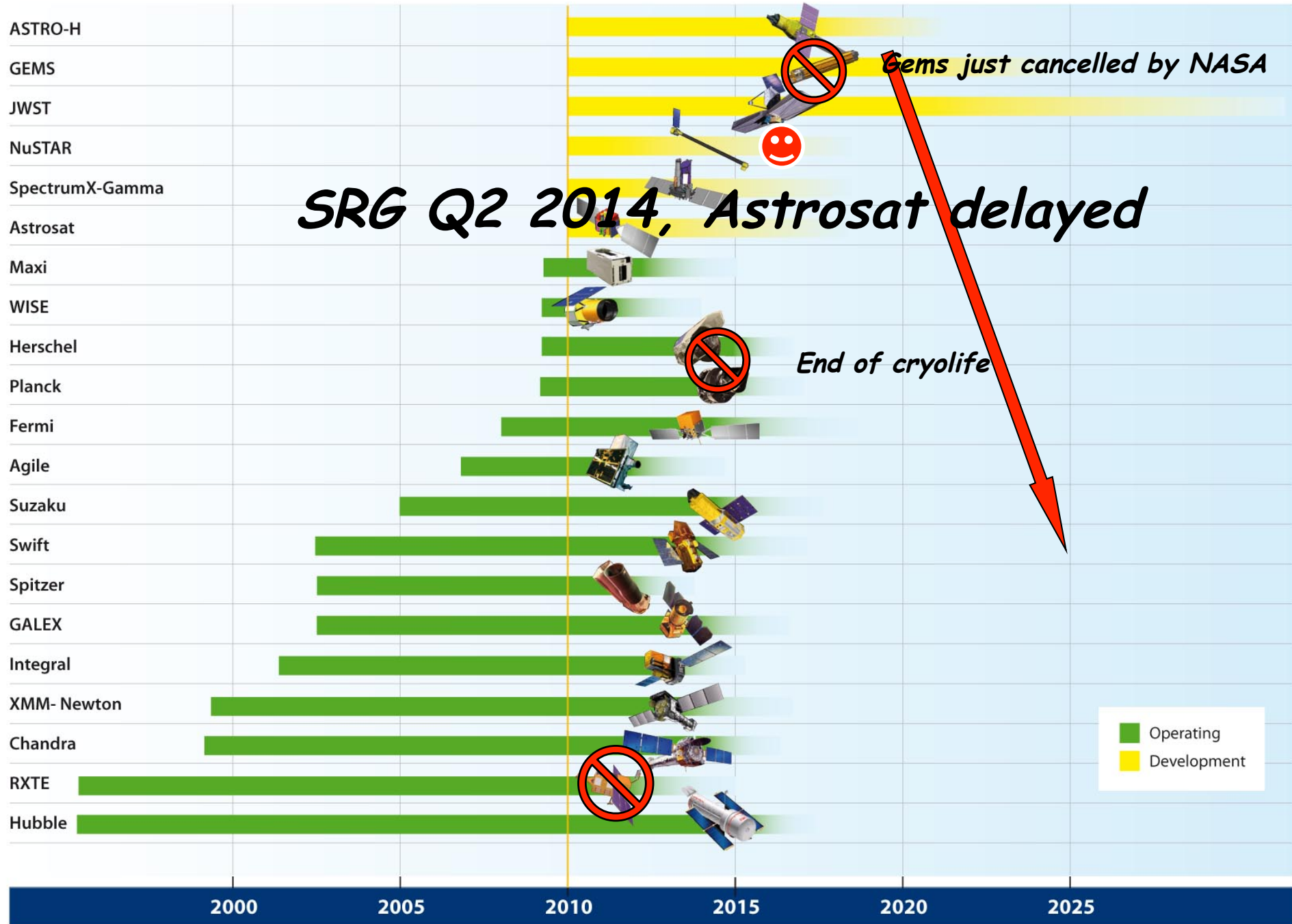


Multi Colour Eyes 2010-2015



Figure 5: The best scenario. A few small/medium size missions are expected to be completed and placed in orbit. Current operative missions, like Chandra, XMM, INTEGRAL, SWIFT, etc. will hopefully be supported and in good hardware status in the future years. Few new entries are expected: Astrosat, Nustar, Astro-H, GEMS, e-Rosita etc.

ASTROPHYSICS MISSIONS: *past, present and future*



WE HAVE AN IMPRESSIVE FLEET OF ASTROPHYSICAL OBSERVATORIES

→ ESA'S FLEET ACROSS THE SPECTRUM

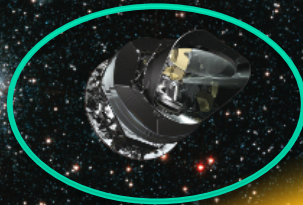


Thanks to cutting edge technology, astronomy is today unveiling a new universe around us. With ESA's fleet of spacecraft, science can explore the full spectrum of light, see into the hidden infrared universe, visit the untamed and violent universe, chart our galaxy and even look back at the dawn of time.

End of cryolife..

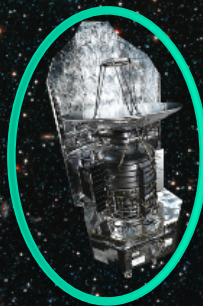
planck

Looking back at the dawn of time



herschel

Unveiling the cool and dusty Universe



just

Striving to observe the first light



gaia

Surveying a billion stars



hst

Expanding the frontiers of the visible Universe

24 April 1990



xmm-newton

Seeing deeply into the hot and violent Universe



10 December 1999

The ESA fleet is aging and we need new Observatory class missions

integral

Seeking out the extremes of the Universe

17 October 2002



radio waves

microwaves

infrared

visible

optical

ultraviolet

x-rays

gamma rays