

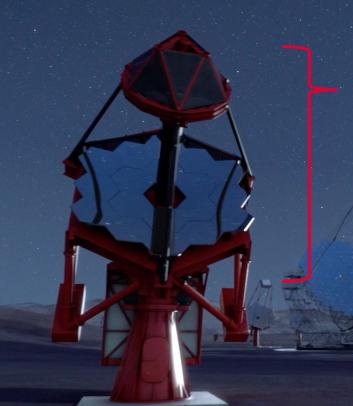


THE SSTS WILL BE DEPLOYED AT CTA-SOUTH

ATACAMA DESERT - CHILE

37 SSTs are currently planned





SMALL-SIZED TELESCOPE (SST)

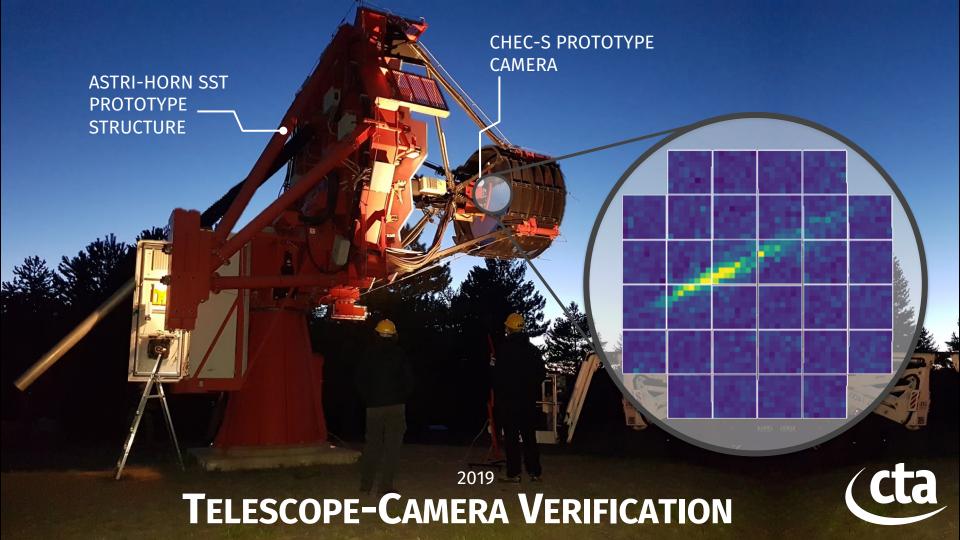
DUAL -MIRROR DESIGN

4.3 m DIAMETER PRIMARY

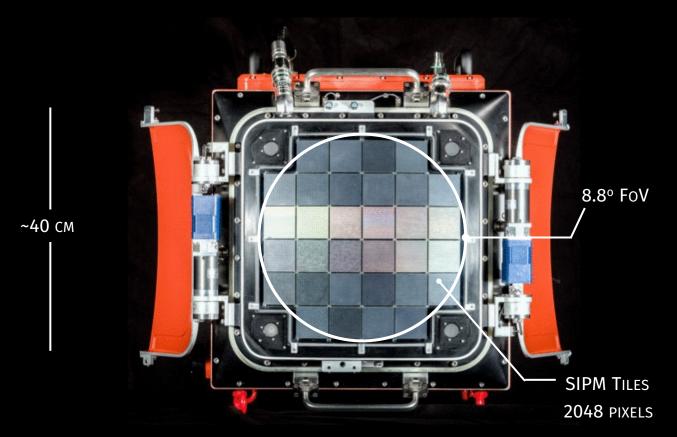
1.8 m DIAMETER SECONDARY

0.5 m DIAMETER CAMERA

6 mm² PIXELS

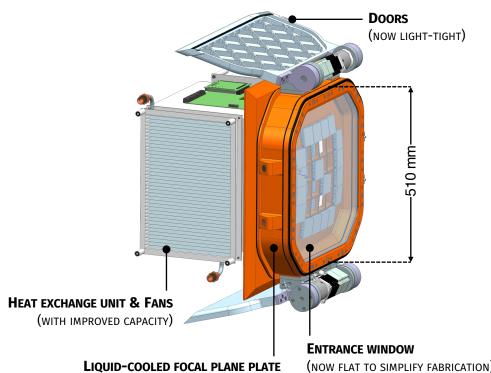


CHEC-S SST CAMERA PROTOTYPE





SST CAMERA DESIGN

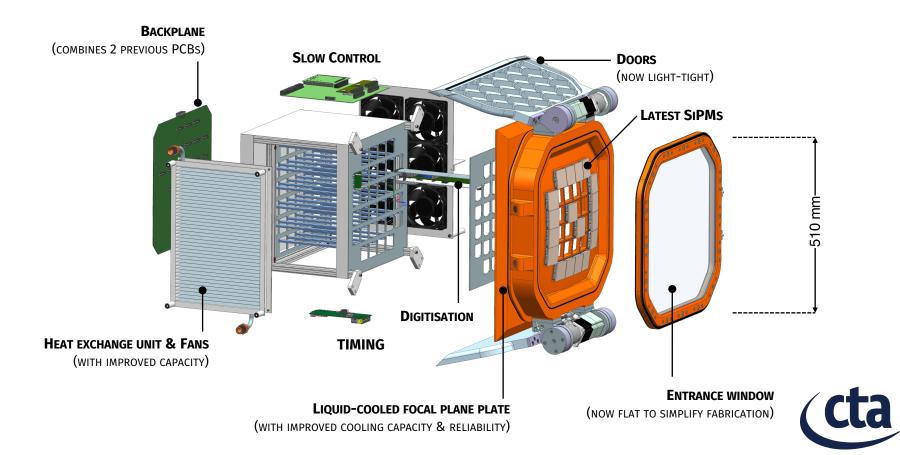


(WITH IMPROVED COOLING CAPACITY & RELIABILITY)

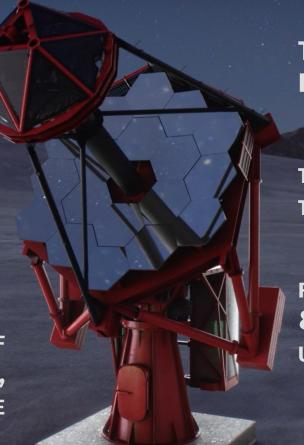
(NOW FLAT TO SIMPLIFY FABRICATION)



SST CAMERA DESIGN



THE SST PROGRAMME HAS NOW BEEN ESTABLISHED



TO PROVIDE SSTS AS A IN-KIND CONTRIBUTION TO CTA

THE TEAM ARE FINALISING THE SST DESIGN

FOR SERIES PRODUCTION & DEPLOYMENT OF 37 UNITS



WITH AN EMPHASIS ON EASE OF MANUFACTURING, ASSEMBLY, AND MAINTENANCE

THE SSTS WILL PROVIDE CTA WITH SENSITIVITY AT THE HIGHEST ENERGIES

AND THE BEST ANGULAR RESOLUTION OF ANY INSTRUMENT ABOVE X-RAY ENERGIES

