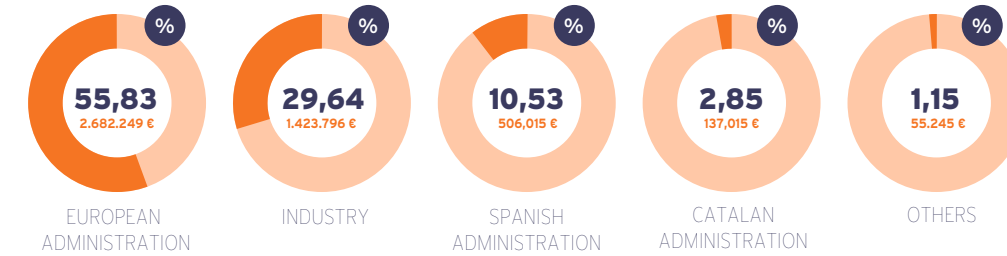


CTTC in numbers

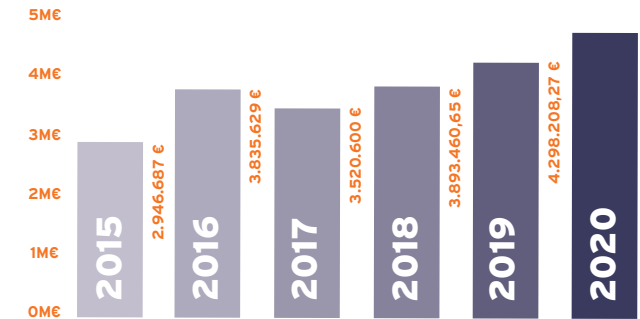
TEAM MEMBERS



Income projects 2020



39%
GROWTH RATE IN THE PAST 6 YEARS



Social & Industrial Impact

AUTOMOTIVE & INTELLIGENT TRANSPORT SYSTEMS SMART MOBILITY SMART GRID AND ENERGY MANAGEMENT SMART CITIES SMART HEALTH SUSTAINABILITY ENHANCED MEDIA INDUSTRY 4.0 RURAL ENVIRONMENTS DRONES DEEP SPACE EXPLORATION CIVIL ENGINEERING EARTH SCIENCES CIVIL PROTECTION ENVIRONMENTAL AGENCIES

Research divisions



▶ Testbeds

ADRENALINE Testbed®

SDN/NFV Packet/Optical Transport Network and Edge/Core Cloud Platform for End-to-End 5G and IoT Services

EXTREME Testbed®

SDN/NFV/MEC-based testbed for 5G Mobile networks

GEDOMIS®

Platform to develop, test and validate the PHY-layer of 5G wireless communication systems

GESTALT®

Open source Global Navigation Satellite Systems Signal Testbed

GEMMA NAVIGATION®

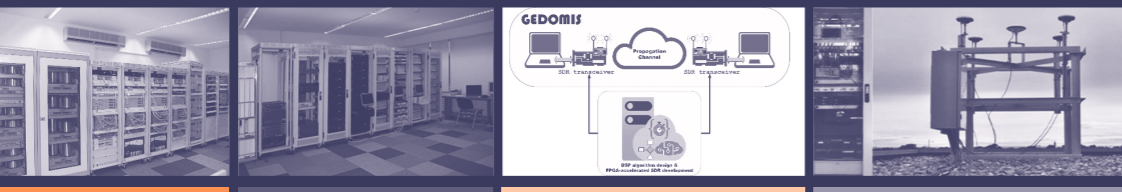
Generic, Extensible and Modular Multisensor navigation Analysis system

CASTLE PLATFORM®

Cloud Architecture for Standardization development

IoT WORLD®

End-to-End testbed for the Internet of Things (IoT)



TRUSTEES



SUPPORTED BY



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UNLICENSED LTE/NR VIRTUALIZED DSP SDN/NFV RADAR
WDM/SDM O-RAN 6G FUNCTION SPLIT GREEN ICT
MANO 6G/5G TESTBEDS 5G TRIALS D2D PROSE
CLOUD SERVICES DPD PUBLIC SAFETY IOT GNSS RECEIVERS
GNSS C-ITS NR SIMULATION SDN/NFV ENERGY HARVESTING
MEMS LAA/LTE-U/NR-U ARTIFICIAL INTELLIGENCE
REMOTE SENSING ORCHESTRATION INDOOR POSITIONING
OPTICAL DISAGGREGATION BEYOND 5G TRANSCEIVER DESIGN M2M

Advanced research for everyday life

▶ cttc.es