

→ THE ESA EARTH OBSERVATION Φ -WEEK

EO Open Science and FutureEO

12–16 November 2018 | ESA–ESRIN | Frascati (Rome), Italy

**DISTRIBUTED LEDGER TECHNOLOGY IN MONITORING AND
ANALYSIS OF FOOD SAFETY AND FOOD SUSTAINABILITY DATA**

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15/11/2016

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Food in our world today

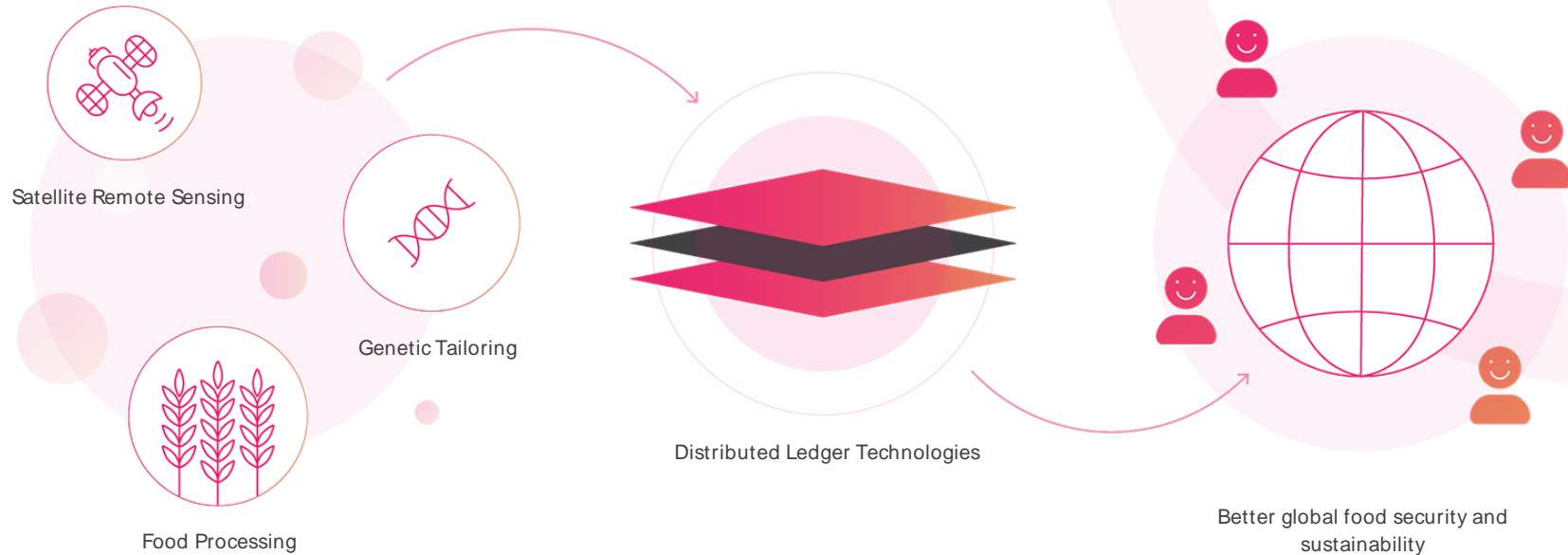
600 Million

40 %

420,000

125,000

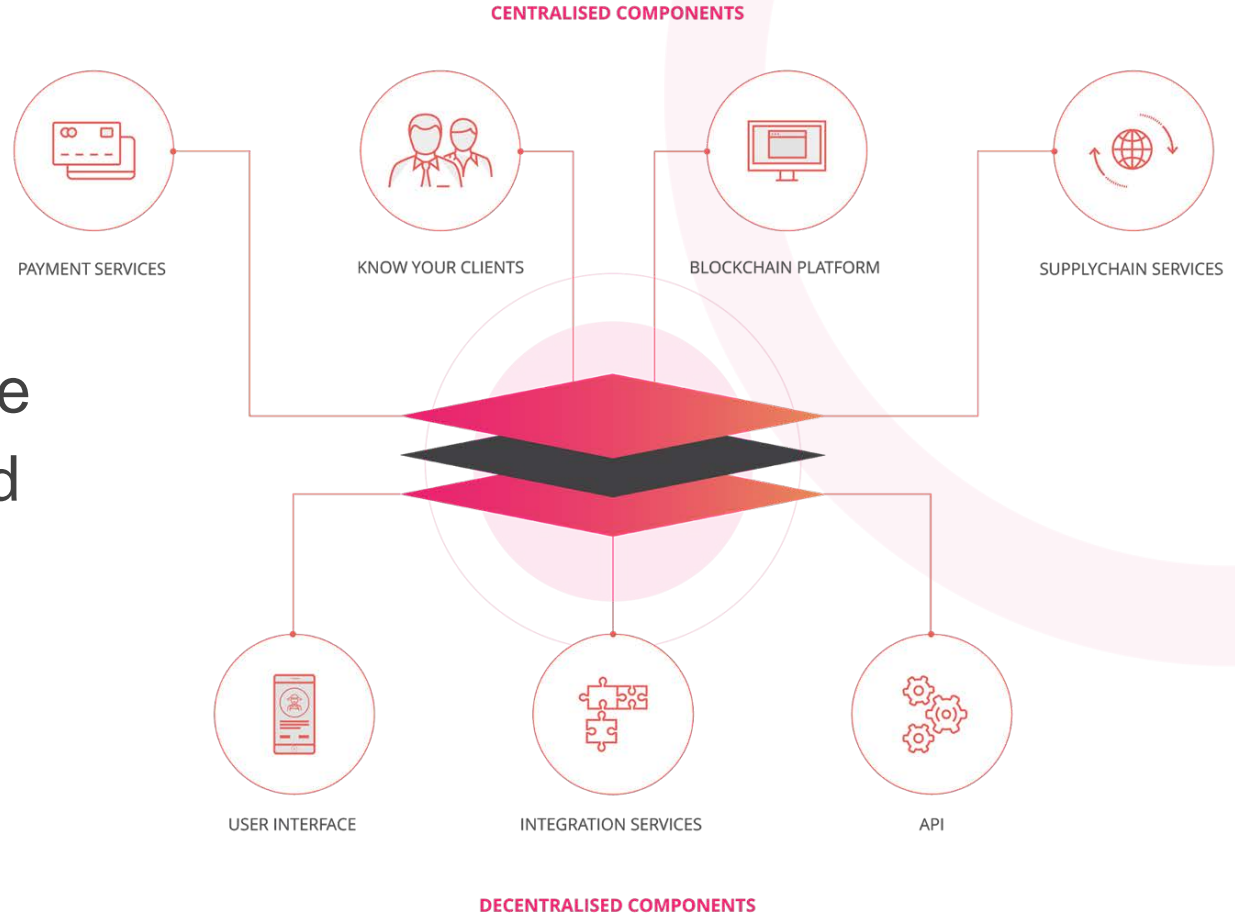
Emerging technologies in agriculture



Frustrations felt by Smallholder farmers



Can DLT improve smallholder food supply chains?



Three areas are vital
to the smallholder
food supply chain

Production



Delivery



Sale



Production

Production



Delivery



Sale



Production / Solution

Production



Delivery



Sale



Production



Delivery



Sale



Delivery

Production



Delivery



Sale



Delivery / Solution



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Production



Delivery



Sale



Sale



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Production



Delivery

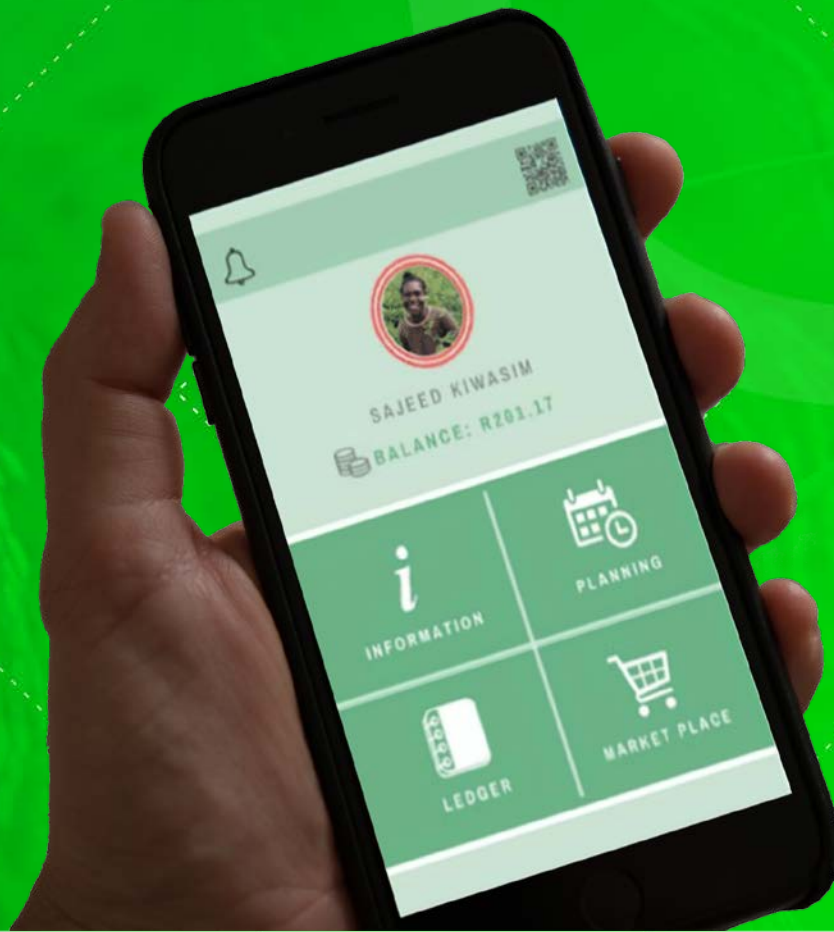


Sale



Sale / Solution

Contributing to a Global Food Community





D A M i F A N

Contributing to a Local Food Community

DAMiFAN in Heilongjiang, China

45,000 members on the DAMiFAN App

100 farmers in the Pilot

DAMiFAN in Heilongjiang, China

5,000

6,000

45 %

55 %

Thank you!

Contact the AgriLedger team
We're here to help with any questions.



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