



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

2015 - 2020 | IMPLEMENTER: ARIZONA STATE UNIVERSITY

By modernizing technology and engineering higher education in Vietnamese universities, the BUILD-IT Alliance is helping Vietnamese model universities produce graduates with the skills that Vietnam's increasingly sophisticated economy demands. BUILD-IT leverages diverse government, industry, and academic partners to directly link higher education to the needs of the private sector. The Alliance builds strategic leadership skills to help the university's own leaders advance university autonomy, improve program and instructional quality, and form lasting partnerships with the private sector. BUILD-IT supports women's participation in technology and engineering programs through leadership forums, academic initiatives, and scholarships.

## LEADERSHIP AND STRATEGY TOWARDS UNIVERSITY AUTONOMY

Apart from supporting Vietnam's push for autonomous higher education institutions, the BUILD-IT Alliance also coaches executives on leading the accreditation process, with an emphasis on institutional and operational reform.

## ACADEMIC PROGRAM QUALITY THROUGH INTERNATIONAL ACCREDITATION

BUILD-IT implements robust systems in partner universities for reform, strategic planning, evaluation, and learning. BUILD-IT's 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.

## APPLIED PROJECT BASED CURRICULUM IMPLEMENTATION

Vietnamese universities used to graduate students steeped in technology and engineering theory, but with few real-world skills. BUILD-IT partner universities are implementing a project-based curriculum which focuses on team-based problem solving and exploration of technologies. BUILD-IT develops curricular partnerships, mentorships, and industry-sponsored practical opportunities to build students' professional and technical competencies in preparation for technology and engineering careers.

## RESULTS

Fourteen technology and engineering programs and two partner universities have already achieved international accreditation through BUILD-IT. By 2020, the BUILD-IT Alliance expects to have led four more universities through the institutional accreditation process and 46 more technology and engineering programs through the program accreditation process. The reforms and investments that the accreditation process brings will positively impact 3,000 faculty staff with improved qualifications and 20,000 technology and engineering students through project-based learning.

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