Ministry of Roads and Transport

REPUBLIC OF KENYA

ENGINEERS BOARD OF KENYA

ENGINEERING PARTNERSHIPS CONVENTION | 2023

Transforming Kenya's Economy: Engineers' Contribution to Development

14th to 16th June 2023

Sawela Lodges, Naivasha, Nakuru County

DRAFT PROGRAMME

Kenya VISION 2030

SUPPLY AND DEMAND OF PROFESSIONAL ENGINEERING SERVICES

The Country is experiencing massive expansion in construction and infrastructure while at the same time facing a shortage of engineering skills. Successful implementation of Kenya Kwanza Manifesto, Kenya Vision 2030, AU Agenda 2063, and Sustainable Development Goals will call for a considerable shift in the manner in which Kenya deploys and employs her resources to acquire the necessary capacity. There is a need to put in place strategies that will build not only the numbers of engineers in the various sectors but also the capacity and skills of the engineers.

ENGINEERS & THE GOVERNMENT AGENDA

Engineering capability is critical to driving national, regional, continental, and global development agendas. This is particularly important in Africa where the per capita number of engineering professionals is lower than in other regions of the world. There is, therefore, a need to develop the Kenyan engineering value chain to build Kenya's engineering capability as a catalyst for social-economic transformation thereby creating a high quality of life for our citizens.

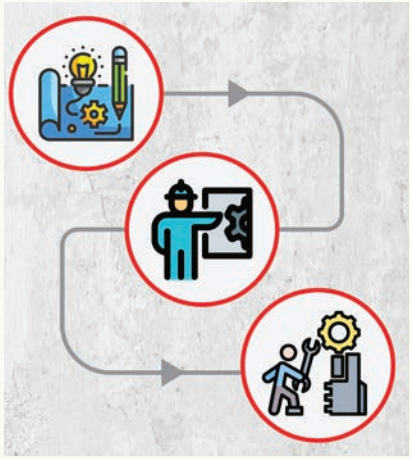
ENGINEERING PARTNERSHIPS CONVENTION | 2023

THE 4TH ENGINEERING PARTNERSHIPS CONVENTION
PILLARS OF THE CONVENTION

Pillar 1

Engineering and Economic Development

- Digital Transformation and Opportunities for Engineering Services
- Innovative Financing for Infrastructure Projects
- Agricultural Transformation and Inclusive Growth
- Accessible and Adequate Housing



Pillar 2

Developing the Engineering Capabilities

- Supply and Demand of Engineers
- Role of Universities in Acceding to the Washington Accord
- Engineering Research and Academia

Pillar 3

Liberalizing Professional Engineering Services in the East African Community and AFCTA

- Continental Performance of the implementation of Agenda 2063
- Building Local, Regional and Global Competitiveness in Liberalized Markets
- Enhancing the Mobility of Engineers under the EAC Mutual Recognition Agreement

Pillar 4

Addressing the Legal, regulatory, and Operational Gaps for Safe, Efficient, and Effective Infrastructure

- Building Engineering Technical Capacity in National and County Governments
- Implementation of Scale of Fees for Professional Engineering Services SCOF 2022
- Strengthening the Regulatory & Institutional Frameworks

REGISTRATION: Tuesday 13th June 2023

REGISTRATION

Time: 2:00 pm - 6:00 pm

28,159.43

Day 1 PROGRAMME: Wednesday 14th June 2023

S/NO. 1 | **Time:** 8:30 am - 11:00 am

Opening Session

- Welcoming Remarks by ***Eng. Margaret N. Ogai, CE*** - Registrar/CEO, Engineers Board of Kenya
- Remarks by: ***Eng. Patrick Wambulwa, CE*** - Chairman, Association of Consulting Engineers of Kenya
- Remarks by ***Eng. Erick Ohaga, CE*** - President, Institution of Engineers of Kenya
- Remarks by ***Eng. Erastus Mwongera, CE, FIEK, CBS*** - Chairman, Engineers Board of Kenya
- Remarks by ***H.E. Hon. Susan Kihika, EGH*** - Governor Nakuru County
- Remarks by ***Eng. Joseph M. Mbugua, PE, MBS*** - Principal Secretary, State Department of Roads
- Remarks by ***Hon. Kipchumba Murkomen, EGH*** - Cabinet Secretary, Ministry of Roads and Transport
- PHOTO SESSION

Master of Ceremony - Eng. Grace Onyango, PE

TEA BREAK

S/NO. 2 **Time:** 11:15 am - 1:00 pm

Panel Session

Engineering and Economic Development

Presentation:

- Cabinet Secretary, Ministry of Roads and Transport - ***Hon. Kipchumba Murkomen, EGH***
- Principal Secretary, State Department of Water and Sanitation, ***Mr. Paul K. Rono, PhD***
- President's Council of Economic Advisors – Bottom-Up Economic Transformation Agenda (BeTA) - Chairperson, ***Dr. David Ndii***
- CEO, Special Economic Zones Authority - ***Dr. Kenneth Chelule***

Panel Discussion:

Key Priority Programs for Economic Transformation

Panelists:

- Principal Secretary, National Treasury, ***Dr. Chris K. Kiptoo, CBS***
- Principal Secretary, State Department for I.C.T. and the Digital Economy, ***Eng. John K Tanui, PE, MBS***
- Secretary, Water and Sanitation, ***Eng. Samwel A. O. Alima, PE, EBS***
- President, Institution of Engineers of Kenya, ***Eng. Erick Ohaga, CE, FIEK, MKIM, AMCIARB (UK)***
- Executive Officer, Kenya Private Sector Alliance, ***Ms. Carole Kariuki***

Moderator

- **TBA**

LUNCH BREAK

S/NO. 3 **Time:** 2:00 pm - 4:30 pm

Breakaway Session 1	Breakaway Session 2	Breakaway Session 3	Breakaway Session 4
Digital Transformation and Opportunities for Engineering • Data Commissioner, ***Ms. Immaculate Kasait, MBS*** • Director General, Communications Authority of Kenya, ***Mr. Ezra Chiloba*** • Konza Technopolis Development Authority – Ag. CEO. ***Mr. John Paul Okwiri*** • Vice President and Capacity Building Committee (Chair), WFEO, ***Eng. Martin Manuhwa*** • CEO, Microsoft Kenya – ***Ms. Phyllis Migwi***	**Innovative Financing Models for Infrastructure Projects** • National Treasury, Director General PPP Directorate, ***Mr. Christopher Kirigua, MBS*** • Association of Consulting Engineers, Chairman ***Eng. Patrick Wambulwa, CE*** • Kenya Investment Authority Ag Managing Director, ***Ms. June Chepkemoi*** • Director General, Kenya Roads Board - ***Mr. Rashid Mohamed, MBS***	**Affordable Housing** • Principal Secretary, State Department of Housing and Urban Development, ***Mr. Charles Hinga*** • National Housing Corporation Managing Director, ***QS Mathu Njuguna*** • AAK President - ***Arch. Florence Nyole*** • President IEK, ***Eng. Erick Ohaga, CE*** • CEO, Council of Governors, ***Ms. Mary Mwiti*** • Joint Building and Construction Council Chairperson, ***Arch. Muchiri L. Waititu***	**Food Security through Water, Irrigation and Blue Economy** • Principal Secretary, State Department of Crop Development, ***Mr. Kello Arsama*** • Agriculture Secretary, ***Eng. Richard Kanui, PE*** • Water Secretary, Ministry of Water, Sanitation, and Irrigation ***Eng. S.A.O. Alima, PE*** • National Irrigation Board, Ag. CEO, ***Eng. Charles Muasya, PE*** • Kenya Ports Authority Managing Director, ***Cap. William Ruto*** • KeSEBAE Chairperson, ***Eng. Prof Lawrence Gumbe, CE*** • NITA Deputy CEO, ***Eng. Vincent Kabuti, PE***
Moderator • TBA	**Moderator** • TBA	**Moderator** • TBA	**Moderator** • TBA

CONTINENTAL HOUSE
MWI LEKEO NI INTERNET
SAFARI NI HATUA

Day 2 PROGRAMME: Thursday 15th June 2023

S/N0. 4 **Time:** 8:30 am - 10:30 am

Keynote Address & Panel Discussion

- Remarks by ***Eng. Margaret N. Ogai, CE -*** Registrar/CEO, Engineers Board of Kenya
- Remarks by ***Eng. Erastus Mwongera, CE, FIEK, CBS*** - Chairman, Engineers Board of Kenya
- Remarks by ***Eng. Mustafa B Shehu,*** Incoming President, World Federation of Engineering Organizations
- Remarks by ***Eng. Joseph M. Mbugua, PE, MBS*** - Principal Secretary, State Department of Roads
- Remarks by ***Hon. Kipchumba Murkomen, EGH*** - Cabinet Secretary, Ministry of Roads and Transport
- ***Keynote Address by His Excellency The President, Dr. William Samoei Ruto, CGH***

Panel Discussion

- ***His Excellency The President, Dr. William Samoei Ruto, CGH***
- ***Hon. Kipchumba Murkomen, EGH*** - Cabinet Secretary, Ministry of Roads and Transport
- ***Eng. Erastus Mwongera, CE, FIEK, CBS*** - Chairman, Engineers Board of Kenya
- ***Eng. (Prof.) P.N Kioni, PE -*** Vice Chancellor Dedan Kimathi University of Technology
- Representative from Industry

Moderators:

- TBA

Launch and Commissioning

- Engineers Project Registration Portal
- Cohort 4 of the Graduate Engineers Internship Programme.

- Photo Session

TEA BREAK

S/N0. 5 **Time:** 11:00 am - 12:15 pm

Developing the Engineering Capabilities

Supply of Quality Engineers to Meet Demand

Presentation:

Supply and Demand of Engineers

- Chief Executive Officer Public Service Commission, ***Dr. Simon K Rotich, CBS***
- Chairperson, Academics Qualification Committee, EBK, ***Eng. (Prof.) Sylvester Abuodha, CE***
- Assessor, Engineering Accreditation Council, Board of Engineers Malaysia (BEM), ***Prof Ir Abdul Aziz Omar,***
- Vice Chancellor Dedan Kimathi University of Technology, ***Eng. (Prof.) P.N Kioni, PE***

Panel Discussion:

- Council of Engineering Deans and Principals, ***Eng. (Prof.) Benard Ikua, PE***
- Kenya Private Sector Alliance - Executive Officer, ***Ms. Carole Kariuki***
- Chief Executive Officer, Kenya Association of Manufacturers, ***Mr. Anthony Mwangi***
- Technical and Vocational Education and Training Authority, Director General, ***Dr. Kipkirui Langat, PhD, FIETK***

Moderator

- *TBA*

S/NO. 6 **Time:** 12:20 pm - 1:20 pm

Panel Session

Liberalizing Professional Engineering Services in the East African Community and African Continental Free Trade Area

Presentation:

- Incoming President, Federation of African Engineering Organizations, ***Eng. Papias Kazawadi***
- Incoming President, FIDIC Africa, ***Eng. Rizwan Qadri***
- Member, Trade-in-Services Working Group, Association of Consulting Engineers of Kenya, ***Eng. Dick Ndiewo, CE***

Panel Discussion:

- East African Community Registrars
- Chairman, Association of Consulting Engineers of Kenya, ***Eng. Patrick Wambulwa, CE***

Moderator:

- TBA

LUNCH BREAK

S/NO. 7 **Time:** 2:00 pm - 3:00 pm

Road-map towards COP 29

Presentation:

- Principal Secretary, Environment and Climate Change, ***Eng. Festus K. Ng'eno, PE***
- Director General, National Environment Management Authority, ***Mr. Mamo B. Mamo, EBS***

Moderator:

- *TBA*

S/N0. 8 **Time:** 3:00 pm - 5:00 pm

Breakaway Session 5	Breakaway Session 6	Breakaway Session 7	Breakaway Session 8
Dedicated Workshop: Assessing the Readiness of Universities in Acceding Washington Accord (Invite Only) • ***Ir Abdul Aziz Omar,*** Accessor Engineering Accreditation Council BEM	**Engineering Research and Academia** • KIRDI, CEO ***Dr. - Ing Calvin Onyango*** • NACOSTI, Director General/ CEO ***Eng. Prof. Walter O. Oyawa, PE*** • KIPPRA, Executive Director, ***Dr. Rose Ngugi*** • KURA- Director General, ***Eng. Silas Kinoti, PE, MBS*** • University of Nairobi - Research Innovation and Enterprise, Associate Vice - Chancellor ***Prof. Margaret Jesang Hutchinson.***	**National Climate Change Action Plan** • Director General EPRA, ***Mr. Daniel Kiptoo Bargoria*** • FNSE - CEO/MD Elfad Concept, ***Eng. Fadipe Oladede Elnathan,*** • KEBS Managing Director & Council Secretary ***Ag. MD, Mrs Esther Ngare*** • Council of Governors CEO ***Ms. Mary Mwiti***	**Dedicated Workshop: Implementation of EAC Mutual Recognition Agreements (MRA) (Invite Only)** • Registrar, Engineers Board of Kenya - ***Eng. Margaret Ogai, CE*** • Registrar, Engineers Registration Board Tanzania - ***Eng. Benard Bonface Kavishe*** • Registrar, Engineers Registration Board Uganda - ***Eng. Namugera Ronald*** • Registrar, Institution of Engineers Rwanda - ***Eng. Alexis Dushimire Hategekimana***
	Moderator • TBA	**Moderator** • TBA	

Gala Dinner

& Launch of the

Engineers Portal

Time: 6:00 pm - 8:00 pm

Day 3 PROGRAMME: Friday 16th June 2023

S/N0. 9 **Time:** 8:30 am - 11:00 am

Addressing the Legal, Regulatory and Operational Gaps for Safe, Efficient, and Effective Infrastructure

Presentation:

- Principal Secretary, State Department of Public Works, ***Mr. Joel Psimatwa Loremoi Arumonyang***
- Chairman, Engineers Board of Kenya, ***Eng. Erastus K. Mwongera, CE, FIEK, CBS***
- Architectural Association of Kenya President, ***Arch. Florence Nyole***

Panel Discussion:

- Chairman, Registration, Profession Development & Compliance Committee, EBK, ***Dr. Eng Johnson Matu, CE***
- Institution of Engineers of Kenya President, ***Eng. Erick Ohaga, CE***
- National Construction Authority, Executive Director, ***Eng. Maurice Aketch, PE, EBS***
- Chairman Infrastructure CECMs, CECM, Transport and Infrastructure, Nandi County ***Eng. Drice K. Rono, PE***
- Chairman, Kenya Bankers Association, ***Mr. John Gachora***
- Board of Registration of Architects & Quality Surveyors, Executive Officer, ***Mr. Mwongera Rukaria***
- Kenya Engineering Technology Registration Board Chairperson, ***Ms Alice Mutai, OGW***
- Kenya Property Developers Association Chairman, ***Mr. Ken Luusa***

Moderator

- Eng. James Kung'u, PE

TEA BREAK

S/NO. 10 **Time:** 11:15 am - 1:00 pm

Panel Session

The Convention Communique – ***Eng. Grace Onyango, PE***

Closing Ceremony

- Remarks from the ***Eng. Margaret Ogai, CE*** - Registrar/CEO, Engineers Board of Kenya
- Remarks by ***Eng. Erick Ohaga, CE*** - President, Institution of Engineers of Kenya
- Vote of Thanks – ***Eng. Patrick Wambulwa, CE*** – Chairman, Association of Consulting Engineers of Kenya
- Remarks by ***Eng. Erastus K. Mwongera, CE, FIEK, CBS*** - Chairman, Engineers Board of Kenya
- Remarks by Governor Nakuru County, ***H.E. Hon Susan Kihika, EGH***
- Remarks by ***Eng. Joseph M. Mbugua, PE, MBS*** - Principal Secretary, State Department of Roads
- Remarks by ***Hon. Kipchumba Murkomen, EGH*** - Cabinet Secretery, Ministry of Roads and Transport
- Remarks by ***H. E. Anne Waiguru, EGH, OGW*** - Chairperson, Council of Governors

LUNCH BREAK

REPUBLIC OF KENYA

ENGINEERS BOARD OF KENYA
Enhancing Professionalism

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Kenya VISION 2030

The Institution of Engineers of Kenya
Founded 1972

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