

# **REPORT OF SDGs 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE**

**Transforming Infrastructure and Industry through  
Innovation for a Sustainable Future**



**UNIVERSITAS SYIAH KUALA  
SUSTAINABILITY REPORT  
2023**



## Transforming Infrastructure and Industry through Innovation for a Sustainable Future

"Fostering sustainable industrial growth, innovation, and resilient infrastructure is essential for driving economic development and improving global competitiveness. We are exploring how Universitas Syiah Kuala (USK) promotes innovation and infrastructure development to support economic growth, enhance industrial capabilities, and foster technological advancements."

### 1. Number of university spin-offs

As of 2023, USK has launched 24 active spin-offs, all established by 2019 and spanning fields like STEM, medicine, and social sciences. USK categorizes these ventures into academic and non-academic spin-offs, which serve diverse educational and societal needs. Key academic spin-offs include:

- *UPT Bahasa* (Language Center): Provides language education and training.
- *UPT Laboratorium Terpadu* (Integrated Laboratory): Offers multidisciplinary research services.
- *Rumah Sakit Pendidikan* (Teaching Hospital): Supports medical training and healthcare services.
- *Atsiri Research Center* (ARC): Specializes in essential oils research.
- *USK-Press* (Printing and Publishing Unit): Manages academic publications.
- *Career Development Center* (CDC): Supports student career initiatives.
- *Rumah Sakit Gigi dan Mulut* (Dental Hospital): Focuses on dental health education and care.
- *SMA Lab School USK*: A high school for innovative educational models.
- *Laboratorium Penyakit Infeksi* (Infectious Disease Lab): Conducts research on infectious diseases.

### 2. Research income from industry and commerce

The latest report on USK's research income from industry and commerce reveals notable differences in funding across various disciplines. The highest research income was generated by the STEM fields (Science, Technology, Engineering, and Mathematics), totaling IDR 19,066,277,729, reflecting the strong industrial demand for innovation in areas such as engineering, technology, and environmental science. The Medicine sector also attracted significant funding, amounting to IDR 1,918,293,000, underscoring the importance of medical research in advancing healthcare solutions and treatments.

Meanwhile, the Arts & Humanities and Social Sciences sectors brought in IDR 1,842,115,000, showing their ongoing relevance in addressing societal issues and cultural studies, while fostering industry partnerships. These figures highlight USK's broad engagement with industry and commerce, with STEM leading in research income, followed by Medicine and the Arts & Humanities/Social Sciences.



<b>892</b>
Number of Academic Staff STEM
<b>442</b>
Number of Academic Staff Medicine
<b>656</b>
Number of Academic Staff Arts & Humanities/Social Sciences

