



Project Rationale

Persistent constraints in secondary education include: (i) low access and completion, (ii) poor alignment with 21st century skills and employability skills, (iii) inadequate effective learning assessment system, and (iv) lack of clear alignment and flexibility between secondary and post-secondary education pathways.

To address these challenges, the project will employ a STEM-innovative approach, systematic institutional and capacity building, teacher qualification upgrading, and the provision of climate-resilient and digital school infrastructure and facilities. This project is aligned with the CAMSEB 2030 and the Education Strategic Plan 2023-2028, which prioritizes equitable access to quality education and seeks to overcome the aforementioned constraints.

Furthermore, it strongly supports the national digital education strategy for schools by building a conducive digital environment, enhancing digital literacy for both students and teachers, and promoting online learning opportunities. As such, the project is closely aligned with the government's pentagonal strategy to enhance the quality of education, science, technology, and technical skills.

Project Outputs

Output 1: Access to quality upper secondary education expanded

Output 2: Upper secondary education alignment with 21st-century skills improved

Output 3: Quality of upper secondary education learning assessment system improved

Output 4: Post-secondary education pathways strengthened



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Secondary Education For Human Capital Competitiveness Project (SE4HC)

Outcome: Effectiveness of a gender-inclusive upper secondary education system improved.

Impact: High-Quality Human Resources for Knowledge-based Society developed.

Overview

The Secondary Education for Human Capital Competitiveness Project (SE4HC) will support priorities of phase 2 of Cambodia's Secondary Education Blue-print (CAMSEB) 2030. The project's impact is aligned with the government's Pentagonal Strategy and CAMSEB which highlight the importance of high-quality human resources to develop a knowledge-based society. The outcome will be effectiveness of a gender-inclusive upper secondary education system improved.

The project is estimated to cost \$83.92 million, to be financed with concessional loan of \$80.00 million from ADB and the government counterpart financing of \$3.92 million.



Infrastructure

- Construct and furnish additional 414 classrooms and water sanitation and hygiene (WASH facilities (including 300 toilets) in 23 crowded schools.
- Upgrade existing classroom to 140 science labs, 111 computer labs, 72 multipurpose rooms, 110 smart classrooms, 38 libraries, and 98 CPD teacher's rooms.
- Install intranet at 123 schools.
- Install solar panels in 90 schools.



- Establish and equip an integrated Education Data Center.
- Support to operationalization of the Cambodia Science and Technology Center (CSTC).



Inclusive Education

- Develop Khmer Braille translation software;
- Develop a user-friendly Khmer text to speech application;
- Provide scholarships to four NISE teacher educators to take doctorate programs;
- Provide 20 master degree scholarships for teacher educators from NISE and SESS teachers;
- Provide 4 master degree scholarships to 4 NISE teacher educators and SESS teachers in ICT pedagogy;



Project Timeline



Capacity Development and System Improvement

- Provide CPD to 3000 Science and Math subject teachers on soft skills and project-based STEM education.
- Upgrade 250 Science and Math subject teachers' qualification to Master Degree.
- Provide CPD to 1000 upper secondary School teachers on Digital Skills and EdTech integration to their subject.
- Improve English language proficiency by providing CPD to 638 teachers.
- Strengthen school-level assessment that reflect 21st century skills and incorporates PISA-style. The CPD will be delivered to 770 USS teachers and 50 inspectors.
- 200 USE students (50% women) from 25 USS per year pursue fast-track courses in digital economy at the National University of Management (NUM-DE).
- Equipping of a digital economy lab at NUM-DE campus to support teaching and learning of lecturers and students

