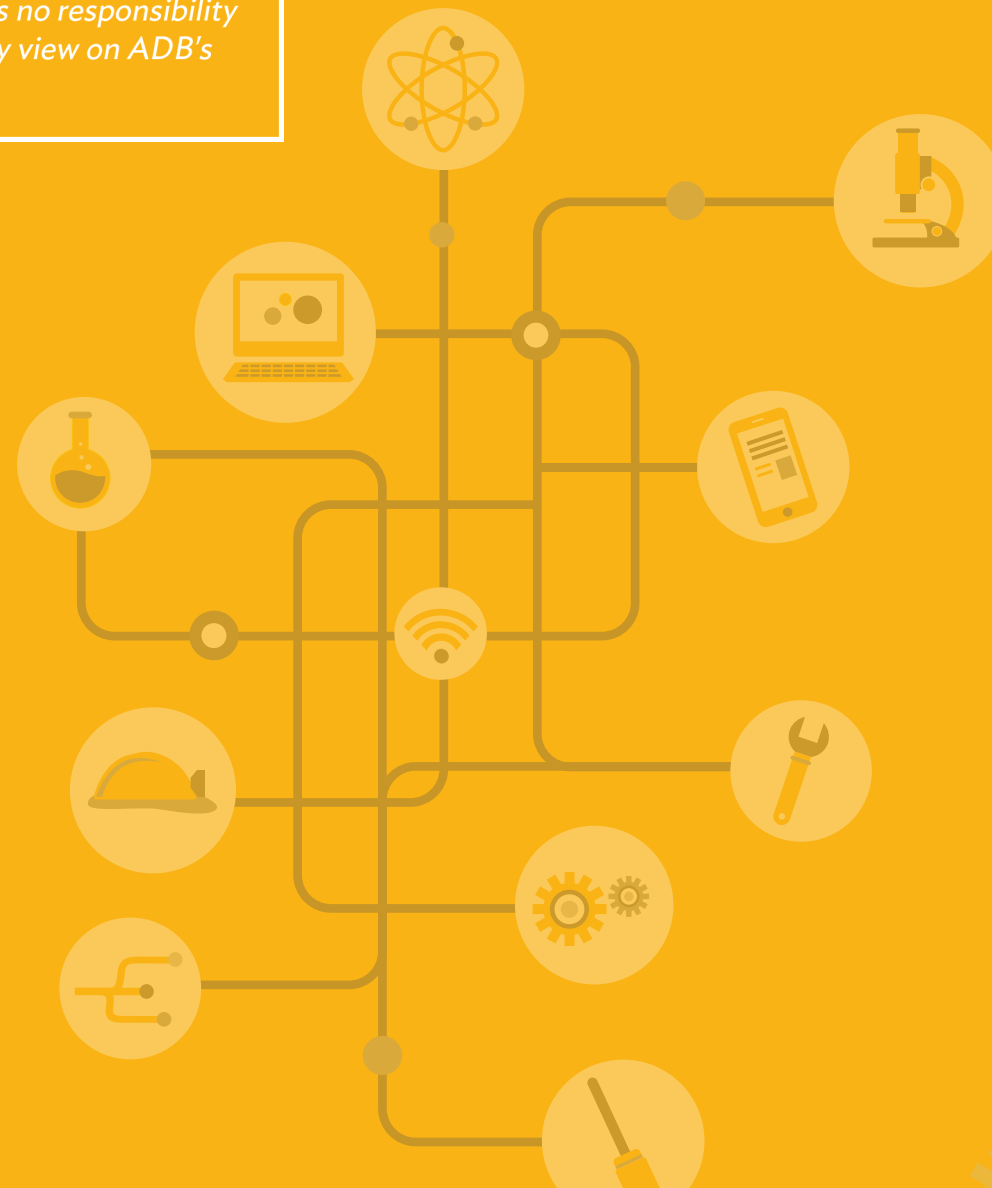


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Higher Education Projects in Indonesia



Higher Education, R&D, Innovation and Technology in Indonesia

- Higher Education
 - is complex and comprised of over 4,670 higher education institutions (HEIs) with a wide variation of quality
 - total number of general higher education institutions grew between 2013 and 2017 by 6% while enrollments grew by 19% (Higher Education Statistics, 2017)
 - employers claim difficulties to find adequately skilled workers from the pool of HE graduates. Only half of employers having the opinion that tertiary graduates possessed the skills required by their organizations
- R&D, Innovation and Technology
 - GII 2020, Indonesia is ranked 85th out of 131 economies
 - 12th pillar of GCI (2019) on innovation capability, Indonesia ranked 74th out of 141 economies
 - A study by ADB and the MOF indicates that new technologies adoption could result in an annual gross domestic product (GDP) growth of 0.55 percentage point over the next two decades
- In the RPJMN 2020-2024, the Government prioritizes the development of STPs in five top universities





Advance Knowledge and Skills for Sustainable Growth in Indonesia (AKSI) Project - 3749-INO

- financed from ADB loan of \$200 million and GOI counterpart of \$66 million
- loan effective 8 April 2019, completion December 2023
- supports upgrading three public universities in Sumatra (University of Riau, University of Jambi, University of Malikussaleh) and Universitas Pendidikan Indonesia in Bandung
- key features include equitable growth, each university with COE in specific discipline, medium term investment plan for higher education, collaboration through international networks and industries
- HLTF TA supporting digital credentialing system and further development of Indonesia Cyber Education (ICE) Institute



Higher Education for Technology and Innovation (HETI) Project 52332-001

- Total investment is \$94.0 million (\$79.5/\$14.5m)
- Main Project Interventions
 - Improving quality of teaching-learning and research facilities in the Sepuluh Nopember Institute Technology (ITS) in Surabaya
 - I. four new innovation centers (automotive, creative industry, maritime, IT/robotics)
 - II. an academic building with classrooms and laboratories
 - III. a cultural and language center to support ITS internationalization
 - Improving quality of medical education and research capacity of the University of Lampung
 - I. Five Laboratories established to support research in tropical med, biomolecular, genetic & degenerative diseases, pathology & toxicology, nutrition, and clinical trials and diagnostic trial
 - II. Teaching hospital
 - strengthen teaching faculties' quality and expand partnerships with industry and the private sector

PRIME-STeP (Pipeline)

- ADB Financing: US\$163m
- Support four universities in improving their STPs (Universitas Indonesia (UI), Institut Teknologi Bandung (ITB), Institut Pertanian Bogor (IPB), and Universitas Gadjah Mada (UGM))
- Advanced engineering, advance healthcare devices, renewal energy, tropical agri, food tech, bio science, marine, pharmaceutical, smart technology, and digital connectivity
- R&D, Innovation and Technology adoption and adaptation

