

Pitcairn Island

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Garbologist

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PITCAIRN

Young Rock

Bounty Bay

Adamstown

Adam's Rock

Pte Christian

335 m

280 m

The Rope

Tautana

0 2 km

Océan Pacifique

HAWAII

PHILIPPINES

NELLE-GUINÉE

ÎLES SALOMON

SAMOA

ÎLES MARQUISES
TUAMOTU

AUSTRALIE

NELLE-CALEDONIE

FIDJI

TAHITI

ÎLES GAMBIER

PITCAIRN

Sydney

Auckland

TASMANIE

NELLE-ZELANDE

Bassin du Pacifique
Occidental

Mer de Tasman

Geography

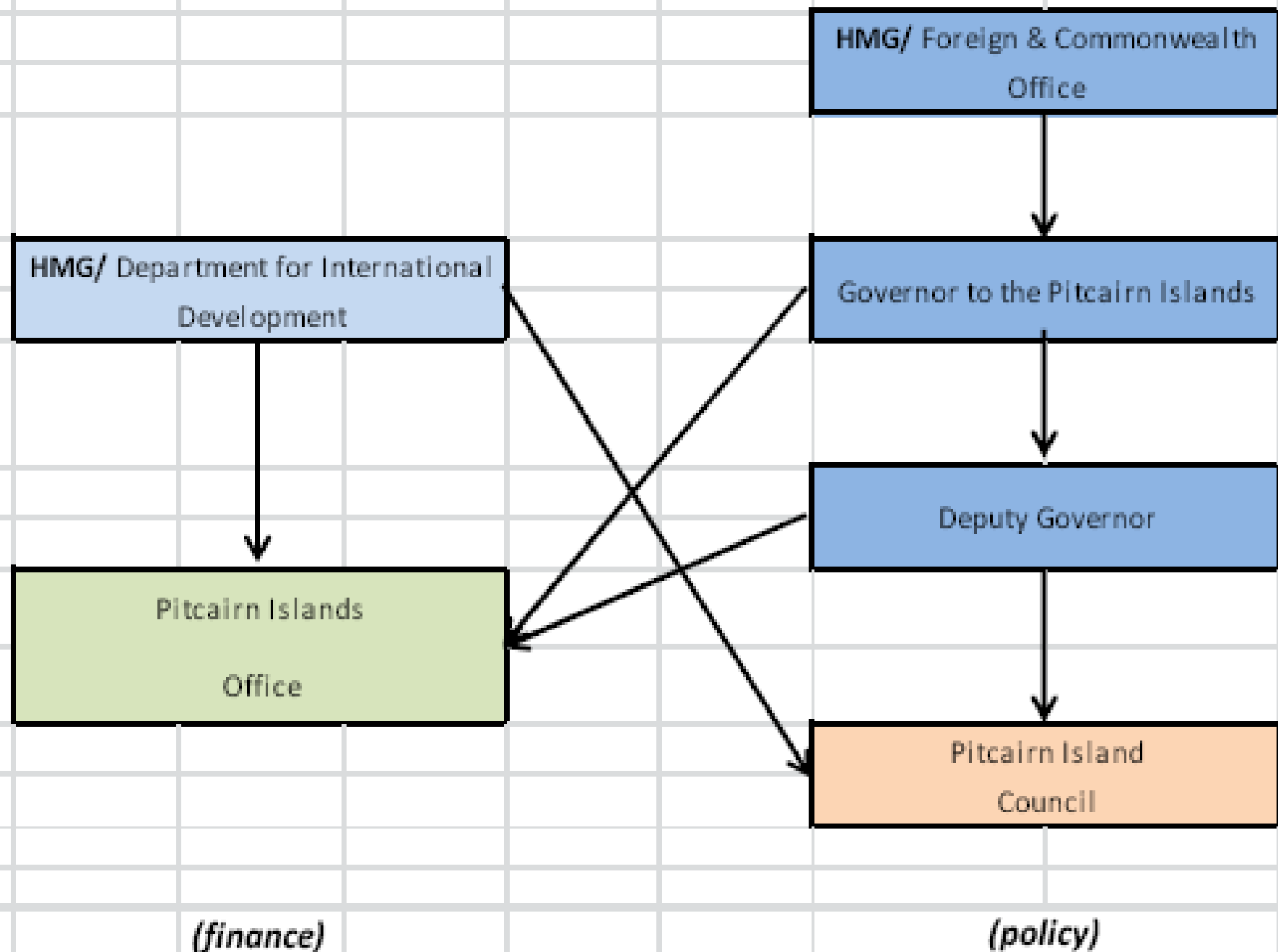
- Two Islands and Two Atolls:
- Pitcairn: inhabited, high island;
- Henderson: largest but uninhabited;
- Dulcie and Oeno: two atolls with small islets.
- Extension of the geology of the Tuamotu group atolls, and the Gambier Islands

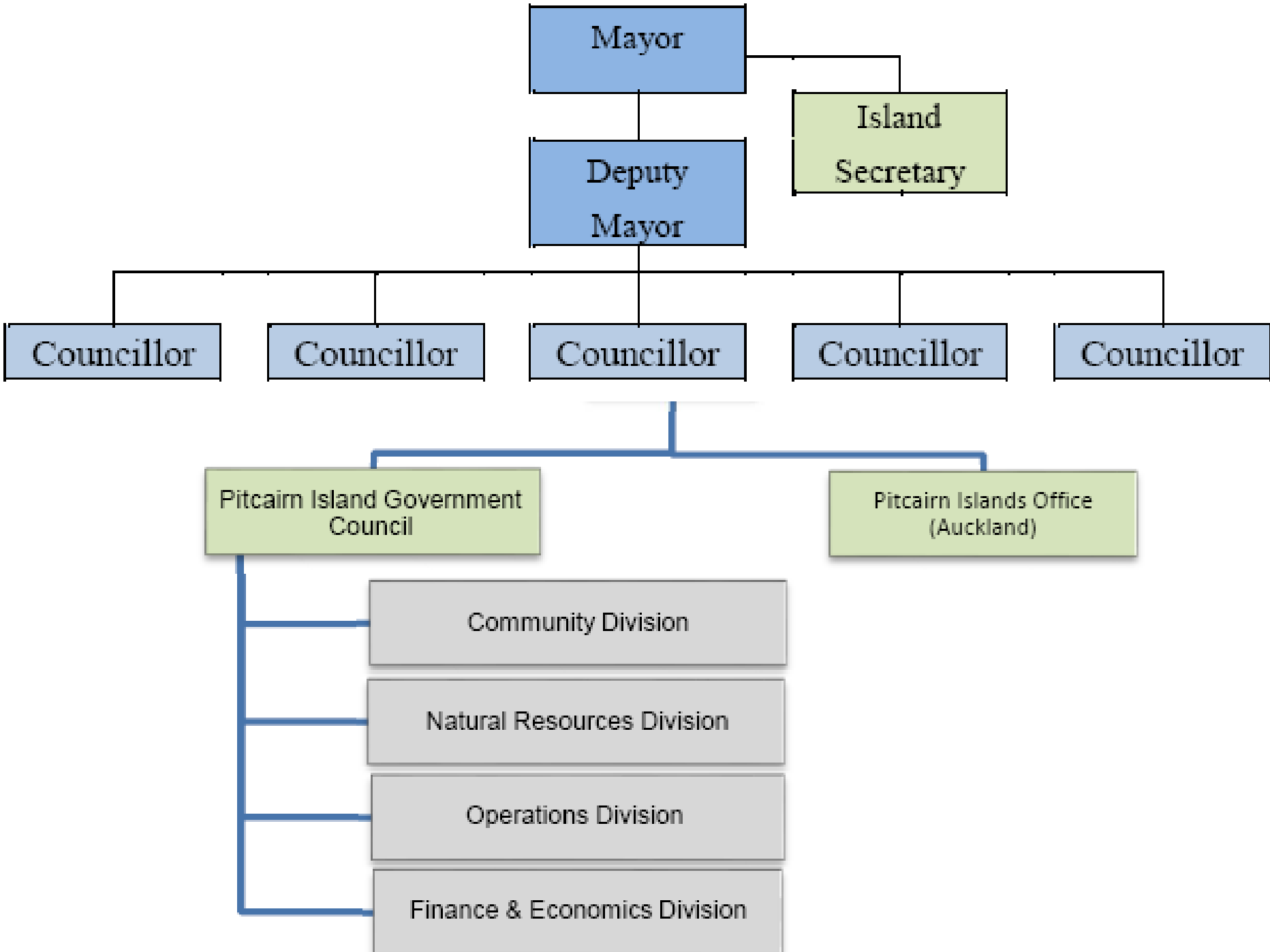
Population

- **Polynesian inhabitants in distant past;**
- **Bounty Mutineers plus Tahitian companions arrived in 1790;**
- **Peak population in 1930's of around 200**
- **Today 40 – 50 people**
- **Very small community**

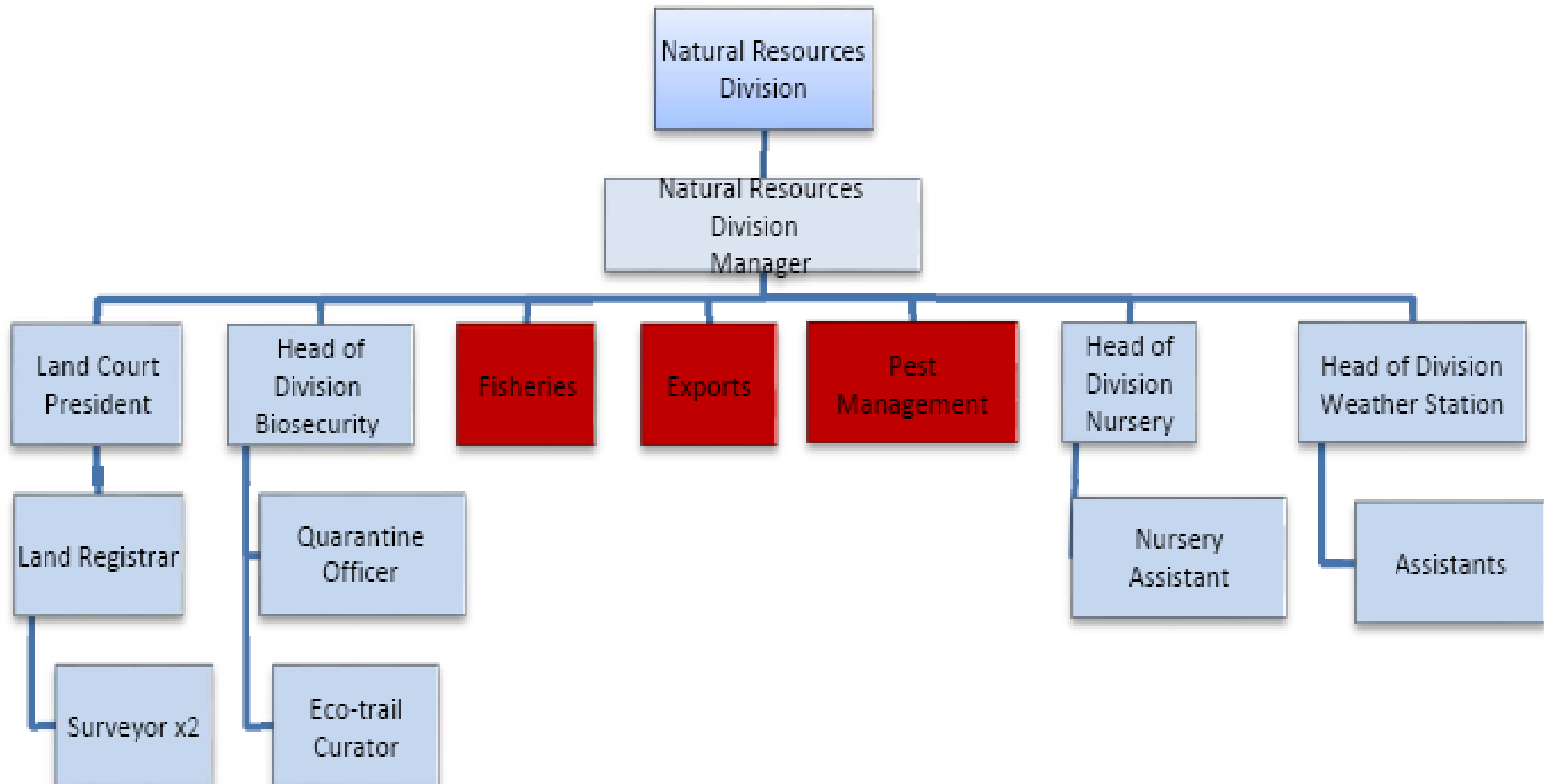
Legal Status

- **British Overseas Territory**
- **Governor is based in NZ**
- **Pitcairn Island Office based in NZ**
- **Pitcairn Island Council (PIC) on Pitcairn**
- **Mayor on-island**





Natural Resources Division



Waste inputs

- **No airfield;**
- **All imports come from four trips per year of supply ship, plus minimal from passing ships;**
- **Single store on island;**
- **Private imports of goods through NZ;**
- **Cargo manifests provide good data;**
- **Largely household waste plus power plant.**

Solid Waste Management

- **Waste is collected from most – not all – Households;**
- **Placed into a pit;**
- **Burned regularly;**
- **When one pit full, new pit dug**

Dump site...



Challenges of small communities

- **Low waste volumes;**
- **High cost for export;**
- **Legislating improvements usually not best;**
- **Motivate the population;**
- **Extract useful materials: glass, green waste, mechanical devices;**
- **Keep waste volumes down.**

PET Bottle Greenhouse



Glass Bottle Walls



Arts...



Things to Avoid

- **Burning waste: toxic chemicals created, ash is hard to contain;**
- **Tipping waste into wet areas: run off from waste dump contaminates local water and environment;**
- **Dumping greenwaste and food into inorganic waste: creates acidic leachates and unstable areas of dump;**
- **Dumping liquid toxic wastes into dumpsite: acid from old batteries; pesticides, timber treatment chemicals, waste oils.**

Integre Project Visit to Pitcairn

- **Team will visit in May to advise and assess potential improvements to the waste situation**