

BCA workshop



Dr Terry Tudor and Dr Nicholas Head

London

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About SusConnect

BEAN TO BIN and Beyond

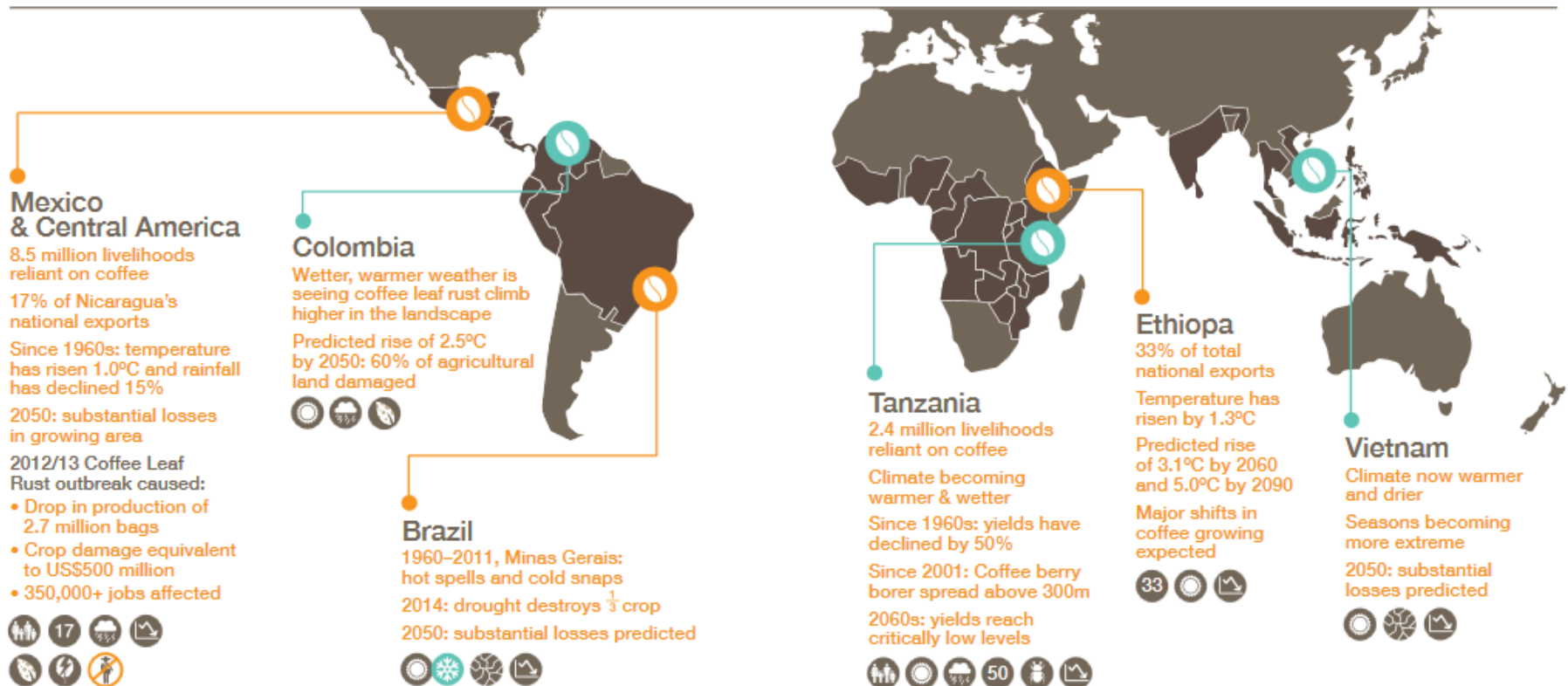
White Paper on Circular Economy
Progress, Barriers and Opportunities
in the UK Coffee Industry



Key challenges faced within the global coffee industry

- The impacts of climate change on productivity
- An increasingly older workforce, with difficulty in encouraging young persons into and to remain within the sector
- Access to sustainable finance, particularly for small-scale farmers
- Fluctuating market prices and 'real' income
- Ageing crops, with reduced yields and productivity
- Transient workforces due to various reasons (e.g. armed conflicts, changing weather patterns, and reduced soil fertility)
- Reducing waste and recovering value from the waste produced

Global impacts of climate change



Overcoming the challenges

Research to combat the impacts of climate change

International Multilocation Variety Trial

Facilitating the global exchange of the world's best coffee varieties



World Coffee Research Verified

Seed verification for healthy, genetically pure plants

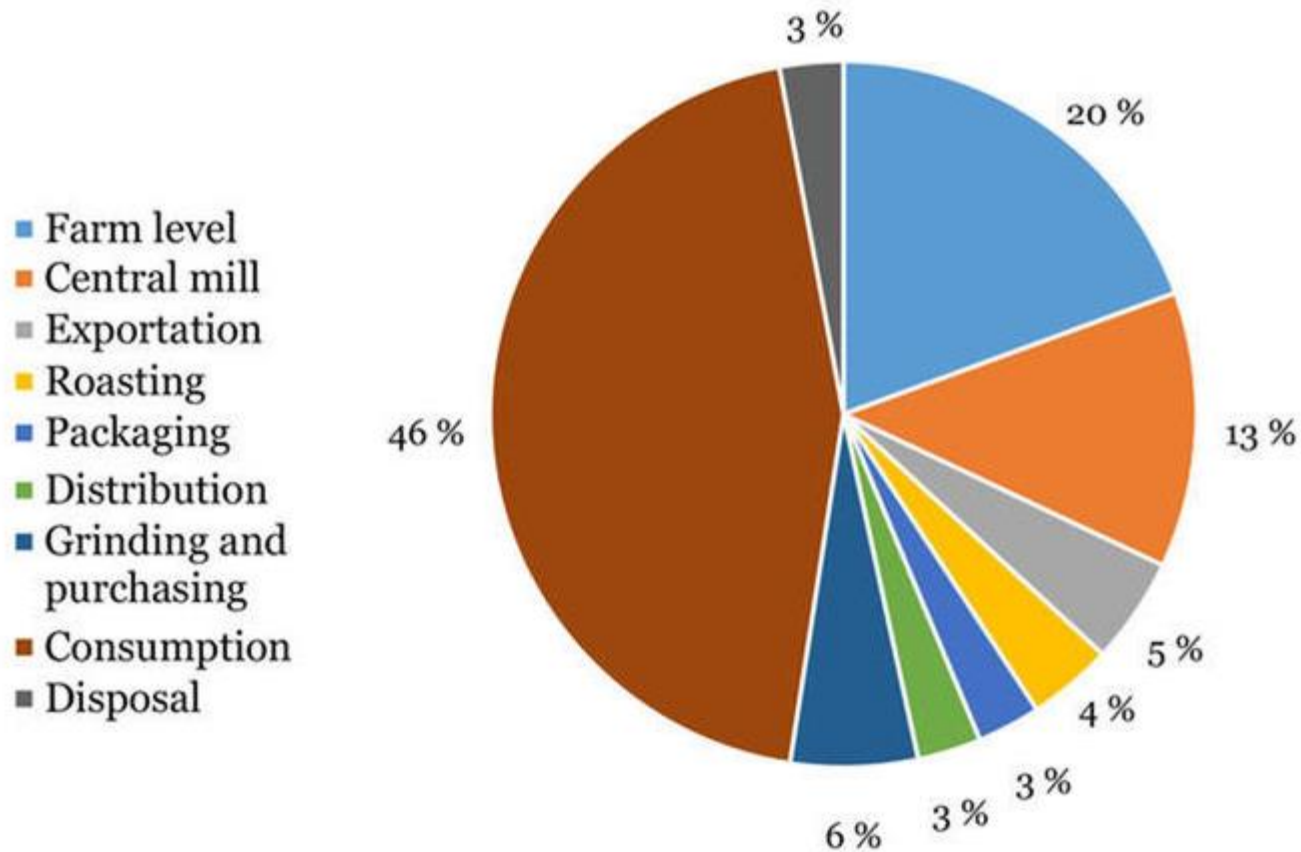


Breeding for the Future

Coffee plants for the 21st century



‘Sustainable’ packaging



Carbon footprint from Costa Rican coffee (Killian et al., Journal of Agricultural Science and Technology 2012)

The role of female farmers



“Study after study has confirmed that there is no development strategy more beneficial to society as a whole— women and men alike— than one which involves women as central players. No other policy is as likely to raise economic productivity, lower infant and maternal mortality or improve nutrition and promote health. When women are fully involved, the benefits can be seen immediately: families are healthier; they are better fed; their income, savings and reinvestment go up. And what is true of families is true of communities and, eventually, whole countries.”

- Kofi Annan (1938-2018)

More circular business models



Innovative Farmers @IFarmers · Feb 12

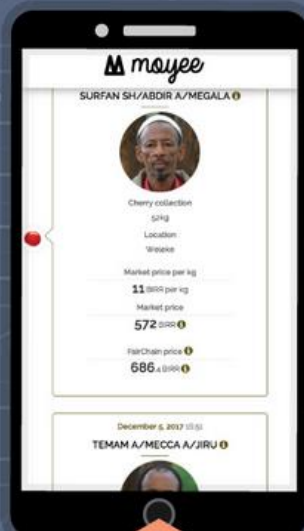
A great story of how [#farmerled](#) innovation can turn a once struggling business into a sustainable [COFFEE INITIATIVE](#)



Using technology



Introduction



MOYEE GOES BLOCKCHAIN

Moyee Coffee takes transparency to the next level. Since 2017, the FairChain farmers have been paid through BlockChain, unique in the coffee industry. Every piece of data in the coffee chain, from harvest to payment, is stored digitally in the BlockChain. Transparent for everyone. This data is locked by a cryptographic key. In other words, the data can not be tampered with, resulting in a fair and complete registration of the chain. The Impact is therefore fixed! Go FairChain!

[LEARN MORE ABOUT BLOCKCHAIN](#) >

susconnect[®] TM

Connecting communities along the agri-food value chain'

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