

## Higher Education for Industrialization in Africa

### 1. Background and objectives of the seminar

The economic growth in Africa is rapid and remarkable in recent years. However, main drive for their growth depends on increase of exporting abundant natural resources. Economic disparity in societies and lack of adding high value on products are still common problems among African countries. In order to promote their sustainable and equitable growth, diversification of their economies beyond natural resources dependency and developing human resources for such transformation are foremost important challenges. Against this background, more attention should be given to the key roles of higher education, especially science and technology, for industrialization of their economy. Japan has long history of higher education cooperation in Africa and two good practices: Egypt-Japan University of Science and Technology (E-JUST) in Egypt and Jomo Kenyatta University of Agriculture and Technology (JKUAT) in Kenya. Through these examples, the audience will share achievements so far, identify challenges facing higher education in Africa, and exchange thoughts and opinions how to overcome these challenges.

### 2. The objectives of the seminar are:

- To identify challenges for developing science and technology in Africa and exchange thoughts and opinions to overcome those challenges
- To discuss what types of knowledge graduates should acquire through higher education, how the key universities in the region, such as E-JUST and JKUAT, establish their knowledge networking intercontinentally and internationally, and what further efforts are necessary to broaden and deepen their networking

\*E-JUST: Egypt-Japan University of Science and Technology

JKUAT: Jomo Kenyatta University of Agriculture and Technology

### 3. Speakers

- Amb. Ali ELHEFNY, Vice Minister for African Affairs, Ministry of Foreign Affairs of Egypt
- H.E. Hisham EI-ZIMAITY, Ambassador, Embassy of Egypt
- Prof. Dr. Mohamed Samir HAMZA, First Under-Secretary of State, Ministry of Higher Education - Egypt (TBD)
- Prof. Dr. Kiyoshi OKADA, Vice President, Tokyo Institute of Technology
- Prof. Dr. Katsuhiko SHIRAI, Executive Advisor for Academic Affairs (Former President), Waseda University
- Prof. Dr. Ahmed KHAIRY, President, Egypt-Japan University of Science and Technology (E-JUST)
- Prof. Dr. Mabel IMBUGA, Vice Chancellor, Jomo Kenyatta University of Agriculture and Technology (JKUAT)

■ Mr. Kiyoshi KODERA, Vice President, JICA

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