Partnership for skills in Applied Sciences, Engineering and Technology (PASET)

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PASET

Partnership for skills in Applied Sciences, Engineering and Technology (PASET), launched in 2013 by African governments with facilitation of World Bank to build technical & scientific capacity in applied sciences, engineering and technology (ASET) in key economic sectors for Africa’s socio-economic transformation.

• Overseen by Ministers with responsibility for Higher Education, Science and Technology and TVET of the member countries: Rwanda; Senegal; Ethiopia; Kenya and Tanzania.

• Focuses on building the continuum of skills in STEM areas from upper secondary and TVET level to doctoral training and post-graduate research.

• Brings together diverse partners to create a critical mass of scientists, engineers and researchers in Africa.
It focuses on applied sciences, engineering and technology from TVET level to higher education and research

It has three areas of work: (i) incubating and operationalizing regional initiatives (ii) technical assistance to countries and (iii) knowledge sharing, particularly with newly industrialized countries

It is initiated by the strong political will of the member countries

It has a nimble governance structure, which combines the political, operational and advisory; and initiatives are implemented through technical partners that are competitively selected by the financing partners

It is very results, impact, efficiency oriented which make a big difference
Political ownership and strategic leadership by contributing African governments and donors through Governing Council and Executive Board

Technical advice from African and international experts through Consultative Advisory Group

Efficient implementation

Full arrow indicates direction of reporting. Dotted arrow indicates close collaboration & guidance.
Regional Scholarship and Innovation Fund (RSIF)

- PASET’s flagship program, the Regional Scholarship and Innovation Fund (RSIF), was launched in 2015 by His Excellency President Macky Sall of the Republic of Senegal, together with the representatives of H.E. President Kagame of Rwanda and H.E. Prime Minister Desalegn of Ethiopia.

- Pan-African science fund that provides grants for PhD training, research and innovation in applied sciences, engineering and technology fields for priority sectors of growth in Africa, prioritizing women and young African faculty without PhDs.
KEY HIGHLIGHTS:

US$ 36 million raised from 6 SSA governments, Government of Korea and World Bank. Commitments made by 5 additional SSA governments.

11 SSA universities competitively selected as Host Universities from almost 160 applicant universities.

16 scholars from 8 countries (first cohort) competitively selected, funded and enrolled in PhD programs from 980 applicants.

Second cohort of 45 scholars to be selected in coming months.

All with the aim of raising the quality of PhD training and research in competitively selected SSA universities.
Since 2013, PASET has organized five Forums around Africa that have contributed to serve as avenue for knowledge-sharing and bring together diverse stakeholders for a rich exchange of strategies to build high quality technical and scientific capacity in the SSA region.

Over the years, PASET has organized several study tours for African governments and institutions to partner countries to promote knowledge exchange on higher education and skills development.
# PASET Partnerships

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<th>Korea</th>
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| • Provides technical assistance as part of KSP  
• Financially supports some PASET activities through Trust Fund at World Bank  
• PASET will sign MOU with the Korea institute of Energy Research (KIER), Korea Research Institute of Chemical Technology (KRICT) and the Seoul National University (SNU) for RSIF sandwich program. | • MOU between Africa-China-World Bank for tripartite collaboration with Africa on higher education, TVET, science and technology including PASET  
• Financially supports some PASET activities through Trust Fund at World Bank  
• Study tours on higher education and TVET | • World Bank and India’s Department of Science and Technology signed an MoU that will facilitate partnerships between RSIF host universities and Indian Institutes of Technology.  
• Study tour on TVET | • PASET signed an MoU with Samsung Dream Scholarship Foundation on supporting the stipend of RSIF students.  
• An MoU is under preparation with the OCP Group to partner with PASET RSIF in key areas of academic training through the University Mohammed XI University in Morocco.  
• Discussions on supporting the program were held with MasterCard Foundation, the Bill and Melinda Gates Foundation and the Arab Bank for Economic Development in Africa (BADEA). |
| | | | • Two MoUs were signed between RSIF host universities and a Japanese university and an online education company respectively.  
• Study tour on higher education |
**Key Milestones**

- **2013**
  - Jul: 1st PASET Forum, Addis Ababa
  - Jun: 3rd PASET Forum, Dakar and PASET’s Call to Action
  - Aug: Brazil-Africa Learning Event
  - Nov: Launch of Regional Benchmarking

- **2014**
  - Mar: 2nd PASET Forum, Kigali

- **2015**
  - Jun: Launch of RSIF – Three Founding Countries: Senegal; Rwanda; Ethiopia.
  - July: Kenya and Cote d’Ivoire Commit to PASET
  - Oct: Start of KSP with Korea

- **2016**
  - Feb: First benchmarking exercise
  - Aug: Contribution from Kenya to RSIF
  - Oct: Contribution from Rwanda to RSIF

- **2017**
  - Apr: 4th PASET Forum, Nairobi
  - Aug: Enrollment of 1st cohort of RSIF scholars
  - Oct: Contribution from Rwanda to RSIF
  - Oct: Approval of Regional TVET Initiative by WB

- **2018**
  - Jun: Enrollment of 1st cohort of RSIF scholars
  - Jul: Investment by Korea and World Bank into RSIF
  - Oct: Approval of Contributions from Burkina Faso, Ghana and Senegal to RSIF
  - May: 5th PASET Forum, Kigali

- **2019**
  - Mar: Contribution from Cote d’Ivoire to RSIF
  - Apr: Approval of Contributions from Burkina Faso, Ghana and Senegal to RSIF

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**PASET**

Partnership for Skills in Applied Sciences, Engineering & Technology
3. PASET @5
(5 Years Since the Call to Action, PASET Forum, Dakar 2014)

US$ 36 million raised for the Regional Scholarship and Innovation Fund (RSIF), a pan-African science fund.

30 SSA countries and 700 participants across PASET knowledge sharing events

11 RSIF host universities competitively selected among 160 applicants and 16 RSIF PhD scholars selected from 980 applicants

US$ 293 million investment for the Regional TVET Initiative with 16 regional flagship institutes

More than 80 sub-Saharan African universities participating in the Regional Benchmarking for SSA Universities Initiative
Thank you