

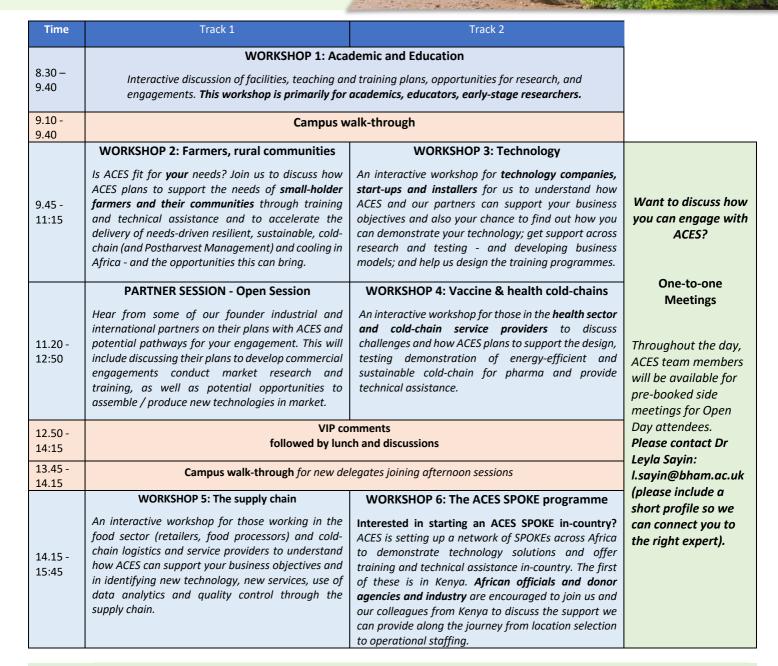
Headquarters OPEN HOUSE

Pathways to Accelerate Sustainable Cooling and Cold-Chain

Date: 19 May 2022

Location: University of Rwanda, Rubirizi Campus

290 KK 18 Ave, Kigali



To attend Open Day or visit site Workshop places will be limited to ensure interactive discussion. Please contact Issa Nkurunziza to reserve a place for Open Day, confirming which morning and afternoon workshops you wish to attend (lunch will be provided for all-day delegates) - or if you wish to only attend one specific workshop: issa.nkurunziza@un.org

A transfer shuttle from the Kigali Convention Centre to the Rubirizo Campus will be available on the day at 8.50 and 13.25 for those who book into morning or afternoon workshops. There will also be regular shuttles during the day for those SEforAll delegates from who wish to attend Campus for a walk-through and overview of the plans. A timetable will be announced during the Forum.















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The mission of ACES is to accelerate the uptake of sustainable cooling and cold-chain solutions in the agriculture and health sectors in Africa, improving livelihoods, health, food and nutritional security of rural communities, thereby bringing environmental, social and economic development.

Globally, 536 million tonnes (12% of total food production) are lost due to lack of cold-chain; around \$380 billion of lost value and enough to feed ~1 billion people. In Rwanda as an example, food loss equates to 21% of its total land use, 16% of GHG emissions, and 12% loss to its annual Gross Domestic Product. Similarly, 25% of vaccines are wasted globally due to failures within cold-chains; more than 1.5 million people globally die from vaccine-preventable diseases each year. At the same time, conventional cooling technologies account for 7% of all global greenhouse gas (GHG) emissions, further warming the planet and contributing to their own demand. Global cooling emissions could double by 2030, and triple by 2100. The challenge we face is how to provide access to cold-chains for all in an efficient, affordable, equitable and sustainable manner that builds resilience and achieves the Sustainable Development Goals (SDGs).

Working with governments, industry, academia, communities and wider stakeholders, ACES will (i) develop optimised sustainable cold-chain strategies; (ii) demonstrate technologies and solutions, and (iii) provide the skills, capacity building and business models to accelerate the deployment of fit-for-market solutions to meet the needs of underserved communities. It will showcase new concepts, provide incubation and holistic support for new businesses including development of finance and business models, policies, skills and capacity and offer technical assistance to communities.

We are also working with industry and other partners to develop and deliver funded SPOKEs across the continent to showcase how solutions can be deployed in practical applications and act as outreach learning, training and knowledge transfer centres to support local community uptake. The SPOKEs will exchange best practices and lessons learned through the ACES headquarters hub as part of an inter-connected whole.

With in-country and multi-national funding and industry founder partners in place, we are now moving from design to delivery, building a start-of-the-art Technology Demonstration Hall, a prototype off-grid Community Cooling Hub, an Innovation Centre (to include partner offices and meeting rooms) as well as training and teaching facilities - and developing further SPOKEs.

To co-incide with the SEforAll Forum we have arranged an ACES Open House. Join us for a series of **tailored workshops** at an ACES Headquarters Open House to visit the campus, see the site plans and discuss how you can help shape and engage with ACES.

See overleaf for programme and how to join / contact details











