

# **SALT Collateral Benefits Programme – An appeal to ASSA members**

**Presented by Sivuyile Manxoyi ( SAAO)**

**ASSA symposium at the SAAO, Cape Town  
15 October 2022**



**Astronomy Outreach Workshop, 2017 April 21 & 22, SAAO Sutherland**  
(l.t.r.) Willem, Jeremy, Claudine, Cedric, Francois, Anthony, Sivuyile, and Thembella





Cedric, Anthony, Thembela, Willem, Francois, Sivuyile & Jeremy

2017 April 22, 19:16, SAAO Sutherland



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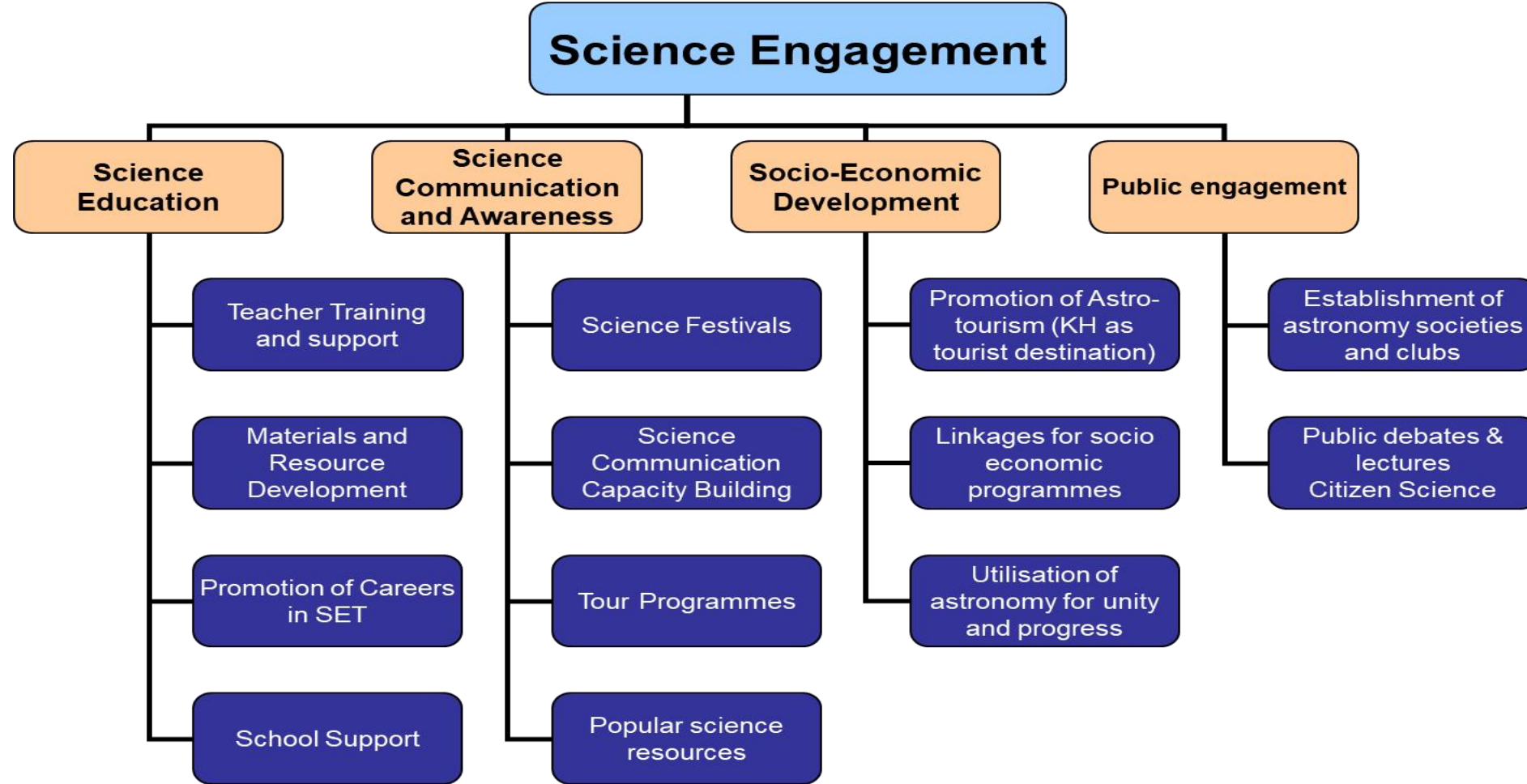
# Introducing SCBP

- Science Engagement and Socio- Economic Development programmes of the SAAO
- Science Engagement: Science Education, Science Communication and Science Awareness
- **Communicating the beauty, relevance and power of astronomy and translating this into tangible educational and socio economic benefits for the communities**
- Highlight some of our successes without providing in depths details ( time limitations)
- Appeal to ASSA : their role is vital
- Participation : elevates the **quality of programmes**, **improves the level of engagement** and has a **lasting impact** on the audiences





# Strategic Approach: sustainability through resources, structures and networks





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# Science Education

- Collaborating with Provincial Departments of Education, Science Centres and Universities – facilitating teacher development and support programmes
- Teacher Competitions – encourage reflections , inclusion of workshop info into their teaching
- Misconceptions from textbooks but also generated by optical illusions, language and alternative conceptions/ constructions of knowledge
- **You are needed for editing of materials , participation in subject committee meetings**  
( (Case , Mattie and other have participated in materials development)
- Talks at schools , stargazing sessions
- Astronomy Quiz – very successful – National now and available online – supporting teams
- Close collaboration with Department of Education is critical for success







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# Science Communication and Awareness

- Open Nights , Public lectures and Webinars : **Needed for Open Nights**
- Tours in Sutherland and Cape Town
- Visitor Centres in CT and Sutherland ( **ideas and assistance in fabrication of exhibits** )
- Festivals and National Science Week – **presentations/ talks , stargazing sessions**
- Media Interviews , Planetarium shows, Documentaries and social media
- Translation of materials into indigenous languages
- Public stargazing in communities and schools
- Support science centres - presentations and talks ( **request support for SCs** )



# Socio – economic benefits

- Development of astro- tourism in Sutherland
- 44 guesthouses and 18 guest farms – leading to employment
- Sutherland Hotel and the Sutherland Planetarium
- Meetings and conferences – Using Sutherland a conference site , **Durban Centre visits.**
- Support local arts and crafts
- Sutherland Community Development Centre – training, workshops , Donation Drive





# Opportunities from an SCBP perspective

- Supporting **astro quiz teams** , possibilities of **stargazing at schools**
- Open Nights at SAAO and public stargazing sessions
- Science Festival participation ( Scope X) – SAASTA support
- Encourage : Bring students to Sutherland , use local guest houses
- Street astronomy to astronomy in the historically disadvantaged communities
- Amateur astronomers collaborations with professional astronomers – engaged research
- Citizen science – Galaxy Zoo , asteroid search , variable star
- Appeal for support for the community based clubs in the Karoo as part of Sutherland 2022





# THANK YOU



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