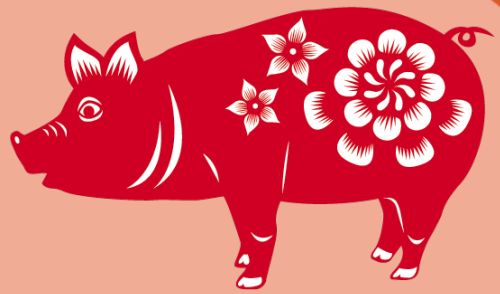
GEORA

The Year of the Digital Pig

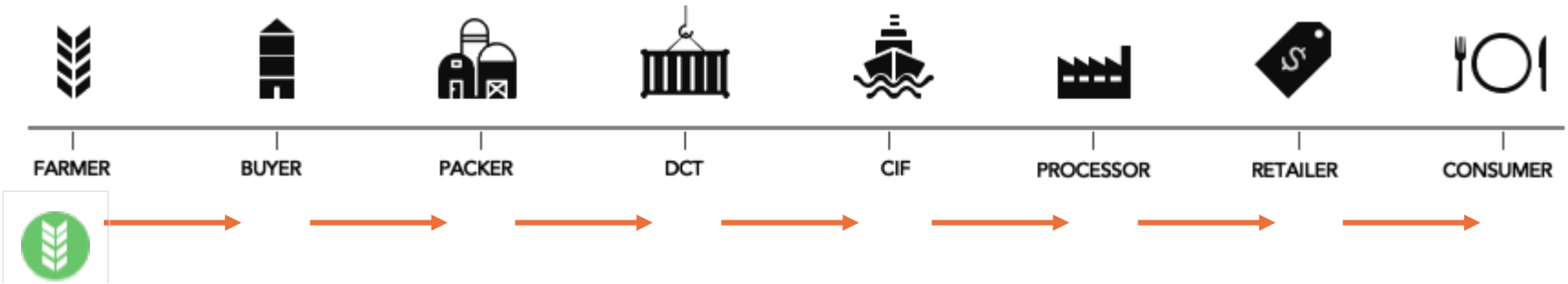
Using blockchain to secure livestock assets



PNG Investment Conference, 19 August 2019

Blockchain for Agriculture

- ➔ Naturally distributed networks
- ➔ Needing access to shared information about a common asset
- ➔ Who don't trust each other



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Georora is a commercial blockchain for global agriculture supply chains.

Key features:

- Create trusted records of physical commodities and assets
- Integrate with platforms, Internet of Things devices and machinery
- Innovate using open source digital tools designed for agriculture
- Use a simple mobile application to capture real world data

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- ➔ Protect against fraud
- ➔ Identify biosecurity issues
- ➔ Give farmers simple, digital tools for record keeping

Parties Involved:

SWITCH MAVEN

Food and Agriculture Organization of the United Nations

ITU

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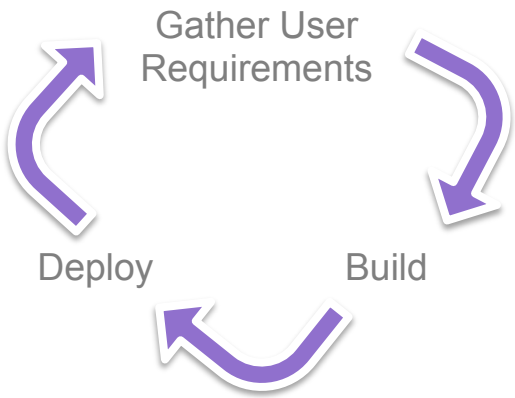
Agile innovation process:



	BIRTH	WEIGHING	FEEDING DIET	HEALTH RECORD
Events	Name Breed type Parents records Parents' breed type	Birth weight Weaning weight Slaughter/Sale weight	Feed type - Schedule	Vaccination type / Booster - Timeframe Disease type / Treatment - Period
Recording on Mobile App				
Geora	Create Pig asset Add claims to the asset Add evidence to the claim	Add claims to the asset Add evidence to the claim	Add claims to the asset Add evidence to the claim	Add claim to the asset Add evidence to the claim

Regular update

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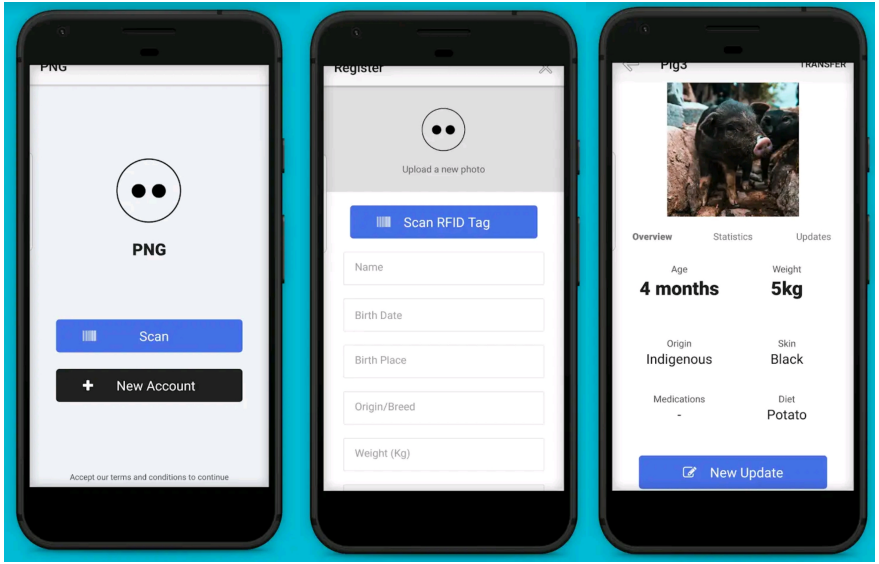

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Growth Opportunities

- ➔ Training Programs
- ➔ Digital marketplace
- ➔ Access to real time finance
- ➔ Expand into other commodities
- ➔ Regional expansion

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