



AIRBUS



1st Access to Space for All Initiative Expert Meeting

ClimCam

Bartolomeo Awardee

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PROJECT MANAGER

EGYPTIAN SPACE AGENCY

ClimCam Objectives

- **PrimObj-1: Take color images for East Africa.**
- **PrimObj-2: Determination and allocation of climate change effects at East Africa region.**
- **PrimObj-3: Technology demonstration of the camera system onboard the ISS.**



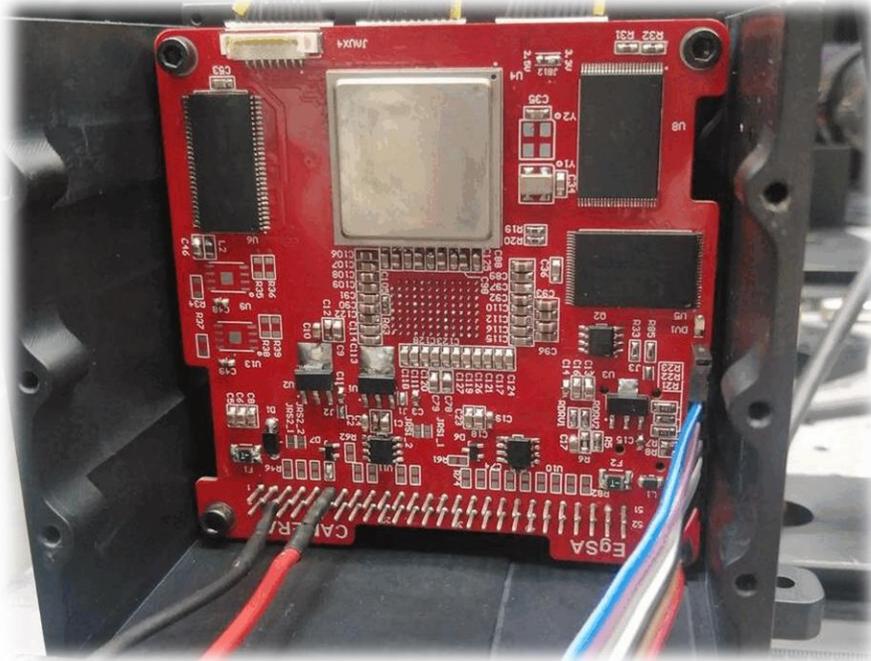
Rationale

- **African agenda 2063** "by 2063, Africa shall be a major social, political and economic force in the world, with her rightful share of the global commons e.g. space".
- **United Nation Sustainable Development Goals**
 - SDG-2: Zero Hunger,
 - SDG-4: Quality Education
 - SDG-9: Industry, Innovation And Infrastructure,
 - SDG-13: Climate Change Action,
 - SDG-17: Partnership For The Goals;
- **Objectives of African Space Policy and African Space Strategy:**
 - Promote Knowledge Sharing;
 - To Create An Industrial Capability;
 - Promote Capacity-Building For The Development Of Space Services;
 - Develop And Enhance Early Warning Systems On The Continent; Promote Intra-Continental Partnerships



Capacity Building

Exchange of knowledge and expertise among African
research groups,



EgSA 2023



Progress

EKU Team gathering in EgSA since 3-2023

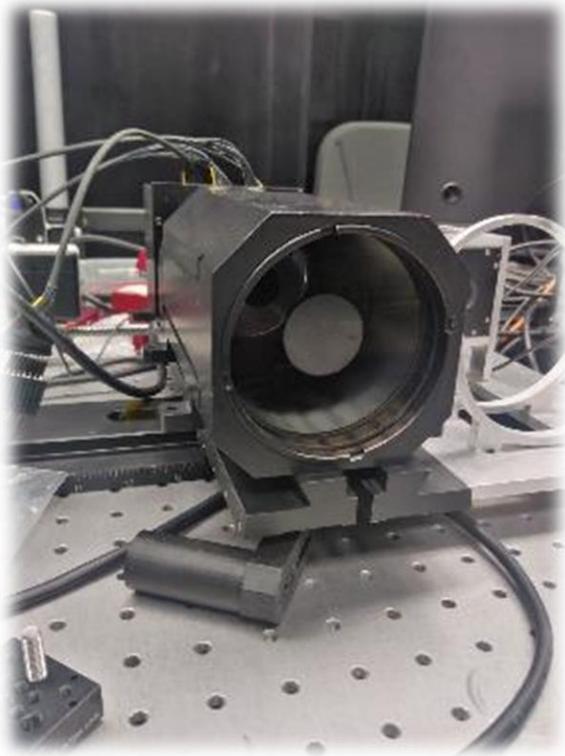
Prototype model of the camera has developed.

A thermal vacuum testing was done for the first functional model.

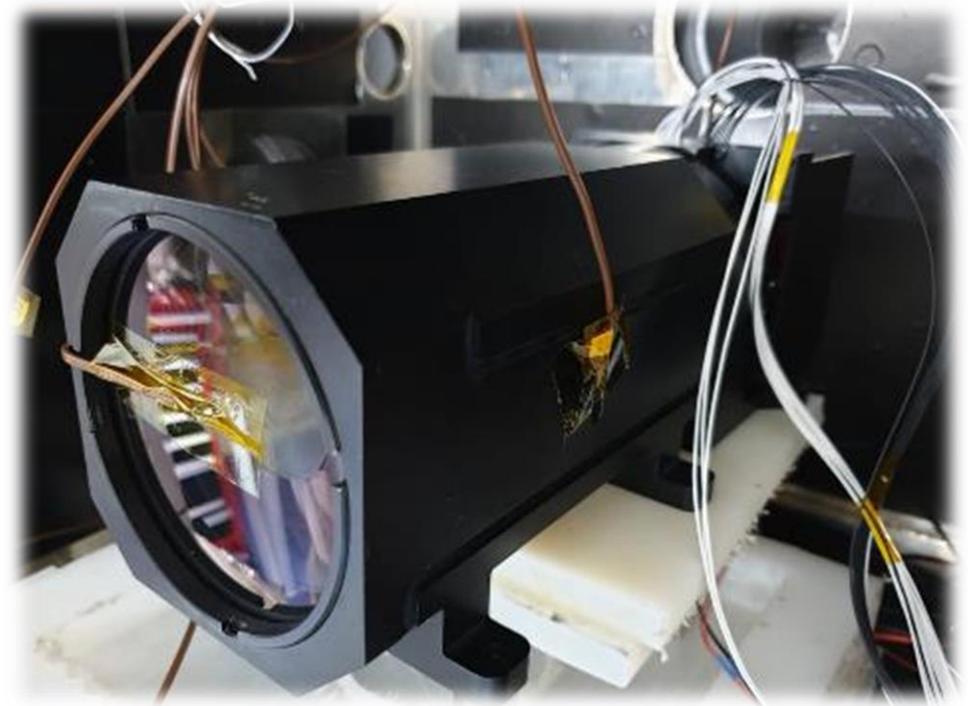


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TVC Testing

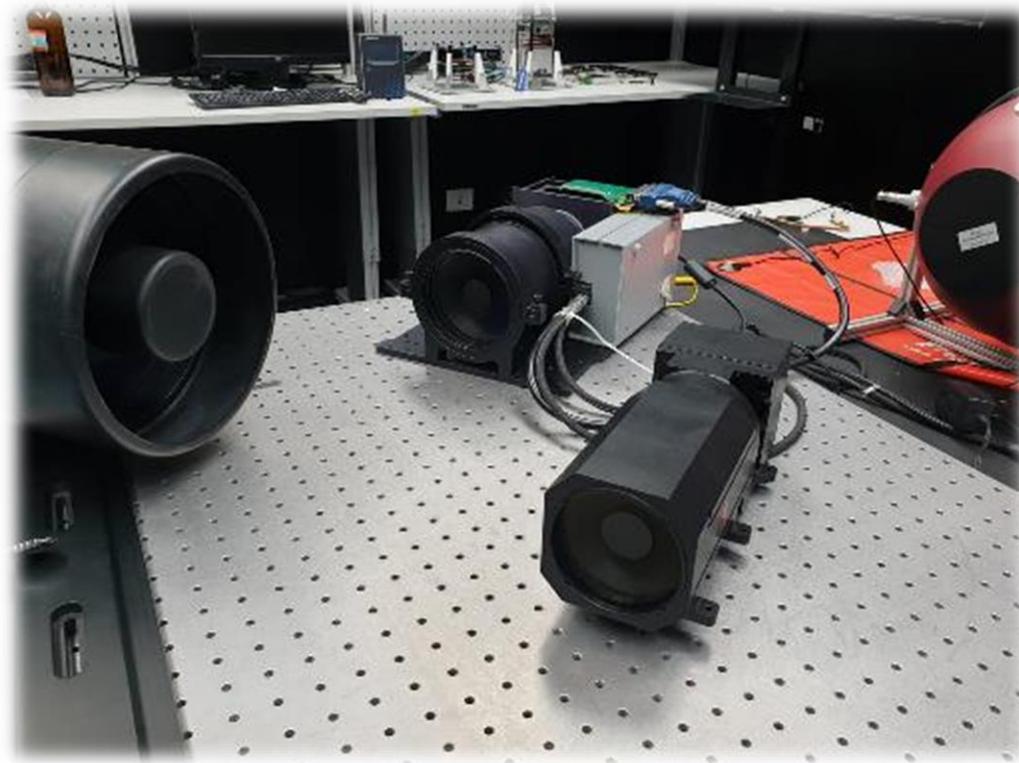


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Awaiting for Model Fit-check



Project Dissemination

EgSA provides a training for capacity building in space technology as hands on sessions.

Next call will be announced by July 2023

