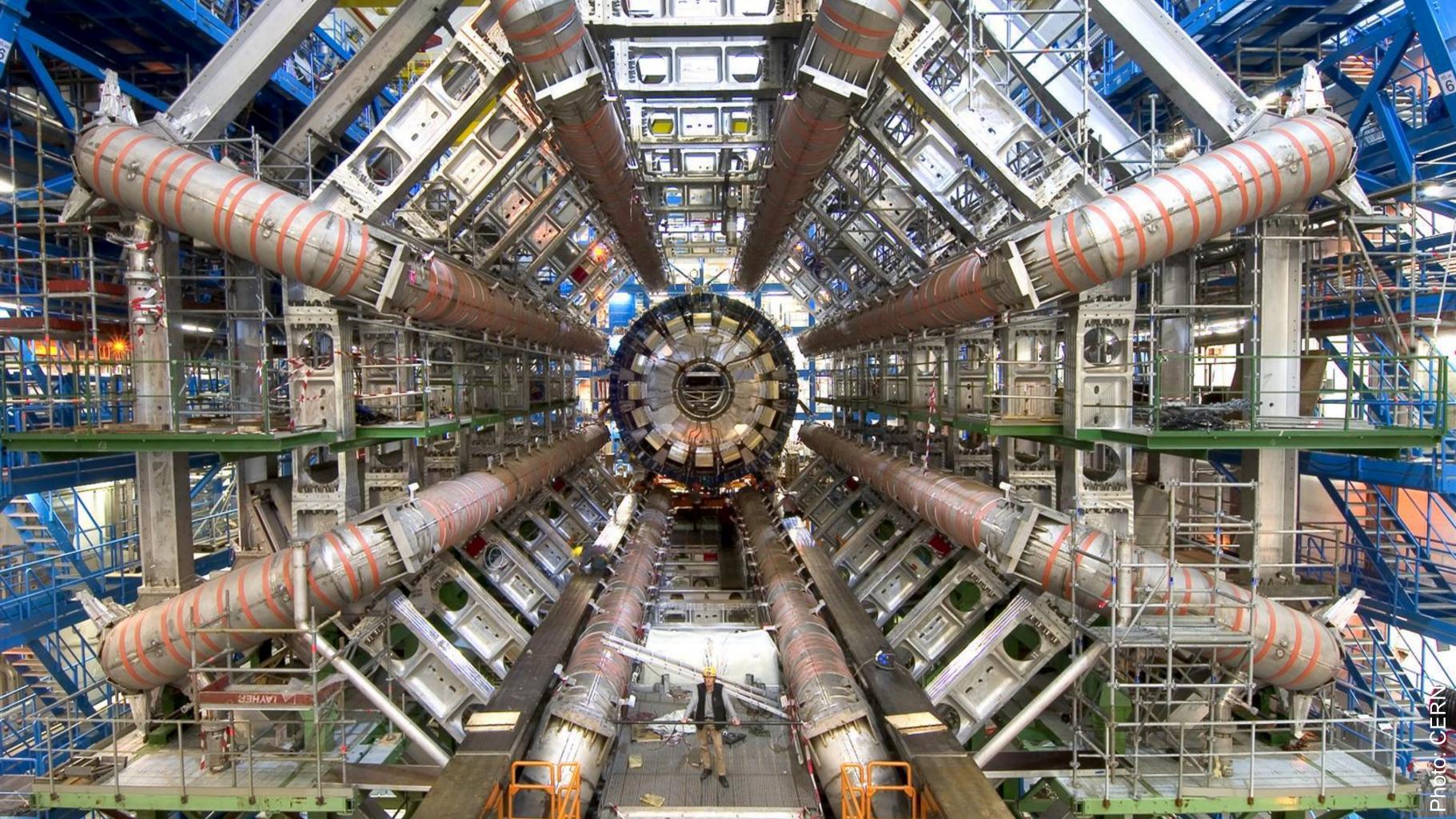
Associate Member States: India, Lithuania, Pakistan, Turkey, Ukraine

Applications for Membership or Associate Membership: Brazil, Croatia

Observers to Council: Japan, Russia, United States of America; European Union, JINR and UNESCO









From CERN Technologies ...

Beam Instrumentation & Systems Cooling & Ventilation . Cryogenics . Digital Sciences . MEDICAL & BIOMEDICAL High & Ultra-High ... Vacuums TECHNOLOGIES Industrial Controls . **AEROSPACE** Magnet Technology • APPLICATIONS Manufacturing & Mechanical Processes **ACCELERATORS** SAFETY Material Science . DETECTORS Metrology o **INDUSTRY 4.0** Particle Tracking COMPUTING & Calorimetry Power Electronics, Optoelectronics • **CULTURAL HERITAGE** & Microelectronics Radiation Protection **EMERGING** & Monitoring * **TECHNOLOGIES** Radio Frequency Technology Robotics . Sensors .

Superconductivity *

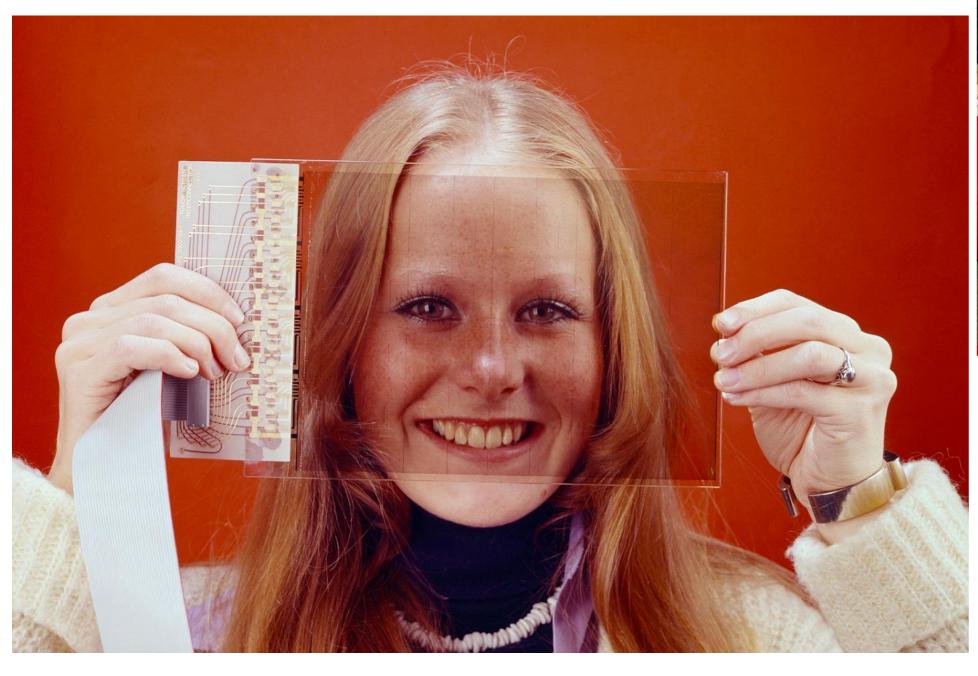
Testing Facilities •

... to Society

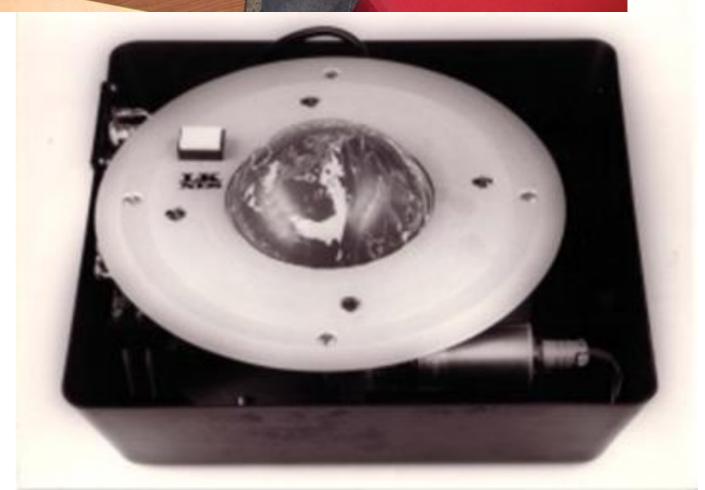


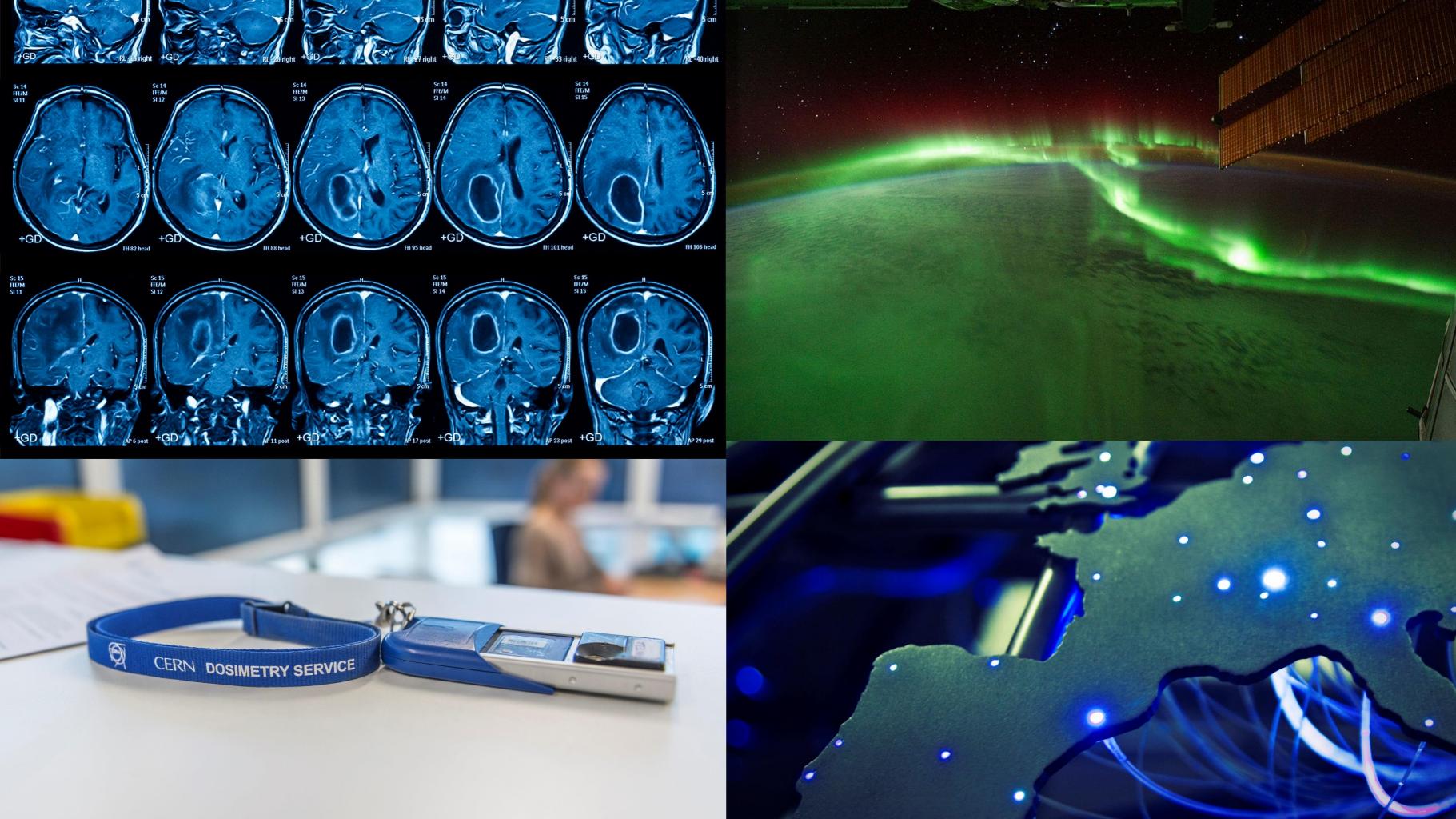


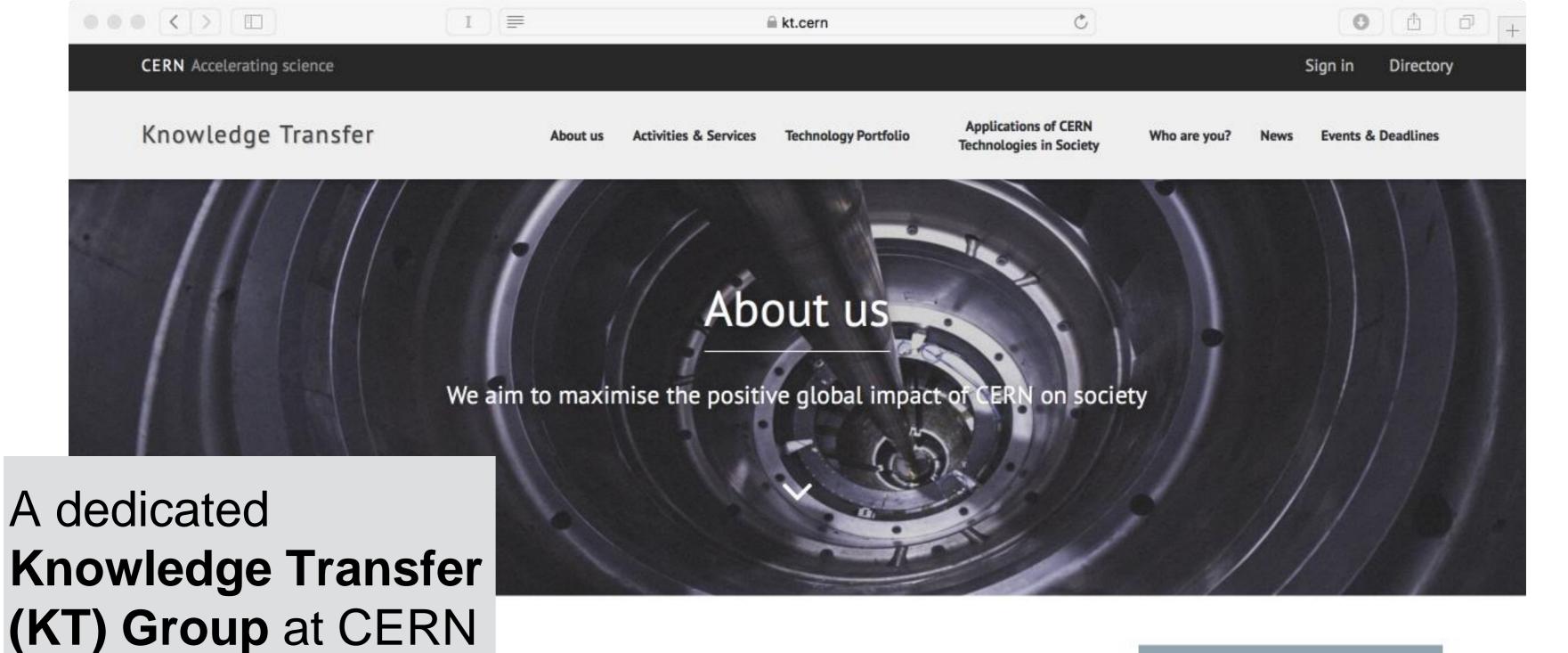
CERN, 1970s











66

Places like CERN contribute to the kind of knowledge that not only enriches humanity, but also provides the wellspring of ideas that become the technologies of the future. Contact the CERN Knowledge Transfer team.

Contact now

CERN KT Group's Mission

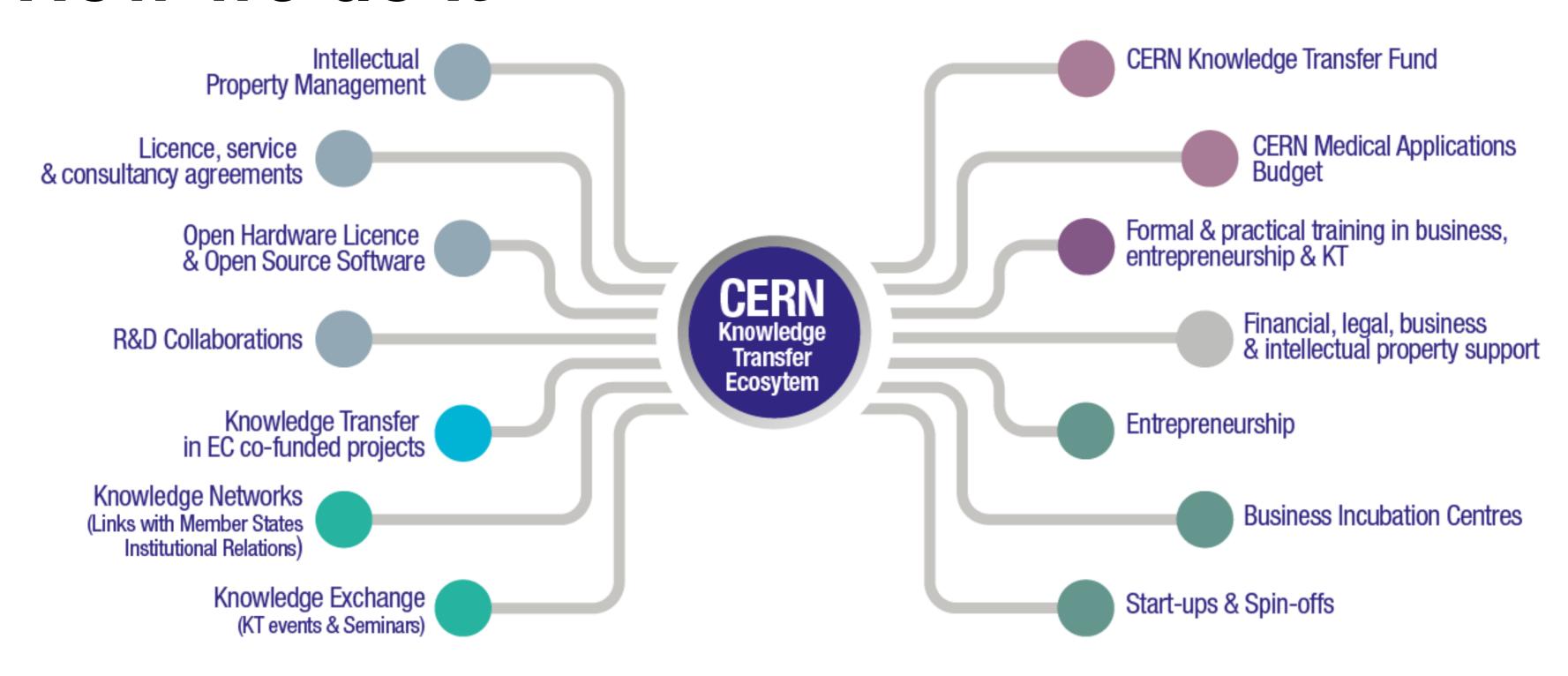
Maximise the technological and knowledge return to society in particular through Member States industry

Promote CERN as a centre of excellence for technology and innovation

Demonstrate the importance and impact of fundamental research investments

Key concepts: Dissemination and Impact

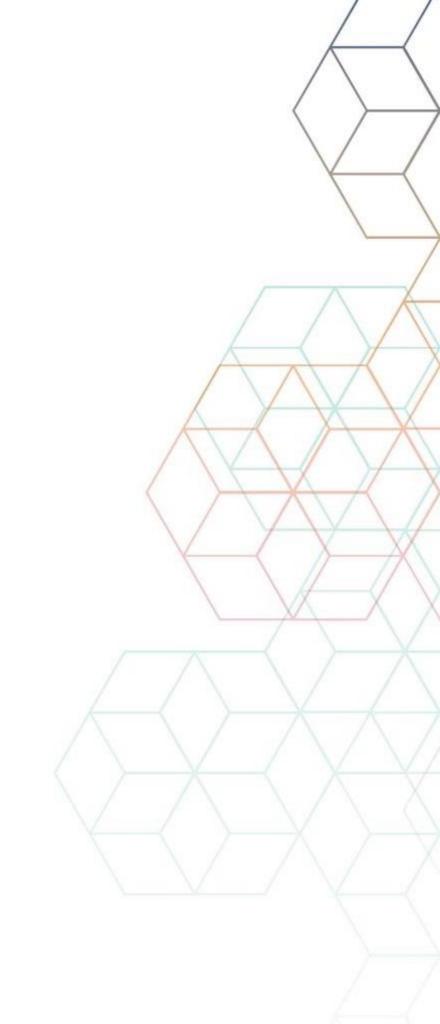
How we do it



Who are we working with?

We need to constantly assess the market and look for the best partners for every kind of situation.

A multinational or a SME? Which one will be the best partner for our technology / know-how?



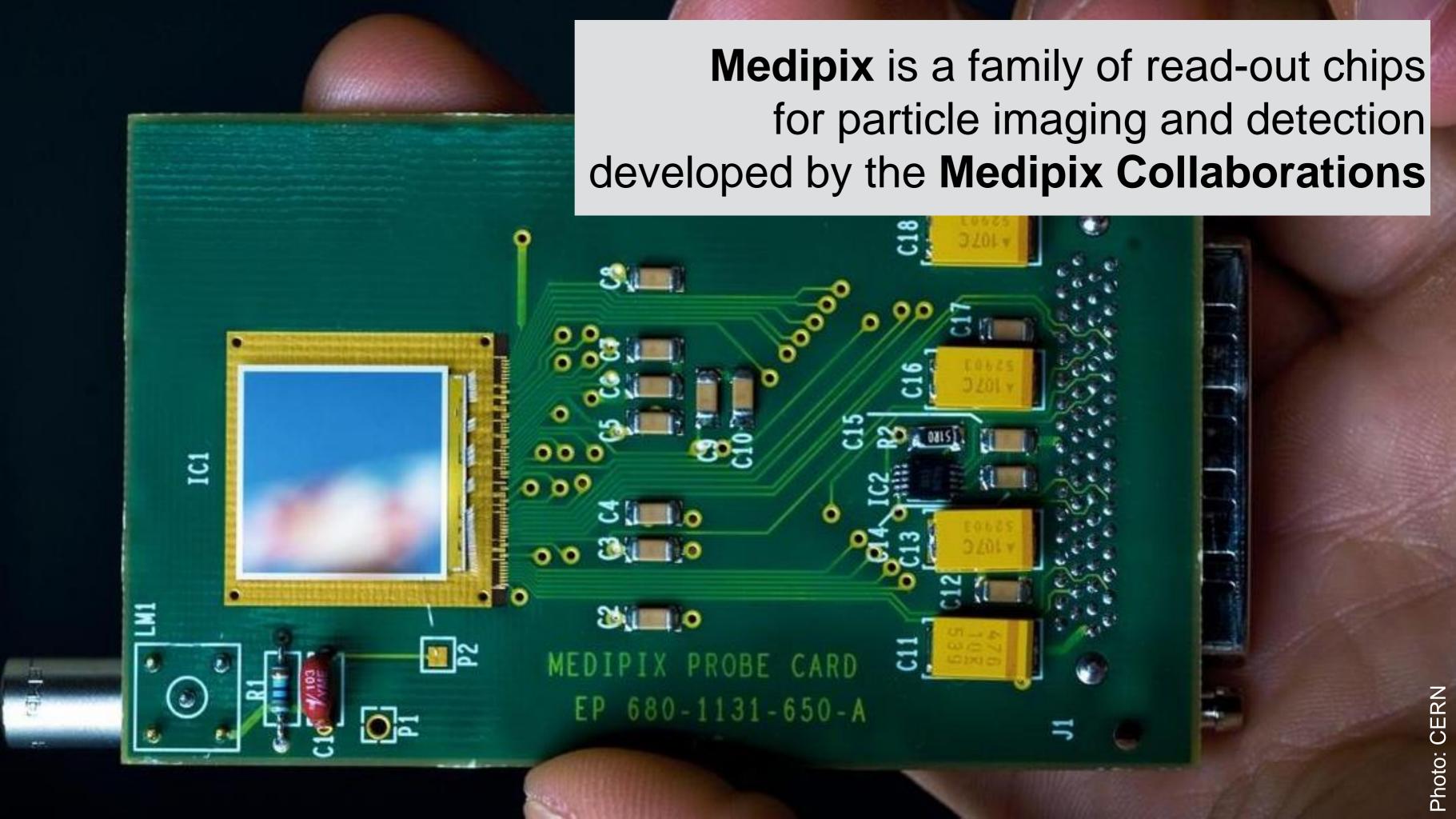
Medical Imaging

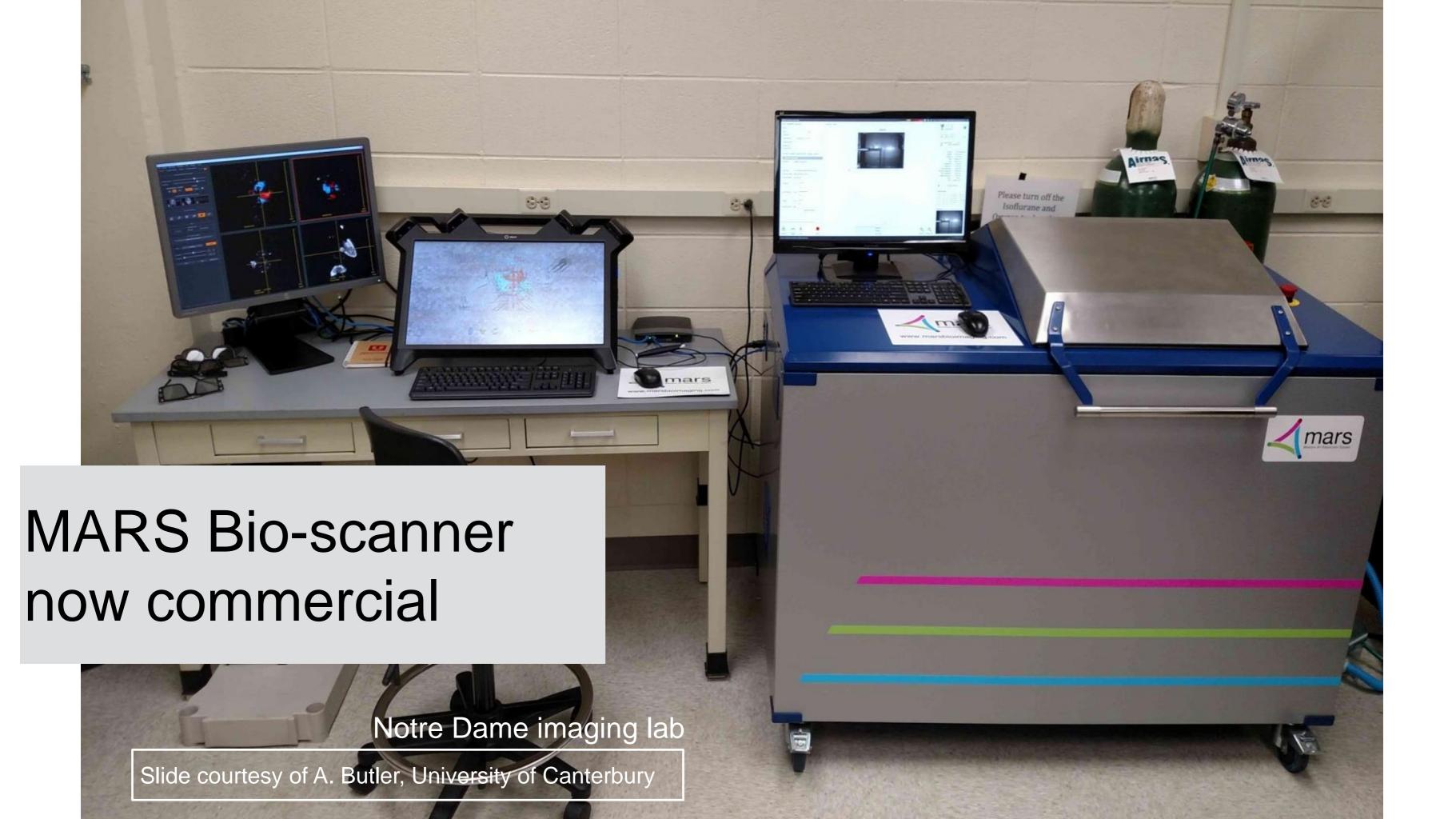


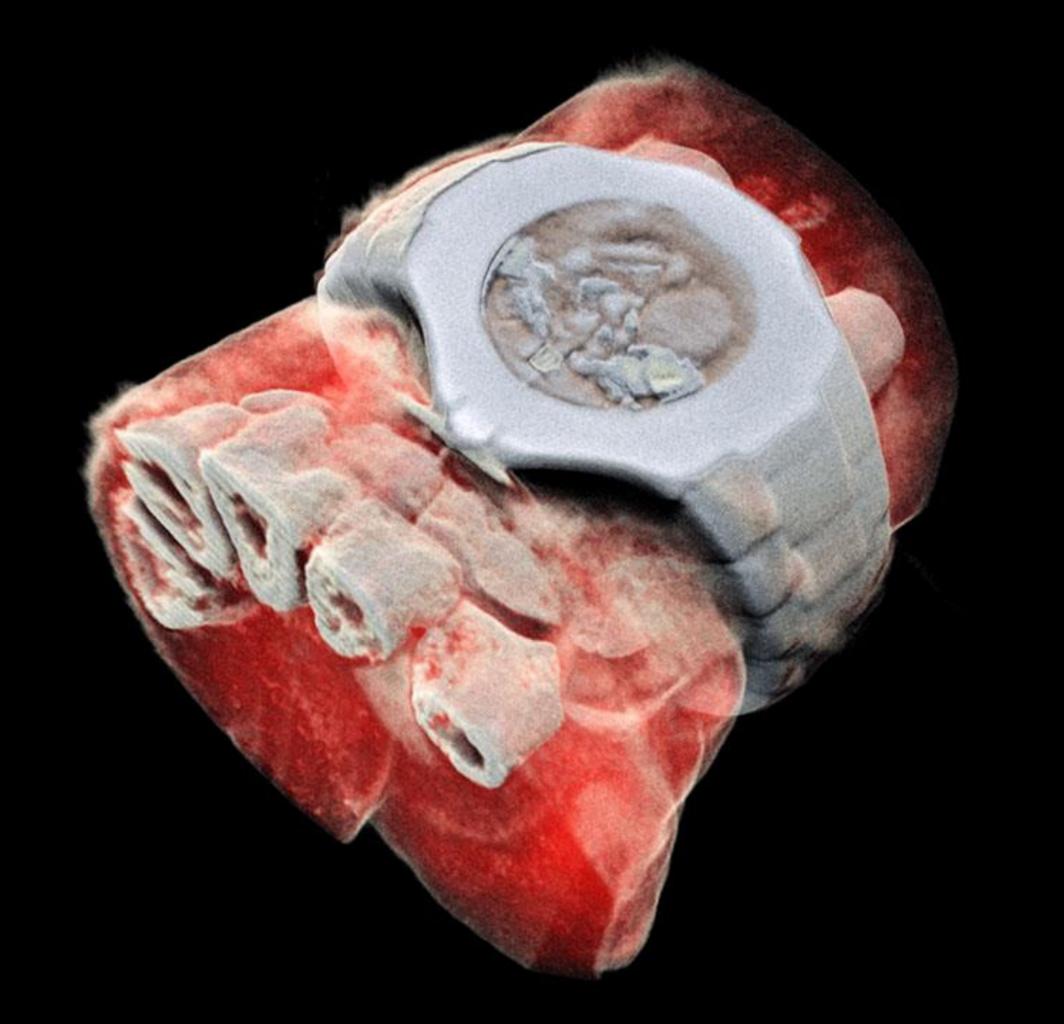


PHILIPS Healthcare





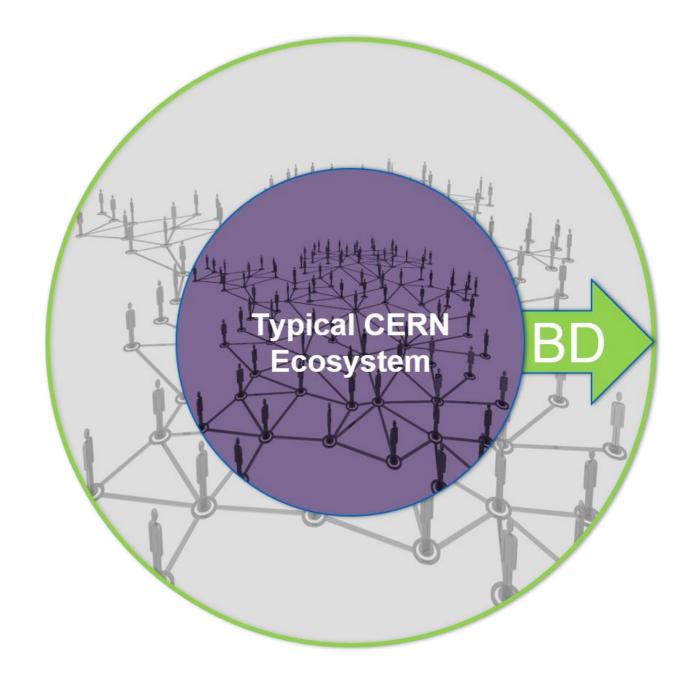




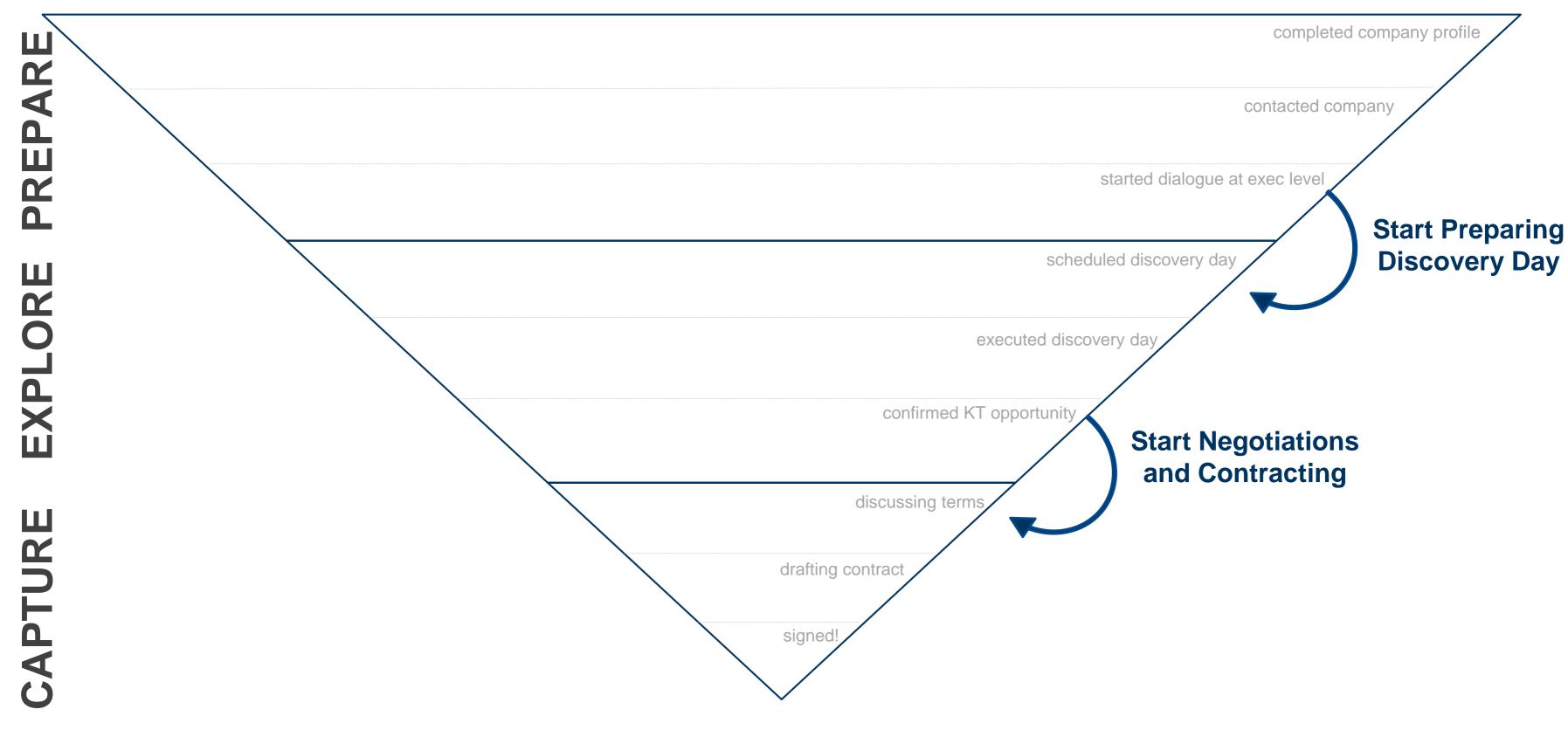
Looking for partners: Business Development



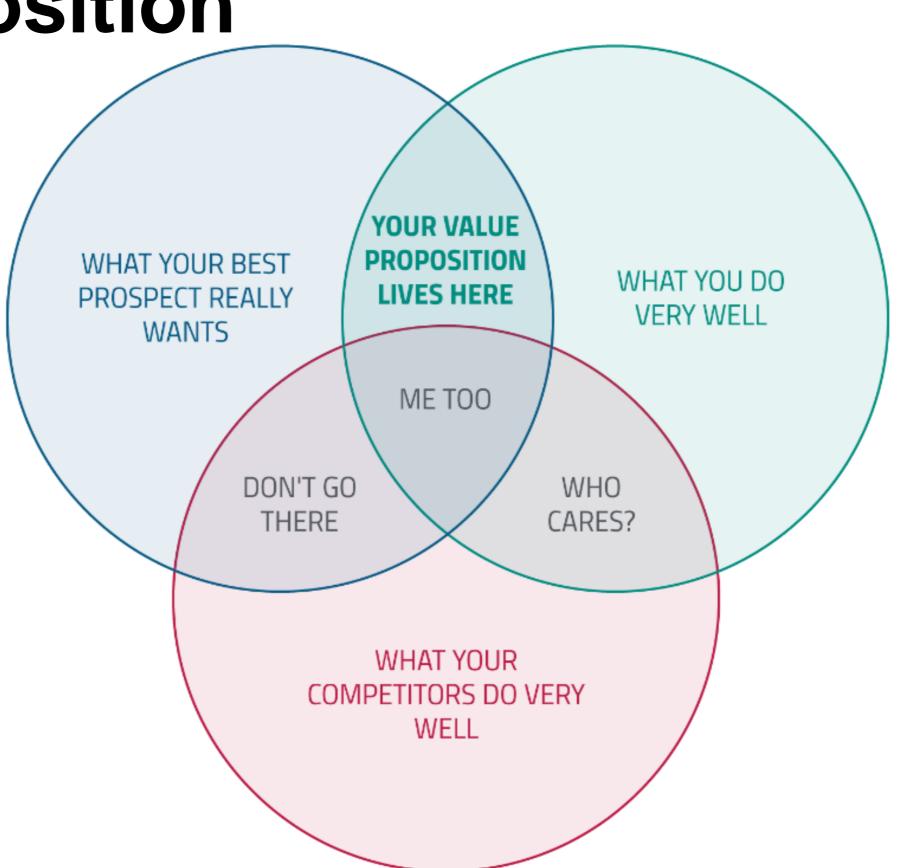
Who can we work with, *outside* the typical CERN HEP ecosystem? We are actively looking for *new* industrial partnerships, aiming for *more positive impact* on society by *accelerating innovation* in the *CERN member states*.

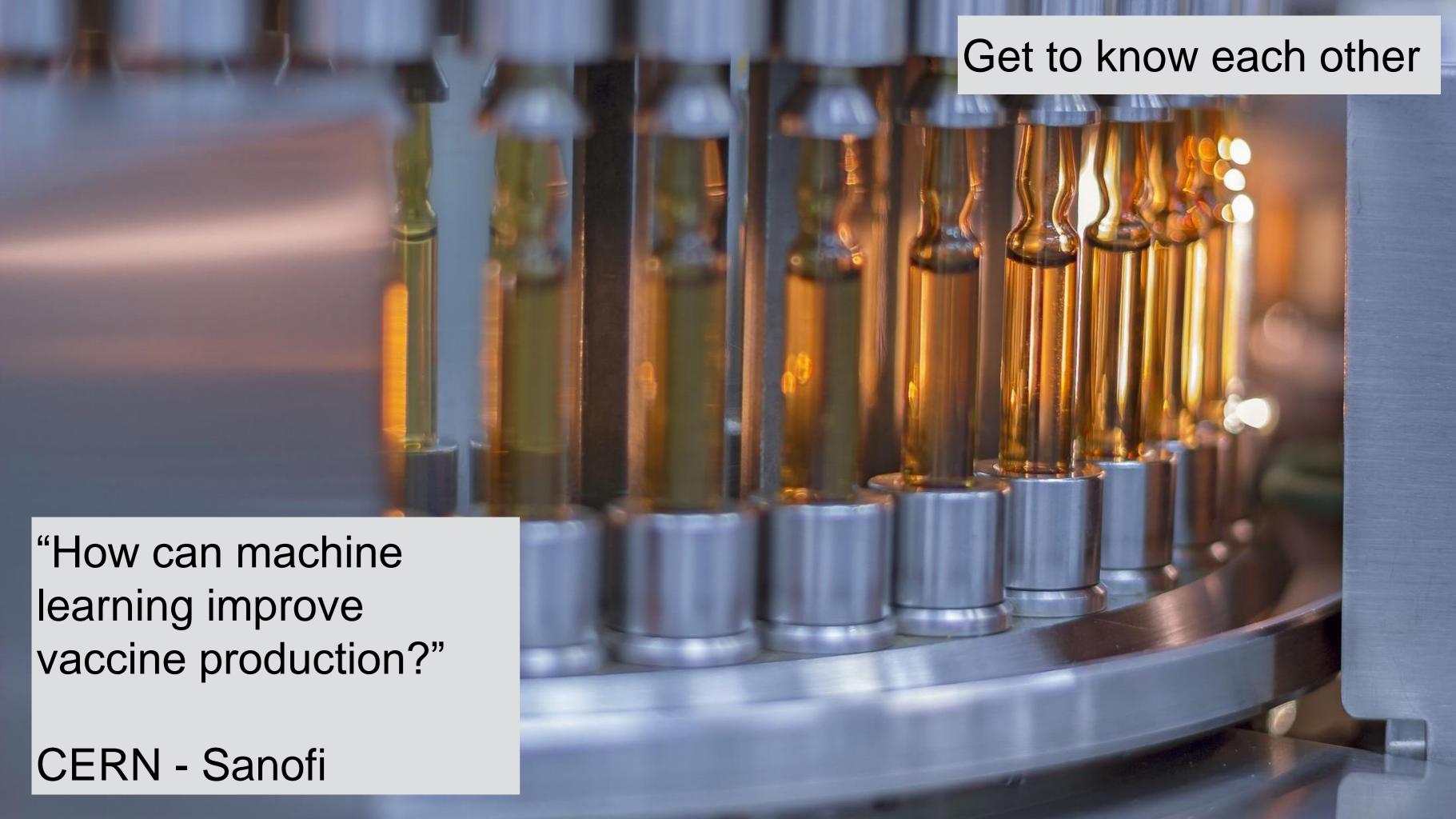


Business Development Funnel

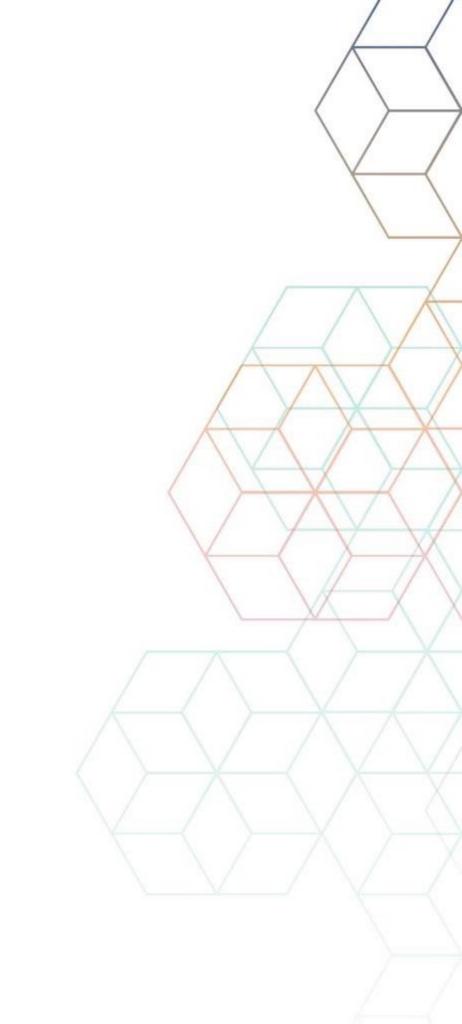


Value Proposition



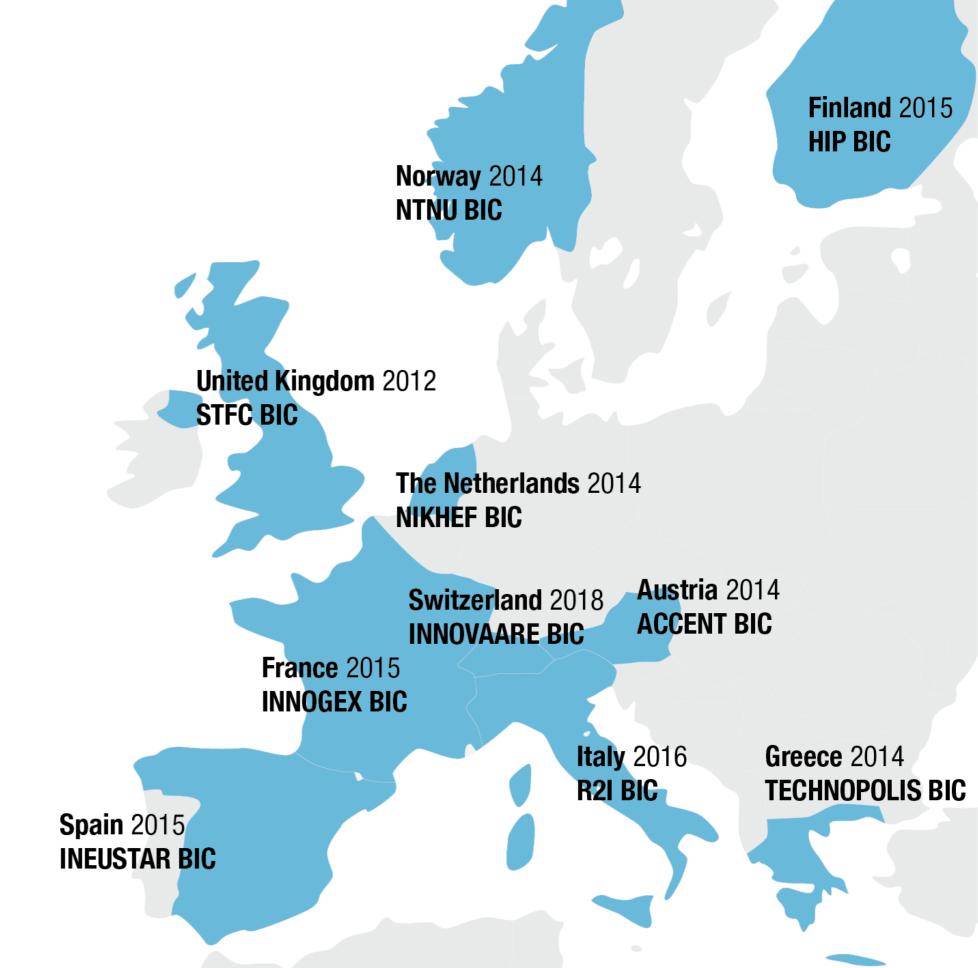


Push or pull?

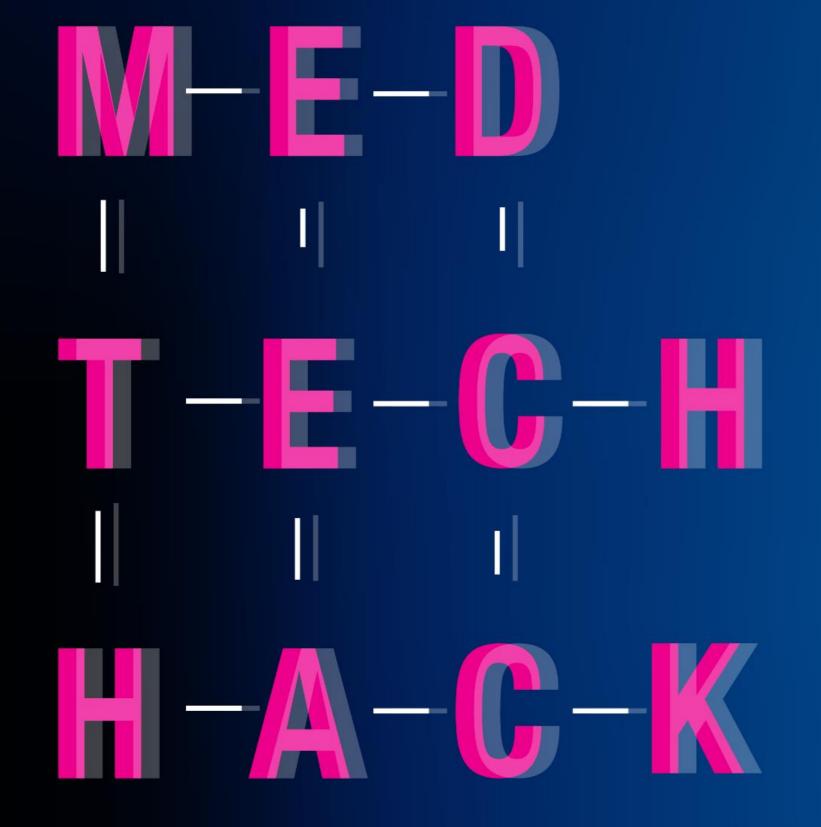


CERN BICs

CERN Network of 10 Member State Business Incubation Centres of CERN Technologies







AN INNOVATION COMPETITION WHERE TEAMS CAN
SOLVE MEDTECH PROBLEMS PITCHED BY HEALTHCARE
ORGANISATIONS AND INDUSTRY.
#CERNMEDTECHHACK

AWARD FEST, FIND OUT MORE AT: INDICO.CERN.CH/E/MEDTECHHACK18















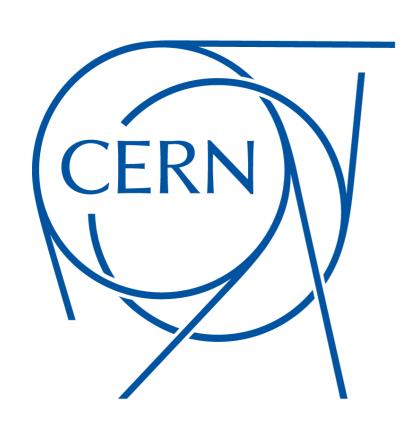






















Medical Technologies

From particle accelerators

Hadron Therapy

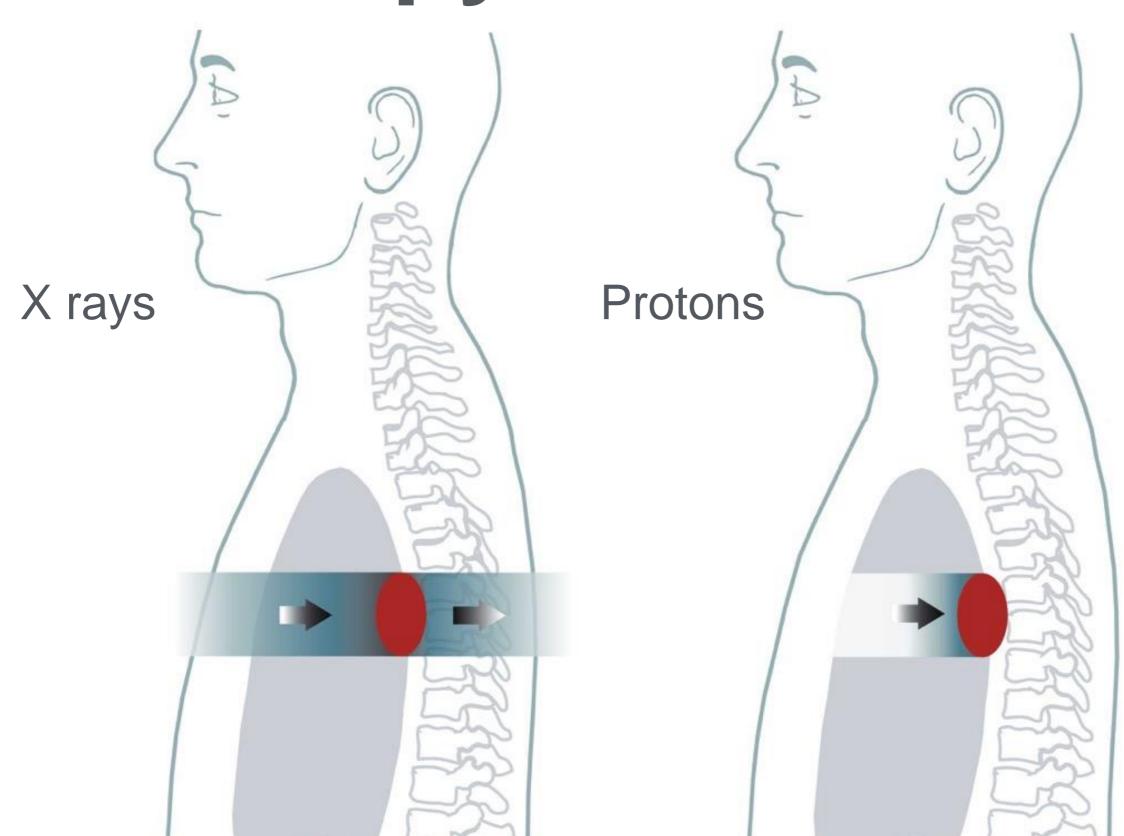
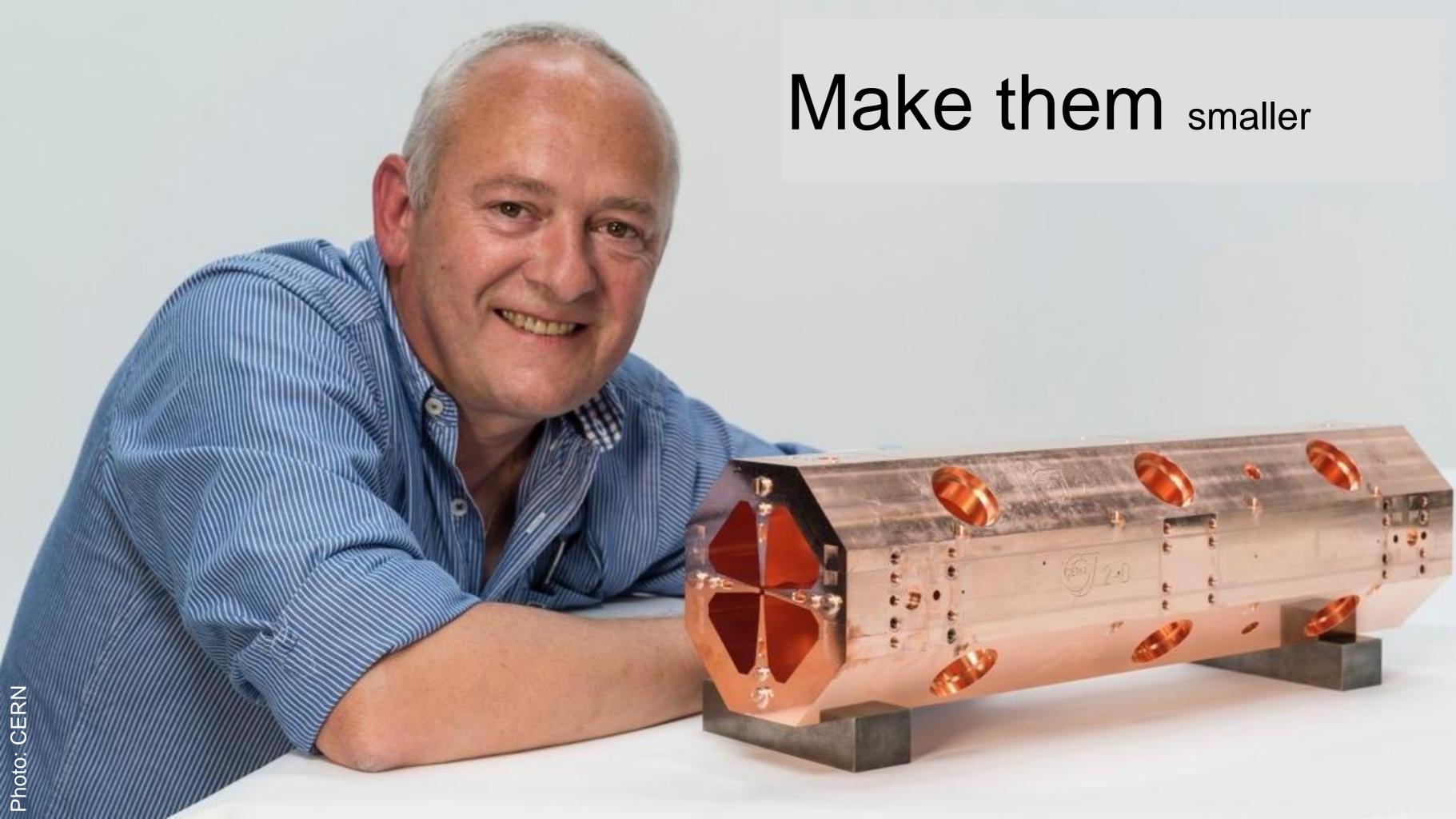
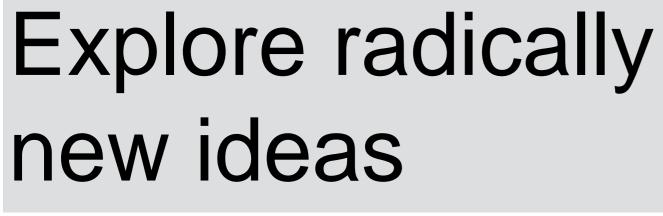
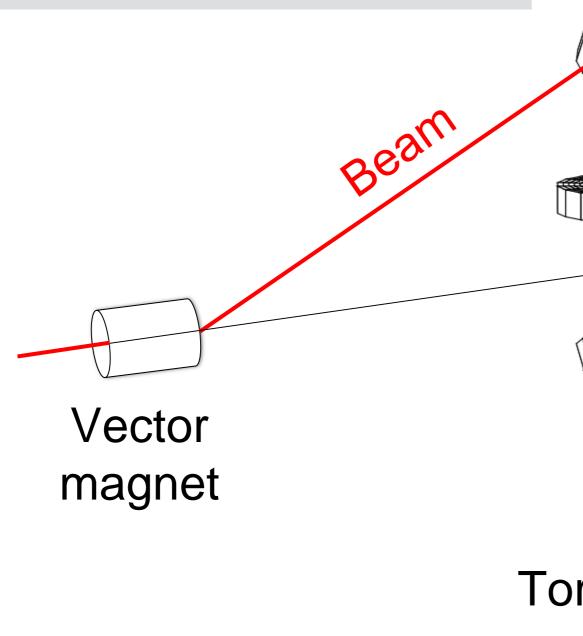
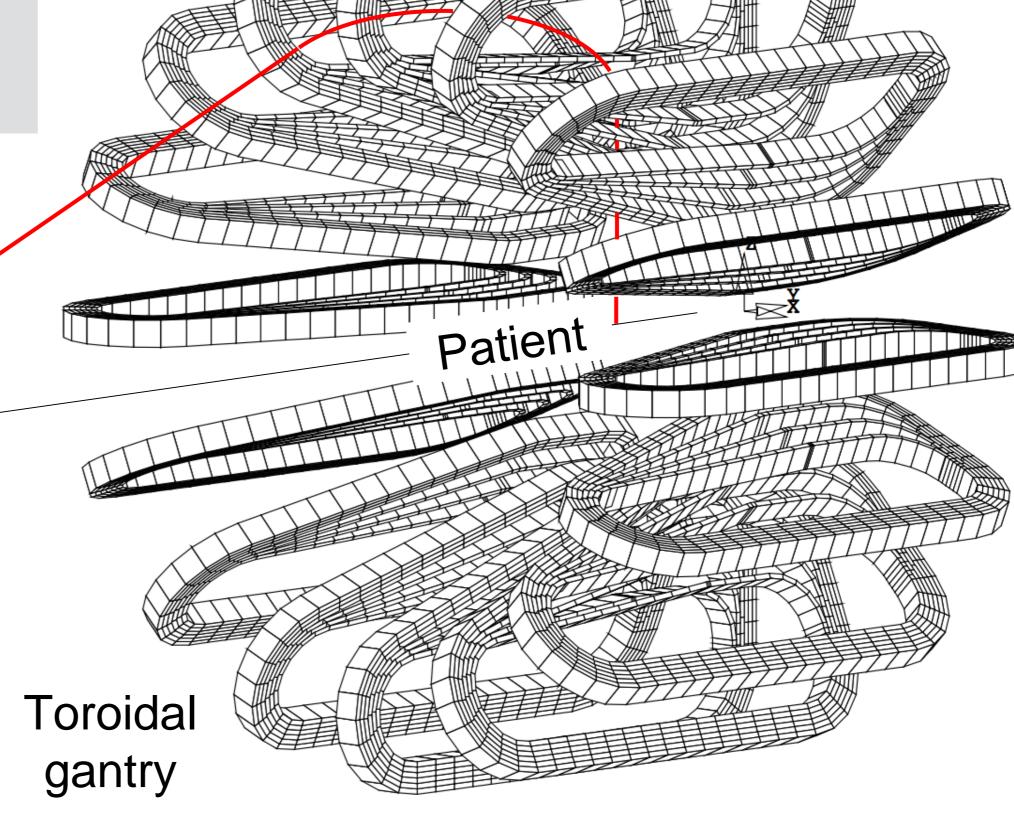


Image courtesy MedAustron







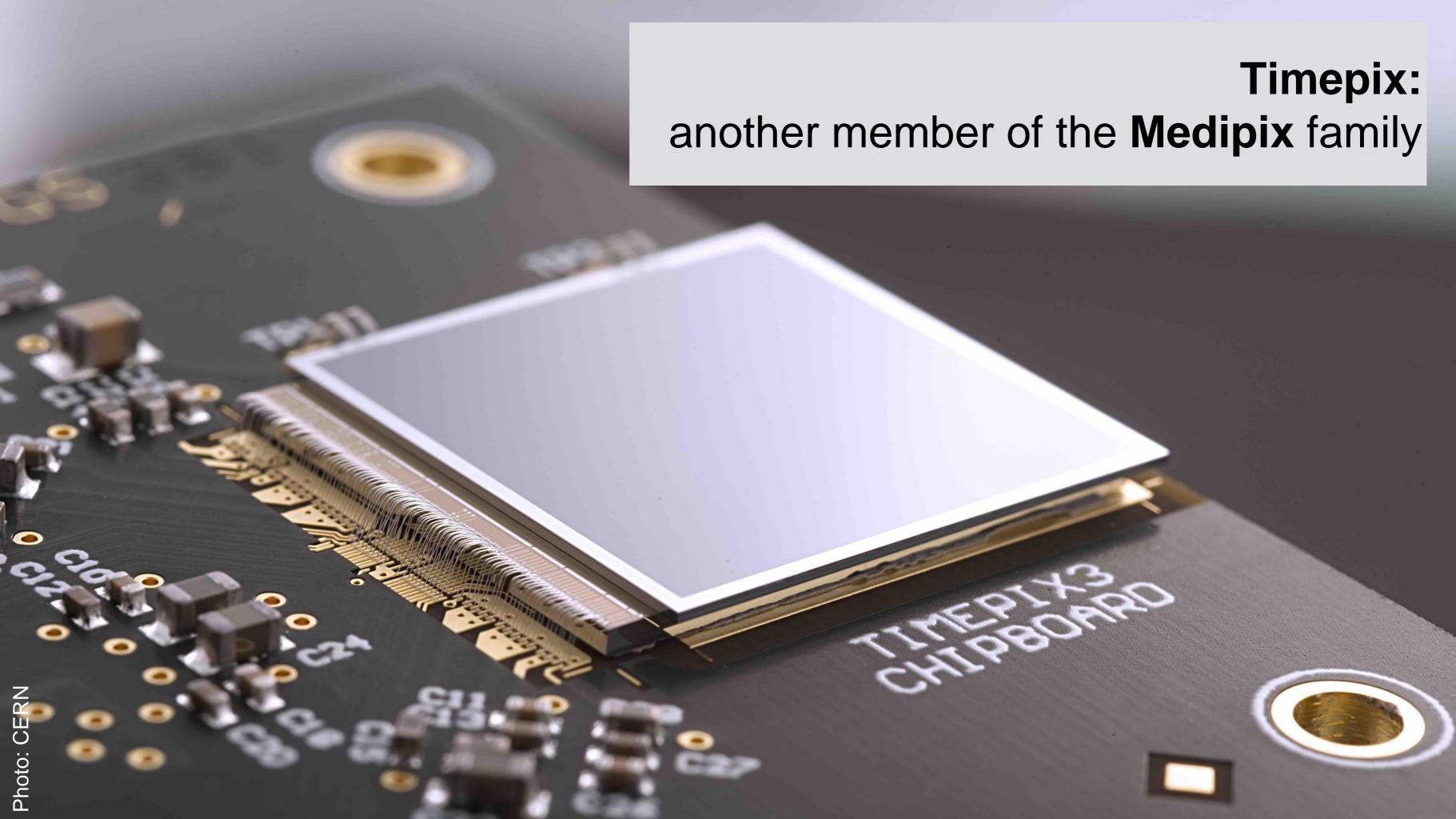


L. Bottura, A Gantry and Apparatus for Focussing Beams of Charged Particles, European Patent Application EP 18173426.0, May 2018

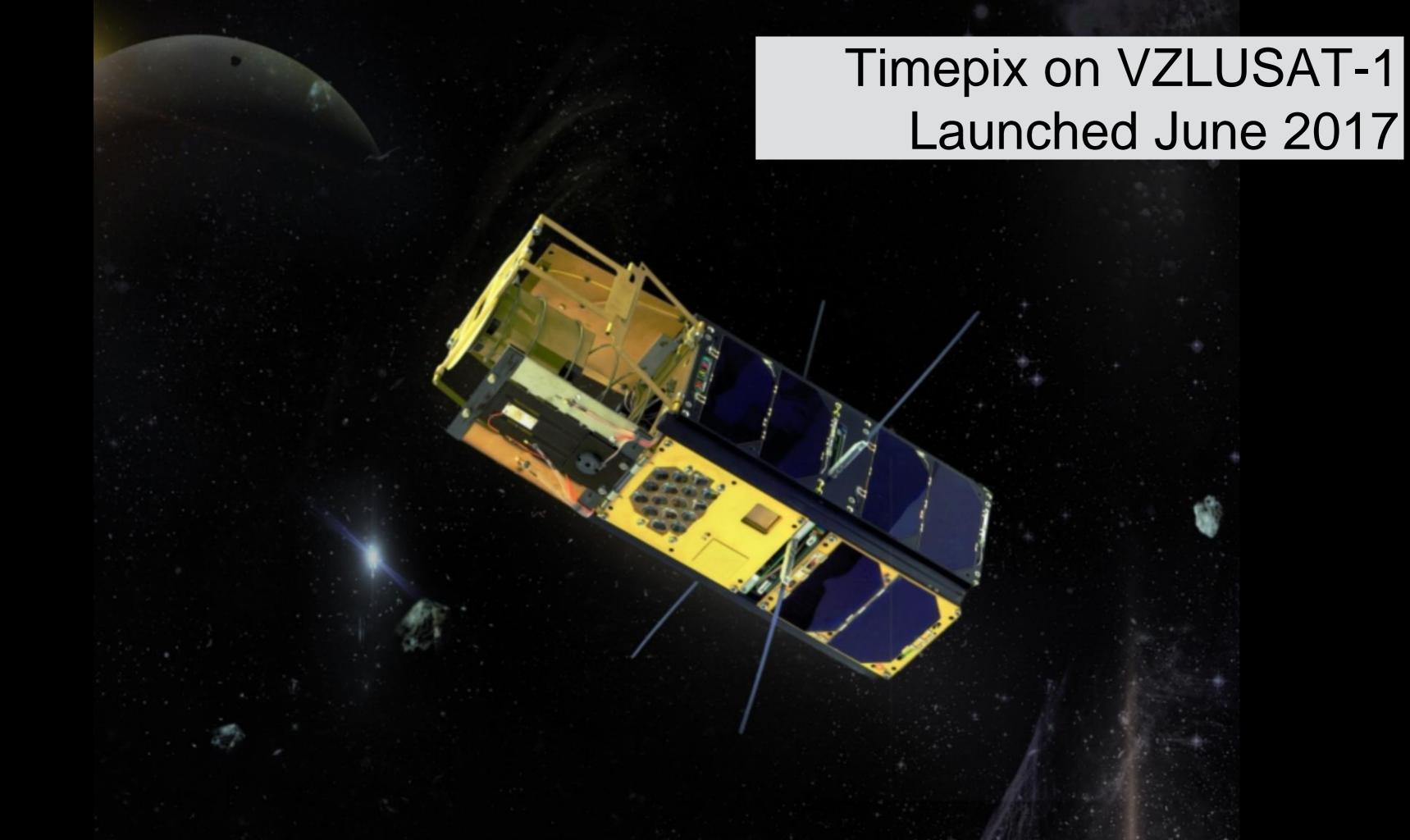


Aerospace









Cultural heritage

#EuropeForCulture

2018 is the European Year for Cultural Heritage







Movable Accelerator for Cultural Heritage In-situ Non-destructive Analysis





