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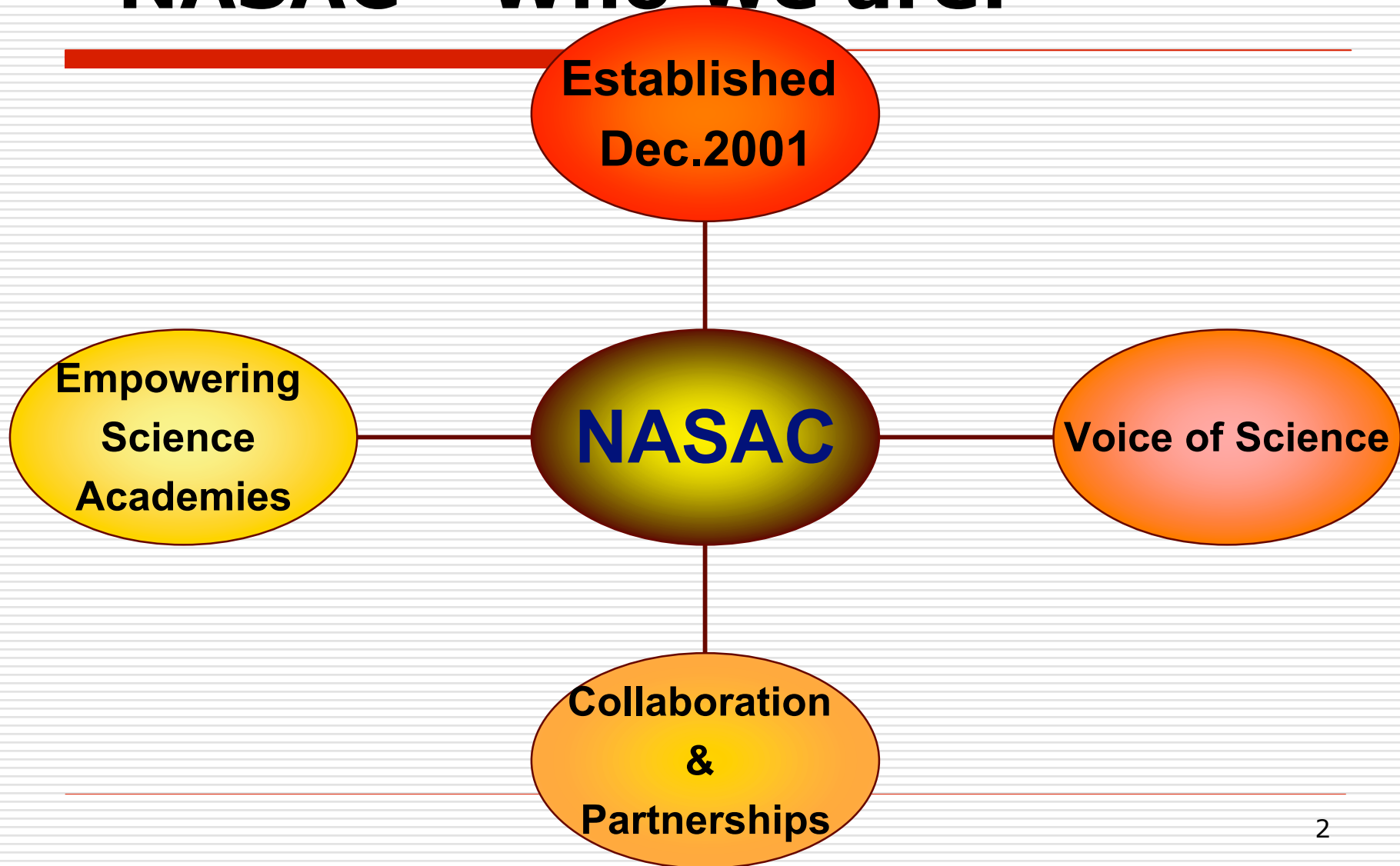
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**ICT potential in a  
Network of Science Academies**

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# NASAC - Who we are:

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# NASAC – Our Membership



# NASAC – What we do..

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- ❑ **Scientific Conferences and Regional Workshops and Roundtables;**
- ❑ **NASAC e-Bulletin and Website;**
- ❑ **Science Education Programme;**
- ❑ **Capacity building programme for existing academies;**
- ❑ **Statements on pertinent issues of concern to the continent; and**
- ❑ **ST-EAP and ASADI**

# Science and ICT

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- Have implications and applications for all sectors of economic activities;**
- Are cross-sectoral themes and with a broad-based stakeholders that could include:**
  - Federal and State governments;
  - Academia and Research Community;
  - Private sectors and Business Community;
  - Media and Civil Society
  - Donors Community and international Institutions.

**ELECTRICITY**

**LITERACY**

**INFORMATION**

**COMMUNICATION**

**TECHNOLOGY**

**PURCHASING  
POWER**

**SKILLS**

## International Yahoo!

Americas

Asia Pacific

Europe



# Cost of widening digital divide

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- ❑ Economic growth and poverty reduction in Africa becomes marginal;
- ❑ Africa's export potential and integration into the knowledge and global economy is minimal;
- ❑ Africa's overall volume of export has been declining and currently accounts for less than 2% of global export;
- ❑ Africa's connection to the "**networked world**" is negligible.

# The missing link

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The vectors and means of connection to the “**networked world**” include:

- ❑ Knowledge **creation**;
- ❑ **Connection of infrastructure and production to utilization of ICT goods** for dissemination;
- ❑ **Unified language of production and dissemination.**

# NASAC's Campaign

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- ❑ Success of national academies and NASAC depends on the commitment and scientific contribution and African scientists to cutting edge research and production of knowledge;
- ❑ Depends on the commitment of senior scientists to intergenerational transfers of knowledge to ensure continuity and global competitiveness of African academies; and
- ❑ At the same time, African academic institutions should also strive to produce leading scientific entrepreneurs.



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Question is:

Can ICT develop Africa?

or

Can Africa develop without ICT?

# **PARADISO opportunity**

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**Open Institutional Repository**

**Capacity enhancement for  
Young Scientists**

**Overcoming challenges related  
to science learning and teaching**

**Guarantee good and sound  
science for African  
renaissance**

# Paradigm Shift for NASAC

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- ❑ Old/male membership that's technophobic
  - ❑ Young Scientists Mentorship programs
  - ❑ Exchange Programmes to encourage adaptation and technology transfer
- ❑ Optimal utilization of ICT
  - ❑ training and awareness creation
  - ❑ Commensurate facilitation for home-grown solutions
  - ❑ Pro-activeness in updating and maintenance
  - ❑ Counter the phobia

# Scientists vs. existing challenges

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# ICT: A vehicle for sustainable development thru' S&T

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# PARADISO & NASAC Partnership

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**The win-win scenario**

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Thank you very much  
for  
your attention