

# OUR WORK IN EDUCATION AND YOUTH



Chemonics' global network of more than 4,000 specialists is committed to improving the quality of education for all and thus improving lives. We are driven by our insistence that tomorrow's world must be better than today's, which is why our work with youth is central to our mission. With more than half of the world's population under 30 years of age, it is critical that we empower young people to serve as tomorrow's leaders. We see youth as both beneficiaries and stakeholders, and we create economic opportunities for young people to drive meaningful change around the world. So our work takes us to Pakistan, where we are strengthening mother-tongue education in the Sindh province. We are working in Uganda where we are promoting inclusive, cost-effective agriculture opportunities for young people, especially girls, driven by market demand. And we are in Rwanda, improving early grade learning outcomes for primary students. Because we believe that all young people — without exception — have the right to lead productive, engaged, and healthy lives.

Chemonics works at the local, institutional, and individual level to ensure sustainable change and a focus on learning outcomes and high-quality, inclusive education for all.

## ABOUT CHEMONICS

**Founded in 1975, Chemonics is one of the world's leading international development consulting firms. In 70 countries around the globe today, our network of approximately 4,000 specialists pursue a higher standard in development every day to help clients, partners, and beneficiaries achieve results.**

## OUR SERVICES

### IMPROVED QUALITY OF EDUCATION AND INSTRUCTIONAL SYSTEMS.

By working with teachers and administrators in schools at the local level, Chemonics aims to improve learning outcomes for children and equip students with the skills necessary to become lifelong learners. We strive to advance teacher professional development by working with local institutions to strengthen in-service and pre-service teacher training. We are also collaborating with ministries to revise and align national curricula with research-based methods, and supporting the development of classroom learning materials, from book production to instructional guides.





**EDUCATION SYSTEMS STRENGTHENING.** Chemonics supports local stakeholders to strengthen education systems, including improving the quality of education and ensuring sustainability for long-lasting impact. Working with ministries of education, we support governments to develop policies and implement multilevel education sector plans. We work with education officials to collect and analyze data to use for decision-making, focus on improving management information systems, build public private partnerships, and build capacity to ensure sustainability of system strengthening initiatives.

**MONITORING AND EVALUATION.** Across the globe, Chemonics works with local education officials to administer and analyze formative and summative assessments to provide data on student performance. We support teachers and officials to leverage assessments to analyze students' progress and learning needs, thus enabling teachers to set goals based on assessment results and design individualized instruction plans. We support local education officials to analyze and understand student performance data; develop data management systems; and build local capacity for performing assessments that help track student progress and learning outcomes.



**3.5**  
**MILLION**  
children to be  
reached for  
improved reading

**POSITIVE YOUTH DEVELOPMENT.** Chemonics is partnering with governments, civil society, vocational training centers, and the private sector to help youth enhance their interests, skills, and abilities and make a difference in their communities. We are providing cutting-edge education to youth in the science, technology, engineering, and mathematics (STEM) sector, including hands-on learning opportunities in robotics and the industry-led Pathways to Professionalism training program, which bridges the gap between supply and demand of qualified youth professionals.

### **YOUTH ENTREPRENEURSHIP.**

We are working, with youth in the lead, to identify and drive forward sustainable, inclusive, and cost-effective approaches in which youth, especially female youth, can serve in the agriculture sector as leaders, farmers, entrepreneurs, and employees.



Chemonics is increasing economic opportunities for youth by working with both the supply and demand side of agriculture to ensure youth have the necessary entrepreneurship, leadership, and workforce readiness skills to capitalize on opportunities and build relationships with institutions and value chain actors.

**COMMUNITY ENGAGEMENT.** Chemonics works at the grassroots level to improve civil society and ensure transparency by involving communities, in particular empowering communities with the skills and ability to support schools and improve education quality.

**EDUCATION IN EMERGENCIES.** In a world where one of every four school-age children lives in a country affected by crisis and conflict, Chemonics strives to implement quality education initiatives in challenging environments to ensure education is accessible to all children. Our projects use frequent and timely assessments to inform work and measure student learning. For example, we use the early grade reading assessment; conduct educational needs assessments in crisis-affected communities to inform project design; and collect and analyze data to support decision-making processes to improve instruction.

**COLLABORATING, LEARNING, ADAPTING.** Chemonics' adaptive management approach ensures our education projects are oriented toward collaborating, learning, and adapting (CLA). Our projects rigorously collect data to swiftly adapt to the changing needs of local context. Our adaptive management ensures our projects are flexible, continuously learn, and can make mid-course adjustments, when necessary. We focus on learning from evaluations, performance monitoring data, and other key information sources.