



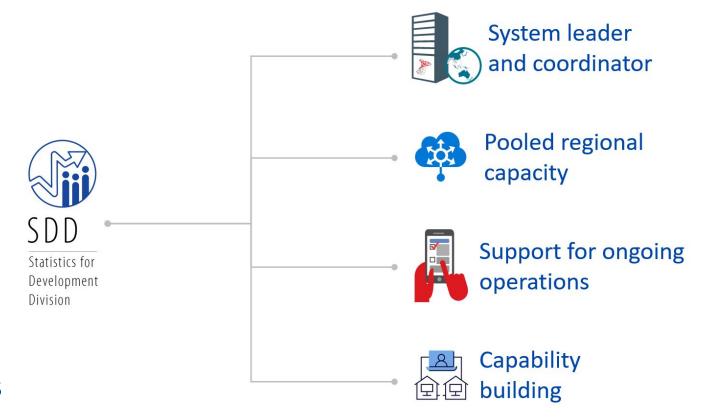
Supporting Pacific statistics integration, innovation and dissemination

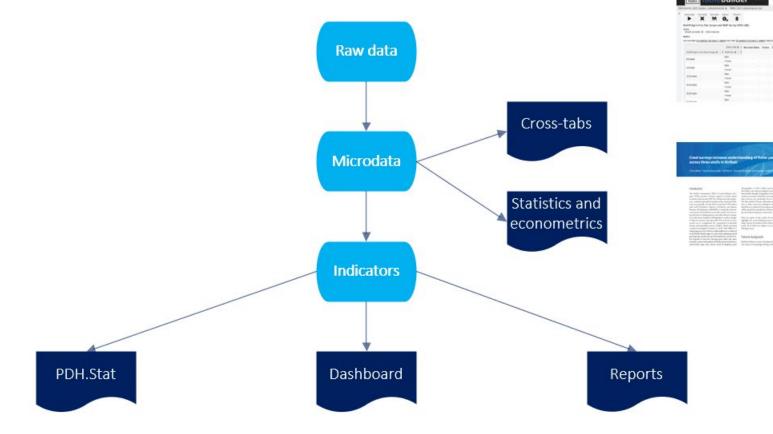
Peter Ellis, Director Statistics for Development



Who is Statistics for Development Division – roles and teams

- Four regional roles
- Three technical teams:
 - Leadership, Governance and Use
 - Collections
 - Infrastructure and Dissemination
- c. 40 staff and long term consultants
- About half of aid for stats in the Pacific, and 20% of all stats resources







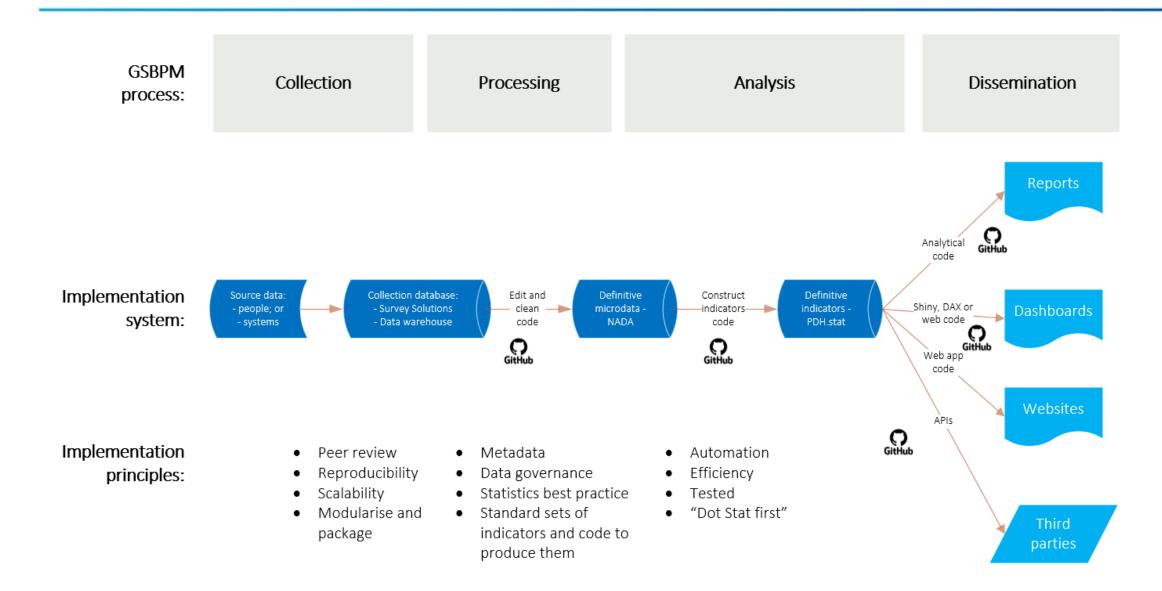




Study Protocol: Interactive Dynamics of Coral Reef Fisheries and the Nutrition Transition in Kinbati

Three critical states of data





Implementation within SPC



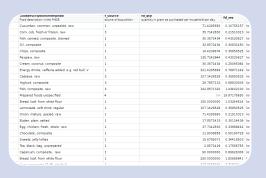
- Establish fundamentals of data dissemination infrastructure (2019)
- Dissemination dashboards linked to updating databases (2020+)
- Code-based data imports and processing (2020+)
- Establish analytics community (2022+)
- Introduce code version control (2023+)
- Systematic, mandatory peer review (2024+)
- Replace remaining Excel steps with code
- Indicators database embedded in the flow
- Code improvements (modular, packages, testing, integration, etc)

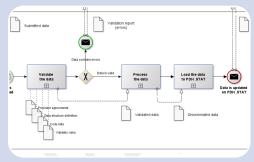
that seek to this many projects into opportunities

Four live (or hopeful) projects...











Pacific Food and Beverage Trade

Harmonised food consumption data PacCommTrade

National Data Portals in Fiji and Samoa

Reflections and lessons



- Databases take a long time
- There are many ways to mess up the sustainability
- Project governance and management disciplines are essential
- Specialist IT support is essential
- But so is skilling up the statisticians in the technology
- A holistic approach is essential
 - A nice dashboard needs an indicator database.
 - Which needs a sustainable approach to data updates and quality
 - Which needs good management of upstream data
 - Which needs data engineering skills, tools and processes
 - And we also want reproducible, good practice statistical processing and analysing
 - Which needs statistical coding skills and tools and processes to support it
- There are potentially huge pay-offs in this approach for your next integration, innovation or dissemination
- But the actual technical build is not the part that consumes time, it is specification, design, permissions, stakeholder engagement