

**Context** Landscapes in Pacific Island Countries are exposed to climatic shocks & stressors which impact ecosystems & livelihoods.

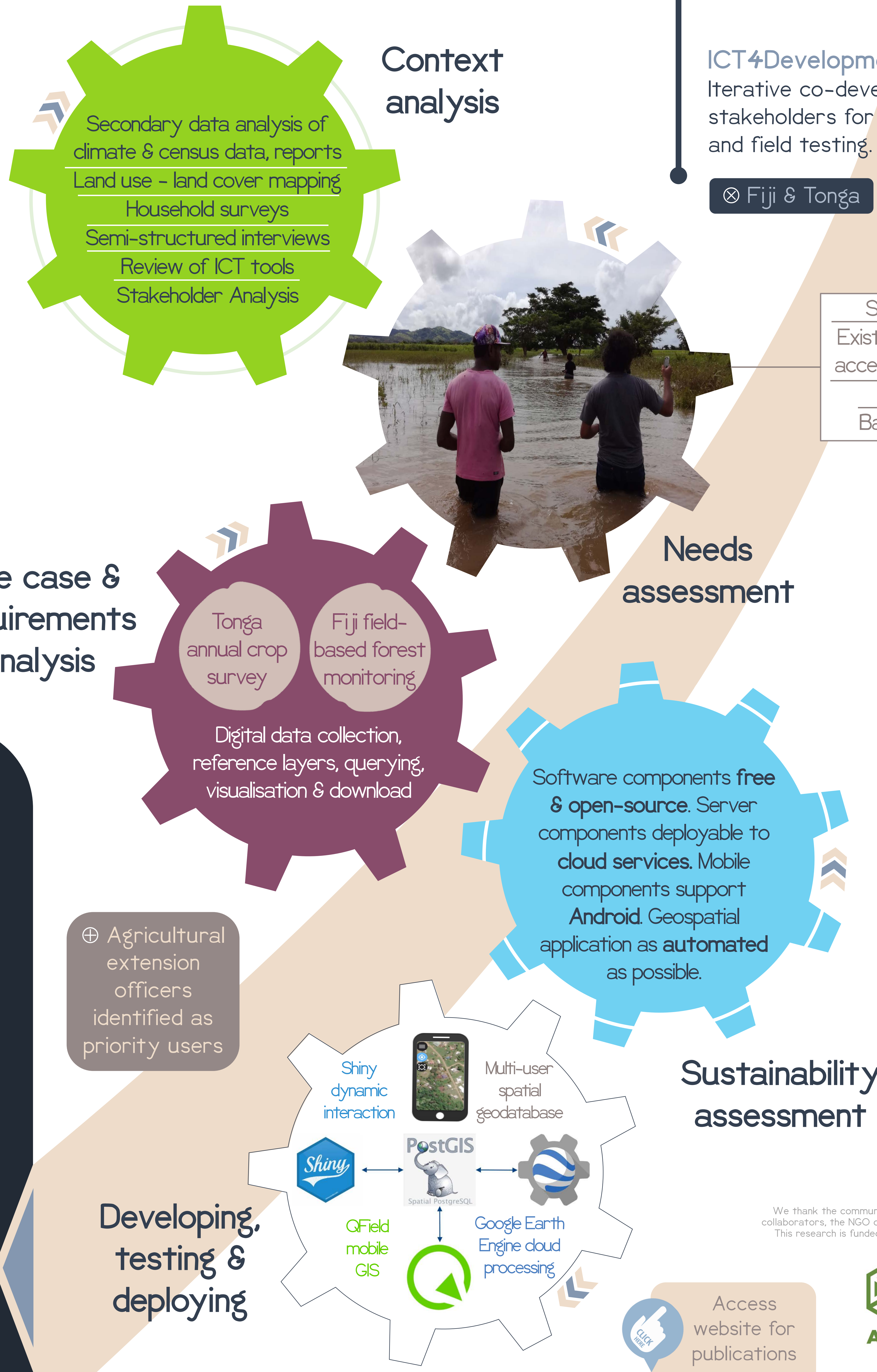
**Objective** Using open source geospatial information & technologies to produce collaborative geospatial solutions for landscape management.

**Output** A geospatial application for multiple landscape users which integrates multi-scale data & enables multi-method data creation & analysis.

**Outcome** Improved management of multifunctional landscapes under changing climates through active stakeholder participation.

# QConut

A mobile geospatial application for promoting sustainable and climate-smart Pacific Island agricultural landscapes



**ICT4Development framework**  
Iterative co-development with stakeholders for ongoing co-design and field testing.

⊗ Fiji & Tonga

**Stakeholder roles**  
Existing use, collection & access of geospatial info  
Unmet needs  
Barriers to uptake

- Eloise Biggs**
- Bryan Boruff
  - Michael Boyland
  - Eleanor Bruce
  - Kevin Davies
  - John Duncan
  - Clemens Grunbuhel
  - Viliani Manu
  - Jalesi Mateboto
  - Pyone Myat Thu
  - Andreas Neef
  - John Oakeshott
  - Natasha Pauli
  - Helena Shojaei
  - Renata Varea
  - Nathan Wales

Crop surveying with agricultural ministries in Fiji & Tonga.



**Impacts**

- Scientific** – novel utilisation of geospatial information & technologies for community development.
- Community** – enhanced adaptation capacity through application co-development & knowledge exchange.
- Environmental** – more sustainable & climate-smart management of landscapes through improved communications between agricultural stakeholders.

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Access website for publications

