

# Blockchain for the food supply chain

UK Food Standards Agency demonstrates potential to improve food safety and sustainability

## Food Supply: an industry at crossroads •

**\$4.87bn**

in US food recalls in 2019<sup>1</sup>

**10.9%**

of all food waste in supply chain due to human error<sup>2</sup>

**81%**

think companies should actively improve sustainability practices<sup>3</sup>

– By 2025, 20% of top global grocers could be using blockchain<sup>4</sup>

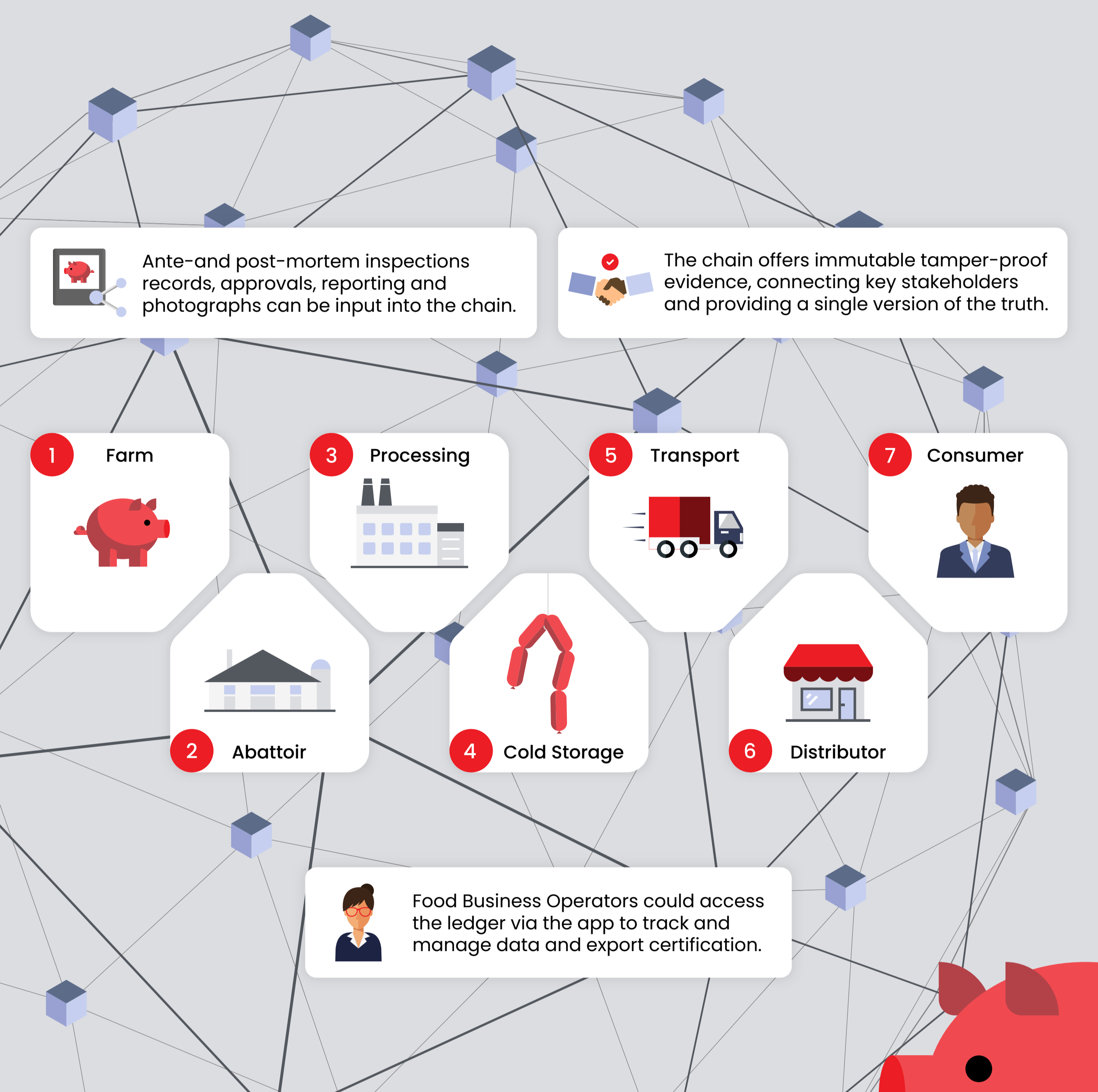
1. <https://www.statista.com/chart/16735/the-total-number-of-food-recalls-in-the-us/>  
2. <https://phys.org/news/2019-01-human-error-major-driver-food.html>  
3. <https://www.nielsen.com/us/en/insights/report/2018/total-consumer-report-december-2018/>  
4. <https://www.nielsen.com/us/en/insights/report/2018/total-consumer-report-december-2018/>

## Blockchain for end-to-end food traceability •



R3 ran a Proof of Concept (POC) with the Food Standards Agency, in collaboration with Accenture, to improve pork supply chain transparency using Corda, R3's next-gen blockchain platform.

## Blockchain potential from 'farm to fork'



## Benefits •

Highlights potential for regulators, government and industry to work collaboratively

Demonstrated that applications built on Corda could establish a neutral shared data model across supply chain participants

Improves monitoring of trends in food supply

Enables privacy of transactions between stakeholders

Improves process efficiencies by eliminating task duplication and manual paperwork

Learn how blockchain can play a key part in positively shaping end-to-end food traceability in our blog.

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Discover how enterprise blockchain is revolutionizing supply chain by visiting [r3.com/contact](https://r3.com/contact)

