Q&A for "Roundtable | Carbon Sequestration, Sustainability in Agriculture and the Rise of Carbon Markets"

Question	Asked By	Votes	Answers
How will the transitioning of global agricultural practices to carbon positive techniques impact our ability to feed close to 10 billion mouths by 2050?	Luke A. Sloterdyk	7	• Great presentation, thanks, Gideon Nadiope • Shouldn't affect as, after 3-5 years, the carbon positive actions increases yields and, above all, increases predictability and resilience. More food with more security. That's a virtuous circle! The problem is the transition. And a lot of equipment that will turn useless..., Gabriel Carballal
Considering the students, what areas of agriculture may be most useful for them to study and work in over the next decade to help these issues?	Jessica Blosberg	5	
just want to know the threshold between number of cattle to keep vis a viz quantity of trees/ plants in that specific area that are enough to sequester carbon from the cattle	Walter Mangesho	4	
How is the private sector working together to combat these issues, above and beyond individual programs?	Ginya Truitt Nakata	2	

How do you propose moving forward with front of pack environmental labelling while being understanding and respectful to the economic needs of the farmers while defining what is sustainable for "all"?	Megz Reynolds	2	
Would like to hear from Gabriel - as a farmer, what are you doing today to build carbon in your soil? What tools - economic, technology and strategy support do you need to support more activity	Mary Boote	2	• I'm actually building C by adding as much OM by residue or Cover Crops as possible. We double crop as much as possible, increased high C crops like corn (used to be less than 30% and is close to 50 now) and care that residue the full way. Adding fungicides in every crop, focusing on fertilizing strong enough and never burning or bailing it. , Gabriel Carballal
We have been practicing no-till for 22 years on our farm in Portugal. With frequent droughts we find thar with no till, with an increasing organic matter soils profit largely from the rain	Gabriela Cruz	2	• How close it is that globally countries have harmonized tools to evaluate carbon in soil?, Gabriela Cruz
The future of beef cattle operations is in question. How do we properly assess this? How do we counter the negative effects of cattle carbon emissions?	Brady Deaton	1	• I have livestock at the fields. The C sequestration with pasture is a lot more than the methane emitted. Crops-pasture rotation is a Must. Specially in marginal soils like ours. , Gabriel Carballal

Prof rattan Lal congratulations for you award and the work you have been doing to protect soil. Which are for you the fairest actual tools to measure soil carbon and reward farmers? effective	Gabriela Cruz	1	
How do you see the demand side for agricultural carbon markets developing without involving the regulator?	Mateusz Ciasnocha	1	
How does livestock production and using manure as a resource play into systems management?	Jerry Flint	1	
Considering the world's increasing demand for beef and milk versus low efforts for mitigating carbon emissions from cattle, should there be an effort to reduce the number of cattle and people change their eating behavior?	Walter Mangesho	1	• Carbon sequestration by pastures in a well balanced crop-pasture rotation overcomes methane emissions by animals in a grass fed production. For me that's the solution. Natural production. , Gabriel Carballal • Much thanks Gabriel, that we should now emphasize on crop-pasture rotation. although in area with limited land might be a bit tricky, Walter Mangesho • I agree. However adding some grain to pasture helps a lot. So the relationship gets even closer. Balance is everything. And thank you for commenting!, Gabriel Carballal

How would market-based carbon sequestration changes on-farm affect land value and, in turn, land access for would-be farmers, especially minoritized would-be farmers?	Summer LaRose	1	
Thank you very much to all Speakers	Gabriela Cruz	1	
CONGRATULATIONS DR. LAL FOR YOUR VITAL WORK. COULD YOU TELL US HOW ARE YOU COLLABORATING WITH IICA AND LATIN AMERICA?	Jorge Werthein	0	
We must ask the question why do farmers burn residues? There are many reasons, but the driver factor is the labor required to cut and incorporate residues. What tech can affordable address this?	Dr. Jan Low	0	