ICLEI Oceania has extensive experience working with cities and communities in Australia, New Zealand and Asia to help them build greater resilience to climate change and disasters and to adopt low carbon approaches. This experience is now being refined for use with Pacific Island towns, cities and provinces.
What is the PIUR Toolkit?

This toolkit provides an integrated planning and action approach that can be followed by any small island local or provincial/regional authority. It brings together climate resilience, disaster resilience and energy resilience to underpin an island’s sustainable development priorities.

Features

- The process begins by considering the existing problems and priorities being faced by the island community. This may include major development priorities, provision of basic services, declining natural resources, recent disasters – it is a “Development First” approach.
- An analysis of climate change impacts and disaster risks, present and projected, is then applied to these priorities and problems.
- The analysis focuses initially on how to adapt to, or build greater resilience to, climate change and disasters, which may cover sectors such as water, food, transport, housing. Particular attention may be given to sustainable energy supplies.
- The three streams are combined into a Resilience Strategy and then integrated into the island development planning. Finally, assistance is provided to prioritise and assess options for action, to scope projects and to identify opportunities for financing and for the Compact of Mayors (CoM).
- This process may be followed step-by-step by a local authority which has done little previous planning, but may also be used to bring together the outcomes of earlier projects into a consolidated resilience plan. In this case the early steps could be fast-tracked.
- The Toolkit is supplemented by technical tools, programs and case studies available through the ICLEI international network.

The toolkit has been informed by approaches taken by a number of other partner organizations, including the UN Habitat Cities for Climate Change Initiative (CCCI), the USAID framework for Climate Resilience Development (March 2014) and aspects of the toolkits developed by ICLEI Canada and ICLEI US. It also incorporates a set of Disaster Risk Reduction tools developed by UNISDR for the Making Cities Resilient Campaign and builds on the CoM program compliance steps.

Policy Context

- This approach is closely aligned with the recently launched Framework for Resilient Development in the Pacific (FRDP) (September-October 2016) which has three Goals:
  - Strengthened integrated adaptation and risk reduction
  - Low carbon development
  - Strengthened disaster preparedness, response and recovery
- It follows a Development First approach by applying risk reduction to existing development priorities
- It is underpinned by the ICLEI Urban Agendas (ICLEI Seoul Plan 2015-2021)
Getting Started
- MOU
- Climate Team
- Workplan

Initial Analysis
- Island development priorities
- Island systems analysis
- Climate Change and Disaster projections

Disasters
- Sendai Local Indicators Self Assessment Tool
- DRR actions and prioritisation

Climate Change
- Risk assessment
- Vulnerability hotspot mapping
- Resilience actions and prioritisation

Energy
- GHG inventory
- Low carbon and renewable opportunities
- Low carbon targets, actions and prioritisation

Integrated Resilience Strategy
- Disasters
- Climate Change
- Energy

Alignment and Financing
- Alignment with island development plans
- Project design and financing
<table>
<thead>
<tr>
<th>Step</th>
<th>Activities</th>
<th>Tools, Resources (indicative)</th>
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<tbody>
<tr>
<td>Getting Started</td>
<td>Signed commitment from local authority Form internal climate team</td>
<td>ICLEI ACCCRN Process (IAP)</td>
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<td>Identify and add other stakeholders as required</td>
<td>Signup to CoM</td>
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<td>Develop workplan and communications plan</td>
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<td>Initial analysis</td>
<td>Develop city profile, including development priorities, previous initiatives, available data Assessment of systems, services most under pressure Climate Change, Disaster data and projections CC impacts on fragile island systems</td>
<td>IAP:</td>
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<td>• Baseline Questionnaire</td>
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<td>• Climate Ready Review</td>
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<td>Pacific Futures CC modeling</td>
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<td>Climate Change Stream</td>
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<tr>
<td>Hotspot mapping</td>
<td>Mapping of vulnerability hotspots for each high risk system</td>
<td>IAP</td>
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<td>Adaptive capacity of Actors</td>
<td>CoM adaptation</td>
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<td>Adaptive capacity of Systems</td>
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<td>Data gap analysis</td>
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<tr>
<td>Resilience Actions</td>
<td>Developing actions, interventions</td>
<td>IAP</td>
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<tr>
<td>prioritization</td>
<td>Screening and prioritization</td>
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<td>Alignment with local authority planning</td>
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<td></td>
<td>Climate adaptation plan for CoM</td>
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<td>Energy Stream</td>
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<tr>
<td>GHG Inventory</td>
<td>Data collection, development of inventory BAU projection</td>
<td>ICLEI GCC toolkit</td>
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<tr>
<td>Low Carbon opportunities</td>
<td>Analysis of opportunities to reduce GHG Identification of sustainable energy options</td>
<td>Global Protocol for Reporting Community Emissions (GPC) CoM</td>
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</tbody>
</table>
| Low Carbon actions prioritization | Developing actions, interventions  
Quantifying potential GHG reductions  
Screening and prioritization  
Alignment with local authority planning  
Inventory/Target/Plan for CoM | CDIA Prioritisation Tool  
UN Sustainability for All (SE4all) initiative  
100%RE network |
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<tbody>
<tr>
<td>Disaster Stream</td>
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| Self Assessment | Local Government Self Assessment Tool (Sendai) from UNISDR  
Analysis of strengths, areas for improvement  
Mapping of high risk areas, aligning with CC hotspots | UNISDR Handbook for Local Leaders  
Local Indicators self-assessment tool |
| DRR actions prioritization | Developing actions, interventions  
Screening and prioritization  
Alignment with local authority planning | |
| Integrated Resilience Strategy | Synthesising actions from 3 streams above  
Screening for feasibility, co-benefits and maladaptation  
Prioritisation  
Public Reporting | CDIA Prioritisation Tool  
ICLEI Carbonn Climate Registry |
| Next Steps | Developing costed project proposals  
Conducting pre-feasibility studies  
Identifying financing opportunities | CDIA Pre-Feasibility Study  
ICLEI Transformative Actions Program (TAP)  
Climate Finance Leadership Alliance |