



BUILDING UNIVERSITY-INDUSTRY LEARNING AND DEVELOPMENT THROUGH INNOVATION AND TECHNOLOGY (BUILD IT)

2015 - 2020 | IMPLEMENTER: ARIZONA STATE UNIVERSITY | PLANNED BUDGET: \$5,700,000

To produce graduates who can lead inclusive, technology-based growth, the BUILD IT project leverages diverse government, industry, and academic partners to link science, technology, engineering, and math (STEM) instruction in Vietnamese higher education institutions to the needs and capabilities of industry partners.

STRENGTHENS HIGHER EDUCATION POLICY

The project works with universities and policymakers to develop and formalize new practices and higher education governance systems accepted institutionally and by the Ministry of Education and Training (MOET). Executive Leadership training in collaboration with Portland State University embeds world-class institutional policy practices with rectors and senior leadership in Vietnamese universities.

ENABLES UNIVERSITY-PRIVATE SECTOR COLLABORATION

BUILD-IT develops curricular partnerships, mentorships, and industry-sponsored practical opportunities to build students' professional and technical competencies in preparation for STEM careers. The project facilitates student-industry engagement events and campus-based programs providing female mentors in STEM careers, and hosts Women in STEM Leadership Forums supporting academic initiatives and scholarships for females in STEM degrees.

IMPROVES ACADEMIC PROGRAMS AND OUTCOMES

The Certified Facilitator program leverages in-country trainers and distance technologies to create sustainable long-term faculty development and wide-scale implementation of innovation and modern methodologies. Through private-public partnerships, education institutions establish project-based curriculum comprised of hands-on learning opportunities, strengthening industry-university linkages across multiple curriculum platforms via industry-sponsored projects, co-ops, capstone design projects, and apprenticeships. The project partners with MOET to develop university assessment training for national impact. Partner universities participate in institutional, academic programs, course quality training, designed in collaboration with Catholic University of America, and establish robust assessment and evaluation systems to support continuous program improvement and international recognition and accreditation.

In the photo: Vietnamese higher education faculty experience hands-on, applied project-based learning in the ASU Startup Lab. (ASU)