

300+

PEOPLE



are working together to build the instrument and prepare for its scientific discoveries.

13

COUNTRIES

are involved in the development of the instrument.



5 YEARS

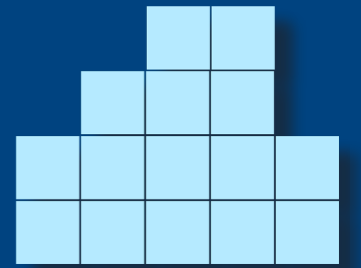
is the expected duration of the mission, with a design lifetime of 10 years overall.



1504

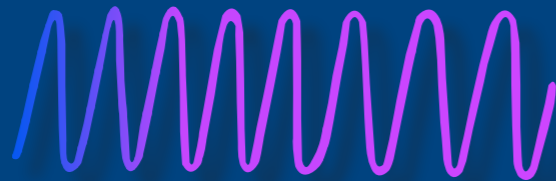
PIXELS

will make up each image captured by the X-IFU.

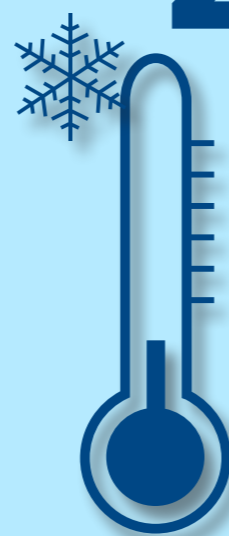


0.2-12 keV

is the energy range of the X-rays that we will be able to observe with the X-IFU.



-273.1°C



is the temperature at the heart of the X-IFU. It is the perfect environment for its thousands of micro-calorimeters.

1.5 cm²

is the surface area of the main detector of the X-IFU.



Ariane 6

is the rocket launcher that *Athena* will be flying with when it takes the X-IFU to space.

