









AFFILIATED SESSION

**Tuesday 27 July** 13:30-14:20 CEST

Powering Sustainable Cold Chain Solutions: Community Cooling Hubs Ensuring Nutritious and Healthy Food for All











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## Food saved is as important as food produced

Access to Food	Ensure Safe & Nutritious Food for All	Help preserve food & its safety Maintain food's nutritional value Reduce food loss
	Shift to Sustainable Consumption Patterns	Efficient use of farming inputs Reduce food loss
Climate Energy	Boost Nature Positive Production	Additional income fosters more sustainable practices Supports local circular economy efforts
	Advance Equitable Livelihoods	Increase farmers' incomes Mainstream gender equality and youth employment Reduce food access and income inequality
	Build Resilience to Vulnerabilities, Shocks & Stresses	Stabilise food supply Increase supply chain resilience Contain changes in food prices



### **The Exam Question**

How do you create the local and global "field to fork" connectivity to nutritiously feed 10bn people from hundreds of millions of small-scale farmers whose livelihoods and well-being are often dependent on only 1-2 hectares, as well as ensure they are climate change adaptation ready and resilient .... <u>sustainably</u>



# Cold-chain not cold storage





## Covid-19 – a new, urgent cold-chain challenge

How do we rapidly immunise 70%+ of the population?



**Can we deliver lasting legacy?** 



## Whole System Assessment of Cooling and Cold-Chains







C Toby Peters / Leyla Sayin





## **Powering Cooling Sustainably**

Using a systems approach to sustainable cooling and cold-chains

Key interventions: (1) Reduce, (2) Aggregate, (3) Shift & Improve



C Toby Peters / Leyla Sayin



## **Community Cooling Hub**





#### Africa Centre of Excellence in Sustainable Cooling and Cold-chain









#### **Key Components**

Holistic, needs-driven process to deliver the key interventions and levers for sustainable cooling





### Aces Hub and Living Labs







#### PATHWAYS TO SUSTAINABLE COLD-CHAINS

#### Meeting the world's shared climate and social goals

Toby PetersProfessor in Cold Economy, co-Director Centre for Sustainable Cooling, University of BirminghamVisiting Fellow, University of Cambridge, Dept of EngineeringVisiting Professor, Heriot-Watt University and Kyushu University





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Ms. Sophie Loran

**UNITED NATIONS ENVIRONMENT PROGRAMME:** 



Sophie.Loran@un.org Ms. Lily Riahi

Lily.Riahi@un.org









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