



An integrated approach to urban climate change adaptation

Bernhard Barth

Human Settlements Officer
Regional Office for Asia Pacific
Fukuoka, Japan

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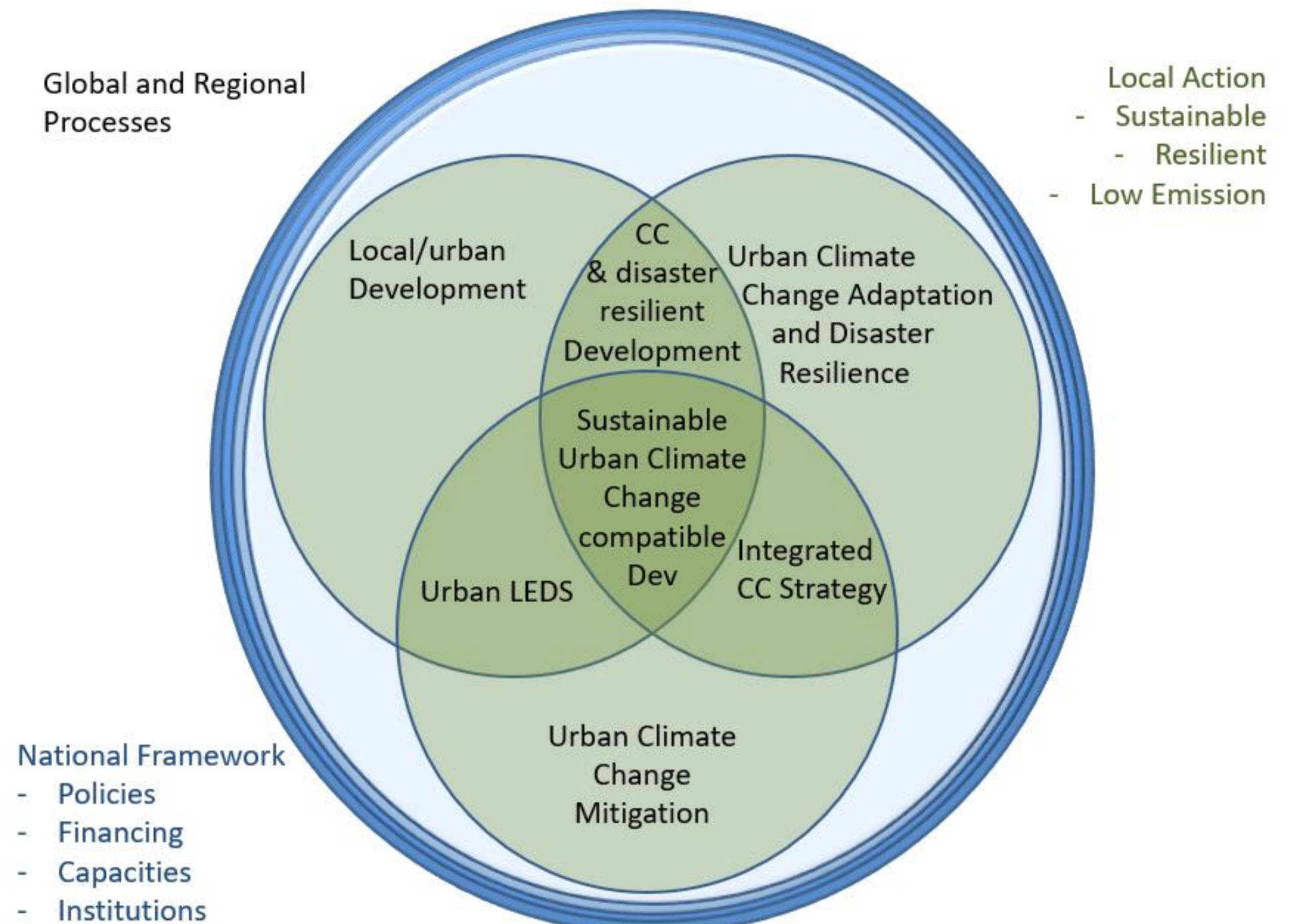
**Spatial Planning
Platform Meeting**

Hyakunenkan, Seinan Gakuin University

The many dimensions of integration

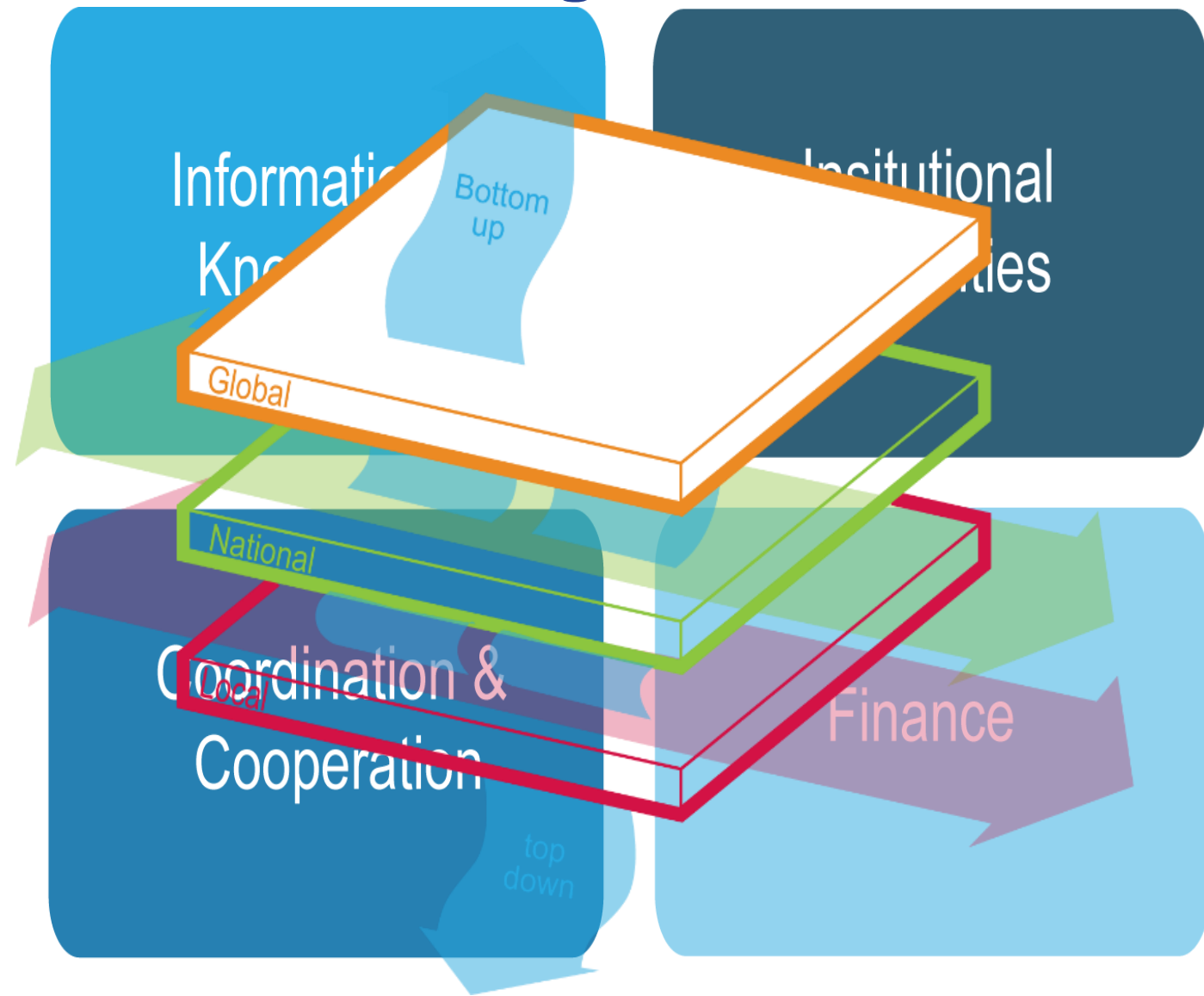
- international frameworks
- multi-level governance
- multi-sectoral approach
- climate change and DRR
- adaptation, mitigation & sustainable development
- financing
- the needs of specific groups
- ...and of course the spatial dimension

UN-Habitat's climate action support framework

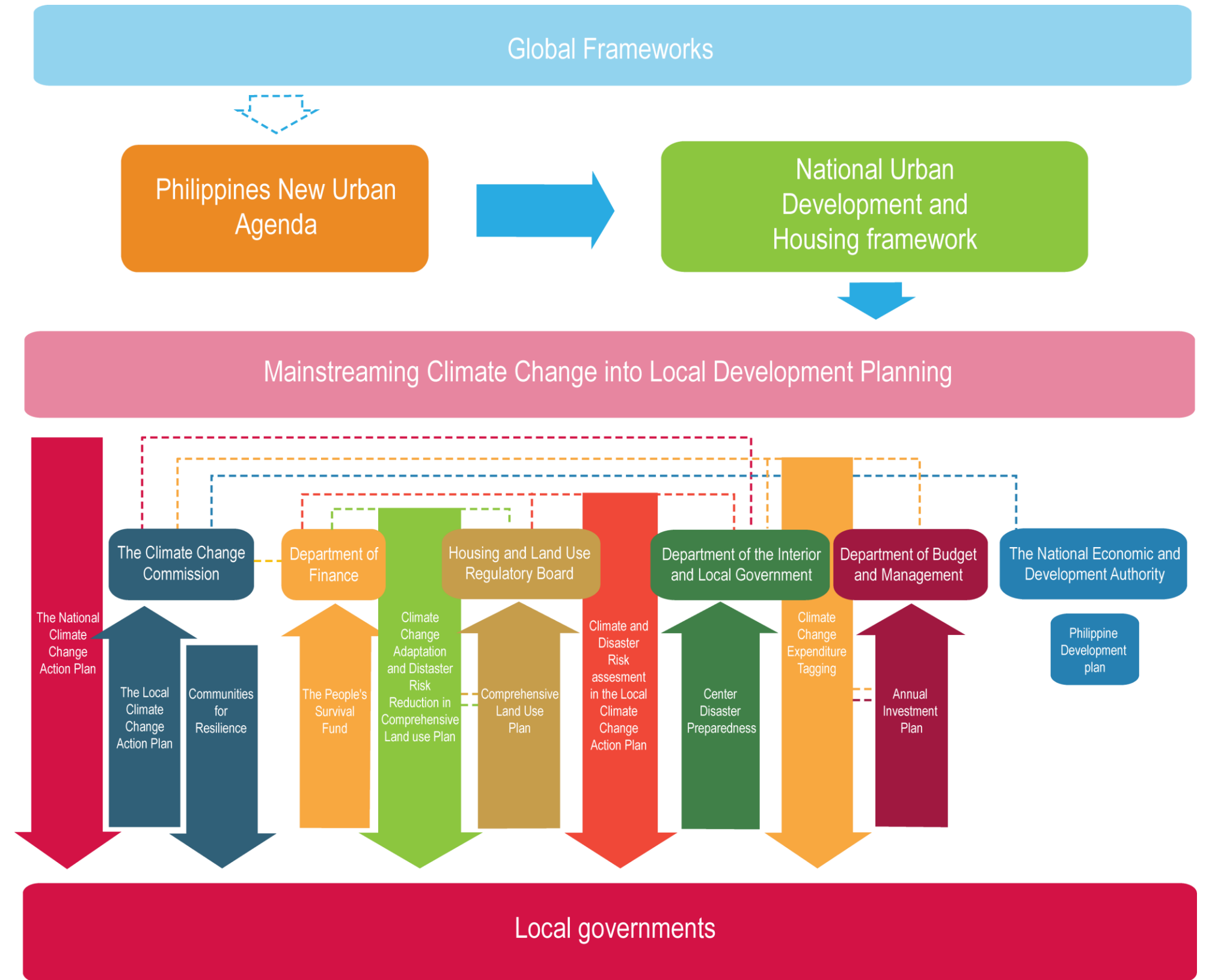




Multilevel Governance vertical and horizontal Integration



Mainstreaming Climate Change in the Philippines





	I) Substantive process	II) Resource & Capacity Assessment & Development	III) Urban & Climate Related Policy Alignment	IV) Institutions & Stakeholders
Phase A: Feasibility & Diagnosis	<ul style="list-style-type: none">Identify drivers (WHY) you want to mainstream climate change action into urban policyIdentify urban-related climate change issues, mainstreaming objectives & climate change actions (WHAT)Diagnose if examples of climate change mainstreaming into national urban policies in other countries or climate change concerns mainstreamed into other policies in your country (e.g. other sectors or sub-national level)Identify other cross-cutting issues (e.g. gender) that could additionally be mainstreamed in your policy and mainstreaming processes of your country on other topics from which you can learnMap out your individualised mainstreaming process using this Framework (HOW)Research existing monitoring & evaluation methodologies & potentially adaptPropose baseline indicators for measuring progress against mainstreaming goal & interim milestones & draft M & E planDraft the diagnostic paper based on your mainstreaming process map <p>The goals, substance & main steps of the mainstreaming process (including M&E) have been clearly articulated in the diagnostic paper</p>	<ul style="list-style-type: none">Identify core team for feasibility & diagnosis, formulation, implementation & M & E phases of mainstreaming process (WHO)Assess availability & gaps in needed human, financial, institutional & other resources for undertaking the mainstreaming process and develop strategy for additional financing & capacity development (if needed) <p>The necessary (human, financial) resources & institutional commitments for the mainstreaming process have been secured</p>	<ul style="list-style-type: none">Identify relevant sectors in international frameworks linked to urban development, including climate change & urban developmentIdentify relevant national & sub-national urban related documents, including stage of National Urban Policy development, & check if climate change mainstreamedIdentify relevant national and sub-national climate policies, strategies & frameworks that have relevance in urban context & check if urban-related concerns sufficiently coveredAnalyse SROTs, including gaps in the above-mentioned 'body of documents' vs. a vs. climate responsive urban development to identify entry points, cross-referencing opportunities & priority needs for mainstreamingAnalyse status & relationship degree of alignment of above documents to each other, including respective international & domestic, public & private financing mechanismsIdentify urban policy documents into which to mainstream climate change actions (WHERE) & outline mainstreaming content - or how climate change can drive development of new NUP <p>The urban policy documents into which to mainstream have been identified & an associated outline has been drafted (or in case of new climate responsive NUP) has been drafted from scratch as part of a discussion paper</p>	<ul style="list-style-type: none">Map relevant institutional landscape (government), including responsibilities under documents in A2) & identify potential mainstreaming championsMap relevant key stakeholders (outside government) & identify potential mainstreaming championsDetermine potential means & level of engagement of all relevant institutions & key stakeholders based on capacities & interest (HOW, WHAT)Agree with institutional partners & key stakeholders on participation strategy for mainstreaming process, including potentially forming a reference group (WHO) <p>Consensus has been reached with institutional partners & other stakeholders on content & process for mainstreaming policy formulation & implementation as proposed in the discussion paper</p>
Output Phase A: Preparation: DIAGNOSTIC PAPER the content of which has been agreed by key institutions & stakeholders, containing:	<ul style="list-style-type: none">Goal & objectives of the mainstreaming processSummary of urban-related climate issues & diagnosis of urban & climate related policies (NURTs, gaps, priorities) <p>A preliminary strategy for mainstreaming process is outlined in broad terms, including general risks, resources & M&E</p>			
Phase B: Formulation	<ul style="list-style-type: none">Decide where & how to insert mainstreaming content in policy proposal (e.g. information linked to analyses of status quo & trends, as well as sectoral & issues discussions & agreed measures/ actions, or draft from scratch (if new NUP))Draft text, ensuring that proposed climate change actions or climate adjustment existing urban development actions based on clear & realistic work plans, account for budgeting needs & include stakeholder considerationsConduct periodic monitoring & evaluation as per plan developed in Phase A: PreparationUndertake implementation analysis to understand legislative & administrative landscape <p>The drafting process has been well planned and executed & an implementation analysis has been included in the policy proposal</p>	<ul style="list-style-type: none">Create detailed formulation plan, including timeline, work responsibilities & budget for policy formulation process by core team & reference groupUndertake capacity development activities of core team or reference group if neededEnsure institutions are ready to implement mainstreamed policy documents/ NUP through capacity gap assessment (human, technical, financial, institutional) of implementing agencies <p>The core team & the wider reference group has clear assignments & capacity to complete them in time & with high quality, including periodic M&E</p>	<ul style="list-style-type: none">Formulate or revise NUP/ identified policy documents to mainstream climate change, including clear indication of what other documents need to be aligned & an estimation for budget needs & other resources to implement the mainstreaming objectivesAlign national policy targets with international framework targets & indicators, as well as review & reporting requirements as far as possibleIf appropriate in country context, assist with aligning urban legislation & sectoral & sub-national policies & plans with climate mainstreamed national policy, as well as with other projects & initiatives that function as implementation mechanisms <p>Text of policy proposal has been either newly formulated or adapted to include all climate responsive language by evidence on climate change status quo & trends & impact of planned climate change actions, & c) concrete mainstreaming objectives & climate change actions - by sectors & at national & sub-national levels</p>	<ul style="list-style-type: none">Involve relevant institutions & key stakeholders during formulation process (agreed during preparation, especially linked to analysis of challenges & opportunities & the detailed proposals for climate measure actions) <p>Participating institutions & stakeholders support formulation of changes & are ready to support implementation</p>
Output Phase B: Formulation: POLICY PROPOSAL, & a mainstreamed national urban policies documents, whose content has been agreed by key institutions & stakeholders, and if appropriate, draft recommendations for operationalisation in follow-on legislative & planning				
Phase C: Implementation	<ul style="list-style-type: none">Facilitate the process of having the policy proposal sanctioned/ adopted or agreed by the respective oversight/ decision-making bodies in line with country-specific requirementContinuously monitor process & outcomes of implementation, & create feedback mechanisms to inform future policy cycles (responsibilities defined, clear progress indicators, analysis of downstream policy documents, regular meetings with reference group & key stakeholders) <p>The process of adopting and operationalizing the policy has been completed</p>	<ul style="list-style-type: none">Create detailed implementation work plan on support coordination/ oversight by core team & wider reference groupSupport resource mobilisation for implementation of mainstreamed climate actions, considering domestic, international, private & public, financing sources & mechanisms & support measures to channel financial resources to national & sub-national implementing bodiesDevelop capacities of sectoral & sub-national implementing bodies if mandated & needed (including on how to access climate financing & support institutionalisation of capacity building processes where possible) <p>All necessary resources & capacity development for successful implementation have been provided to all key implementers</p>	<ul style="list-style-type: none">Formulate or revise NUP/ identified policy documents to mainstream climate change, including clear indication of what other documents need to be aligned & an estimation for budget needs & other resources to implement the mainstreaming objectivesAlign national policy targets with international framework targets & indicators, as well as review & reporting requirements as far as possibleIf appropriate in country context, assist with aligning urban legislation & sectoral & sub-national policies & plans with climate mainstreamed national policy, as well as with other projects & initiatives that function as implementation mechanisms <p>All linked ('downstream') documents have been aligned with new climate responsive national urban policy, enabling actors to start implementation of urban-related climate change actions</p>	<ul style="list-style-type: none">Facilitate delegation of roles & responsibilities to sectoral & sub-national implementation bodiesDefine roles & responsibilities for stakeholders & facilitate institutionalisation of coordination processes (e.g. development of standards & procedures for stakeholders) if possible <p>All relevant government bodies & non-governmental stakeholders actively & inclusively contributed to policy adoption & operationalisation, while their roles have been clarified & if appropriate institutionalised</p>
Output Phase C: Implementation: POLICY ADOPTION & OPERATIONALISATION	<ul style="list-style-type: none">Implementation plan with clear timelines, tasks & roles, confirmed resources & covering capacity development needsMainstreamed national urban policies Document has been adopted (if legally binding according to country's legislative process), its objectives & recommendations have been transcribed into respective laws & regulations, & operationalised in sectoral and sub-national policy documents, & plans & budgets have been aligned accordingly			
Phase D: Evaluation	<ul style="list-style-type: none">Evaluate if mainstreaming process has been effective & inclusiveEvaluate if policy proposal sanctioned/ adopted or agreed by the respective oversight/ decision-making bodiesEvaluate if climate responsive national urban policy has been operationalised with follow-on policies, legislation, plans etc.Plan or encourage evaluation of whether the mainstreamed national urban policy has enabled implementation of urban-related climate change actions <p>Evaluation process has been implemented & institutionalised including all relevant government bodies & stakeholders</p>	<ul style="list-style-type: none">Evaluate if capacity building had desired impact & reached the right peopleEvaluate if climate responsive national level urban policy aligned with local, national & global financing opportunities	<ul style="list-style-type: none">Evaluate if mainstreaming process of national urban policies fully considering existing sectoral & sub-national policies & legislationEvaluate if mainstreamed urban policies aligned with targets, indicators, monitoring & review of international frameworks	<ul style="list-style-type: none">Evaluate if institutional roles, responsibilities, coordination clear & process is functioningEvaluate if all key stakeholders were meaningfully involved throughout, their resources were effectively incorporated & their needs met
Output Phase D: Evaluation: EVALUATION REPORT, whose content has been agreed by key institutions & stakeholders	<p>Institutionalisation of periodic evaluation & review of policy impacts with view to of learning into subsequent policy processes</p>			

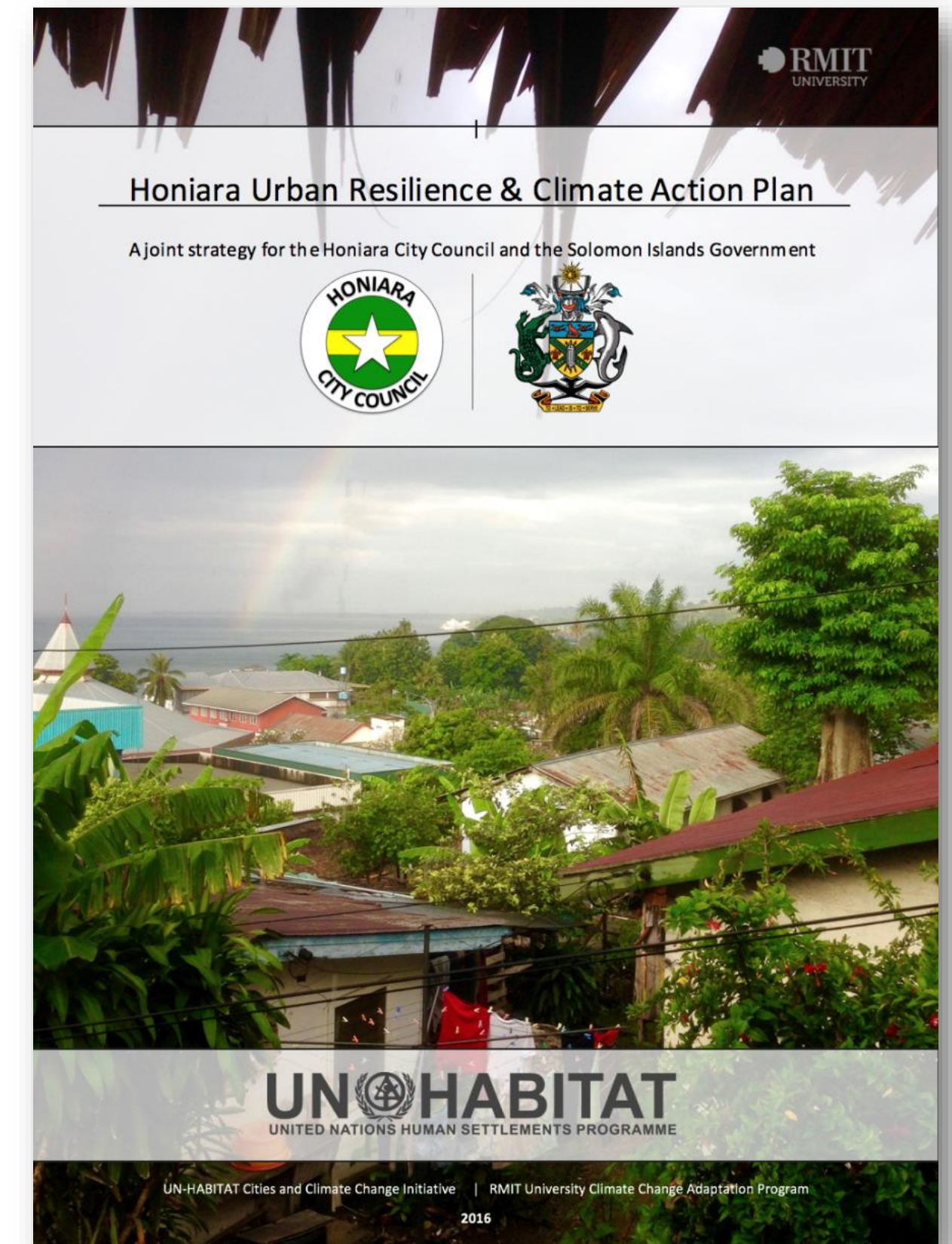


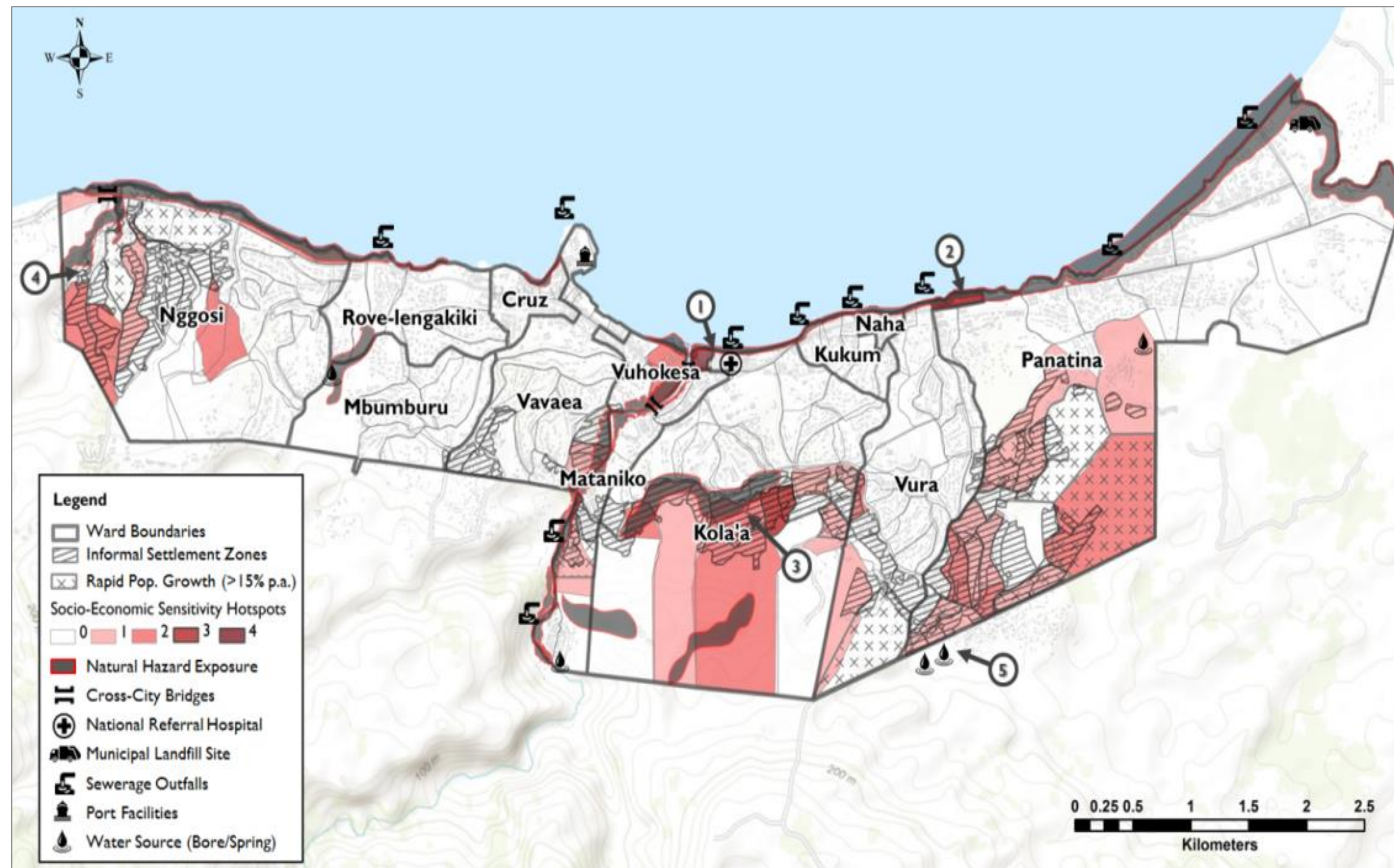
10 City-wide entry points:

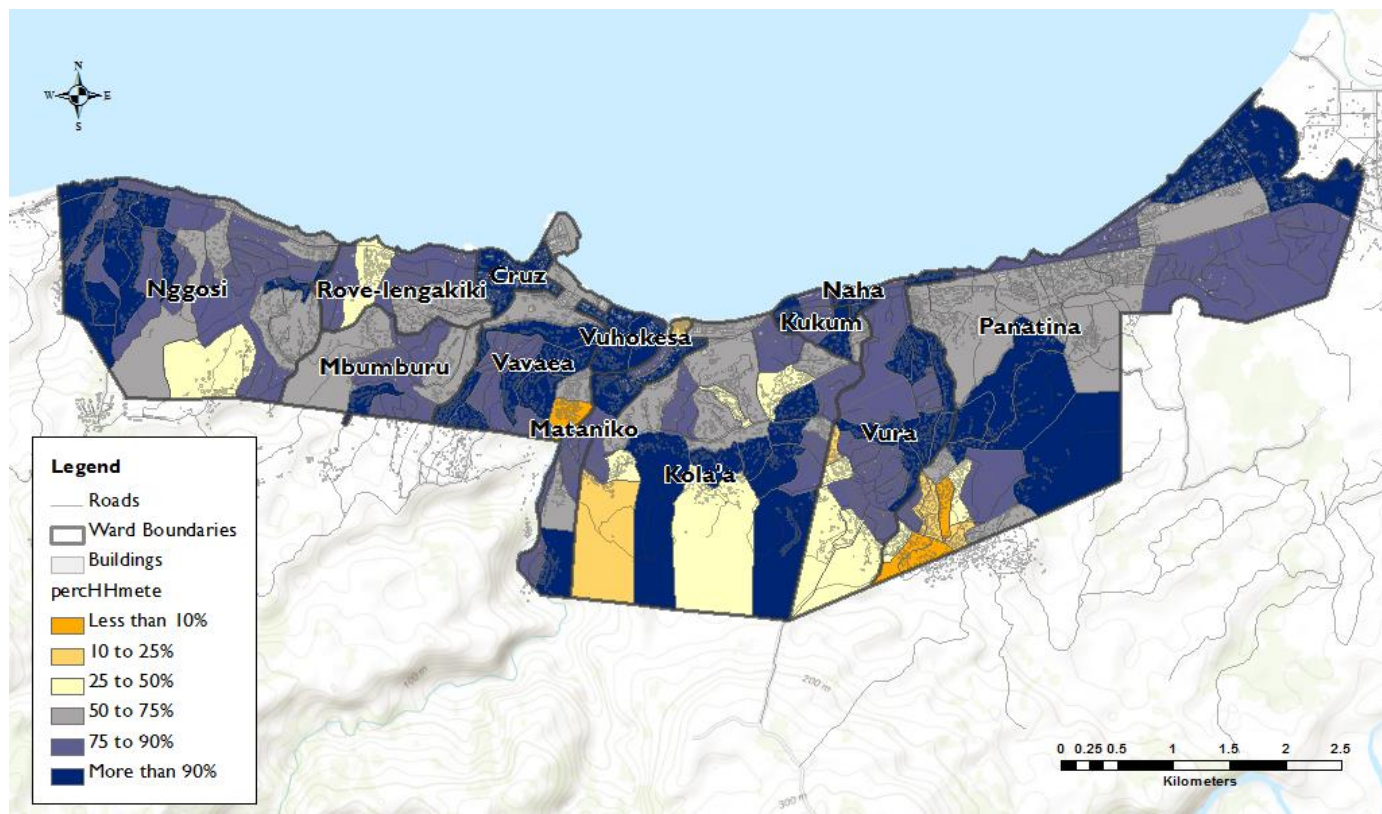
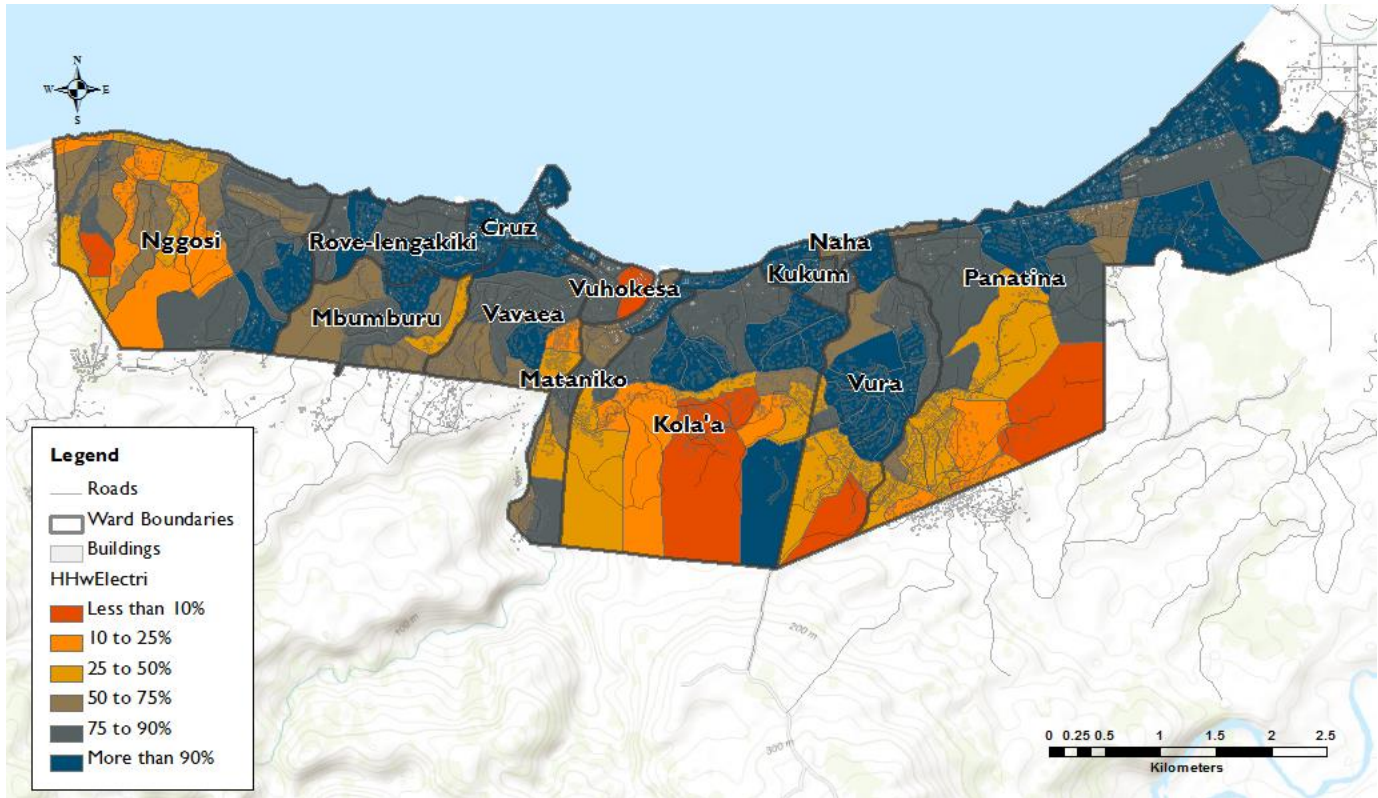
- Urban Planning and Land
- Housing
- Infrastructure
- Water, Sanitation and Waste
- Ecosystems and Coastal Protection
- Human Health and Well-being
- Communication, Awareness
- Livelihoods
- Disaster Response
- Governance and Partnerships

3 Levels

- City
- Ward
- Hotspot communities







City-wide action plans

Tenure

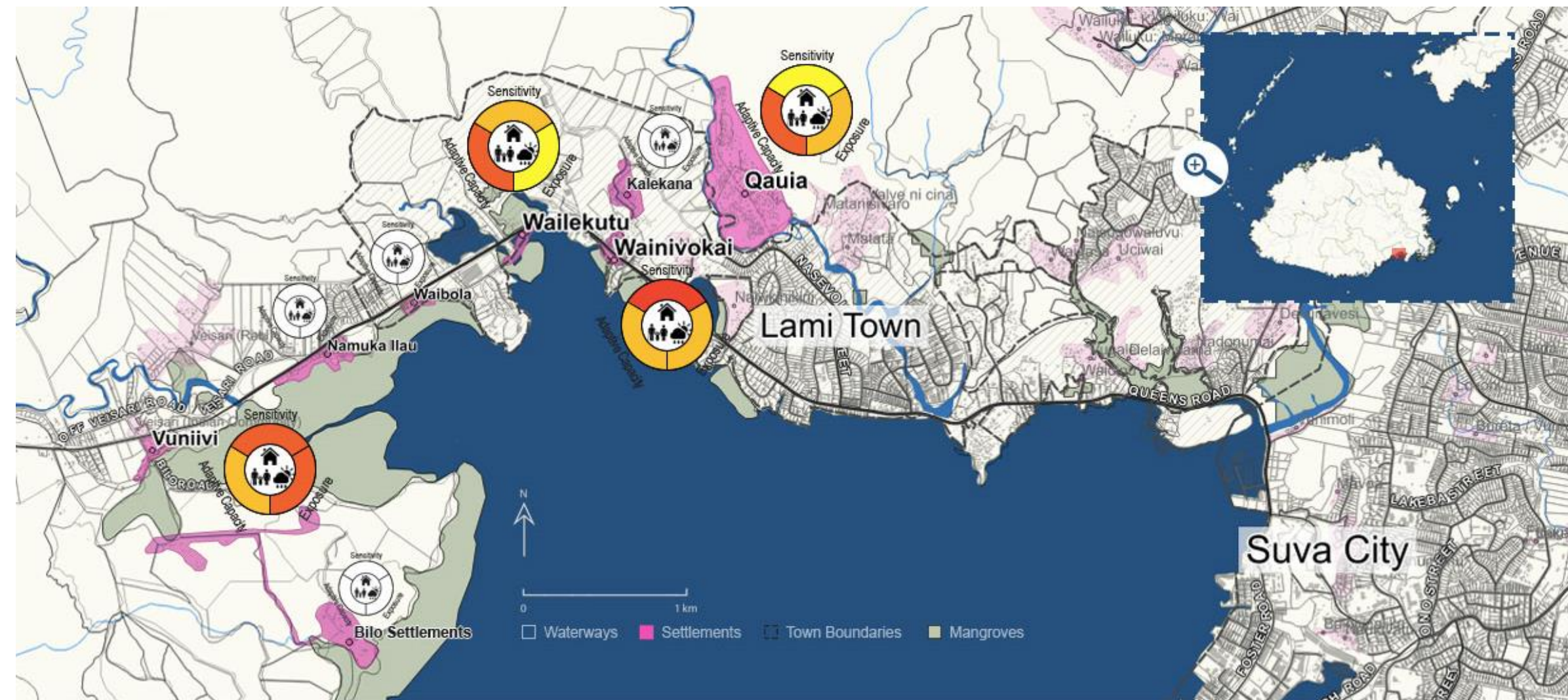
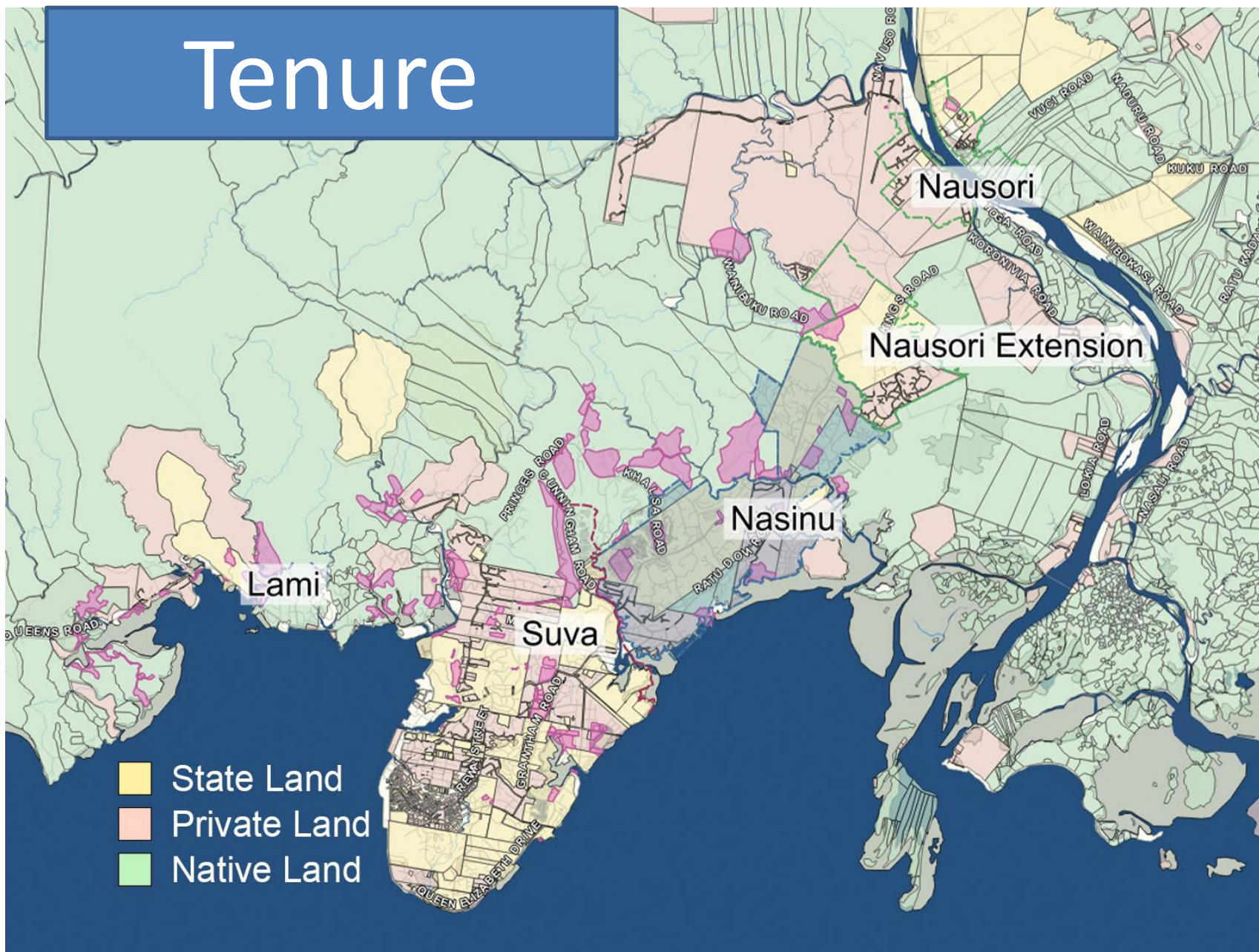


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

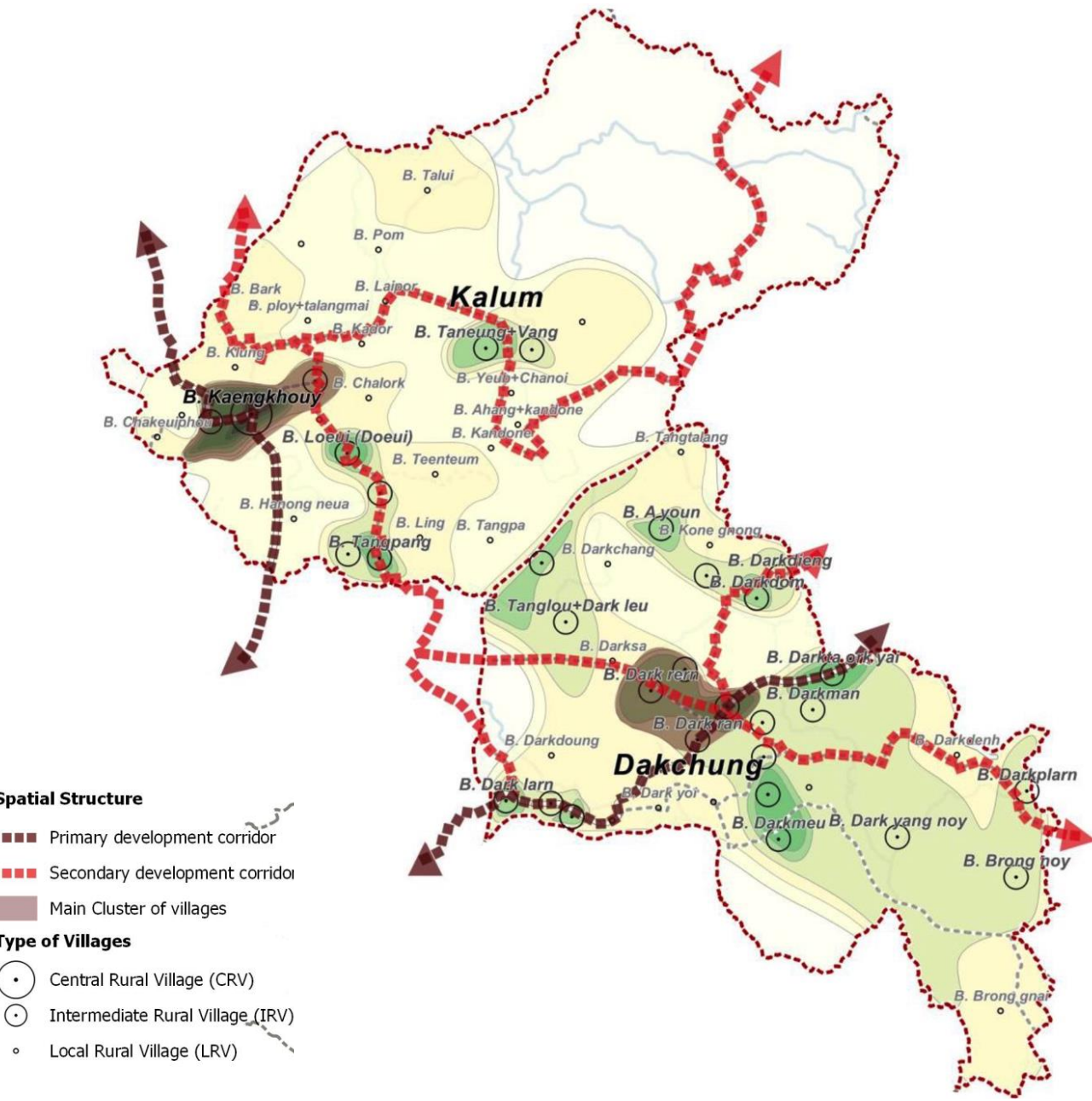
Fig. 7.

Fig. 8.

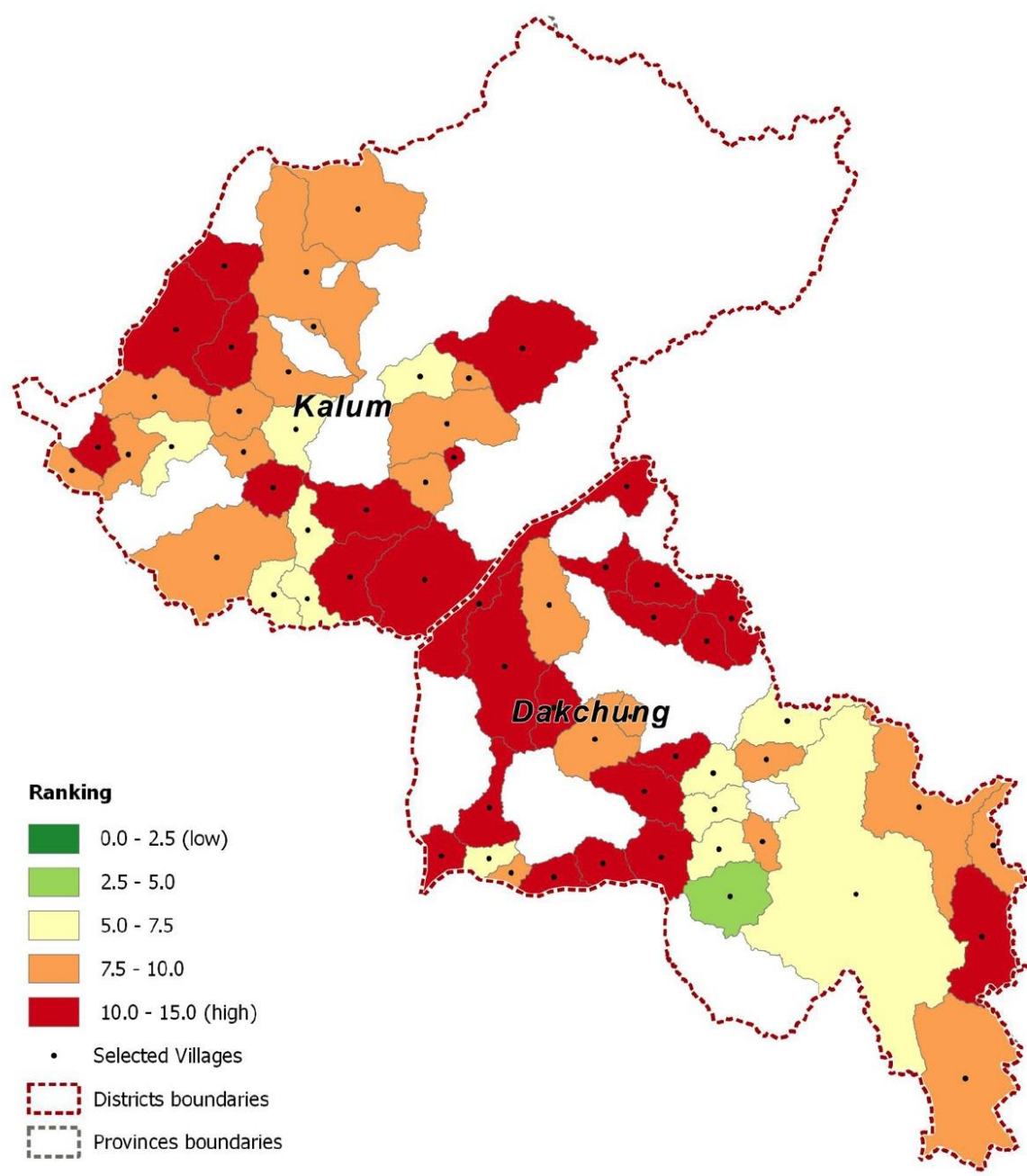


Community Action Plans inform the Local Planning Scheme

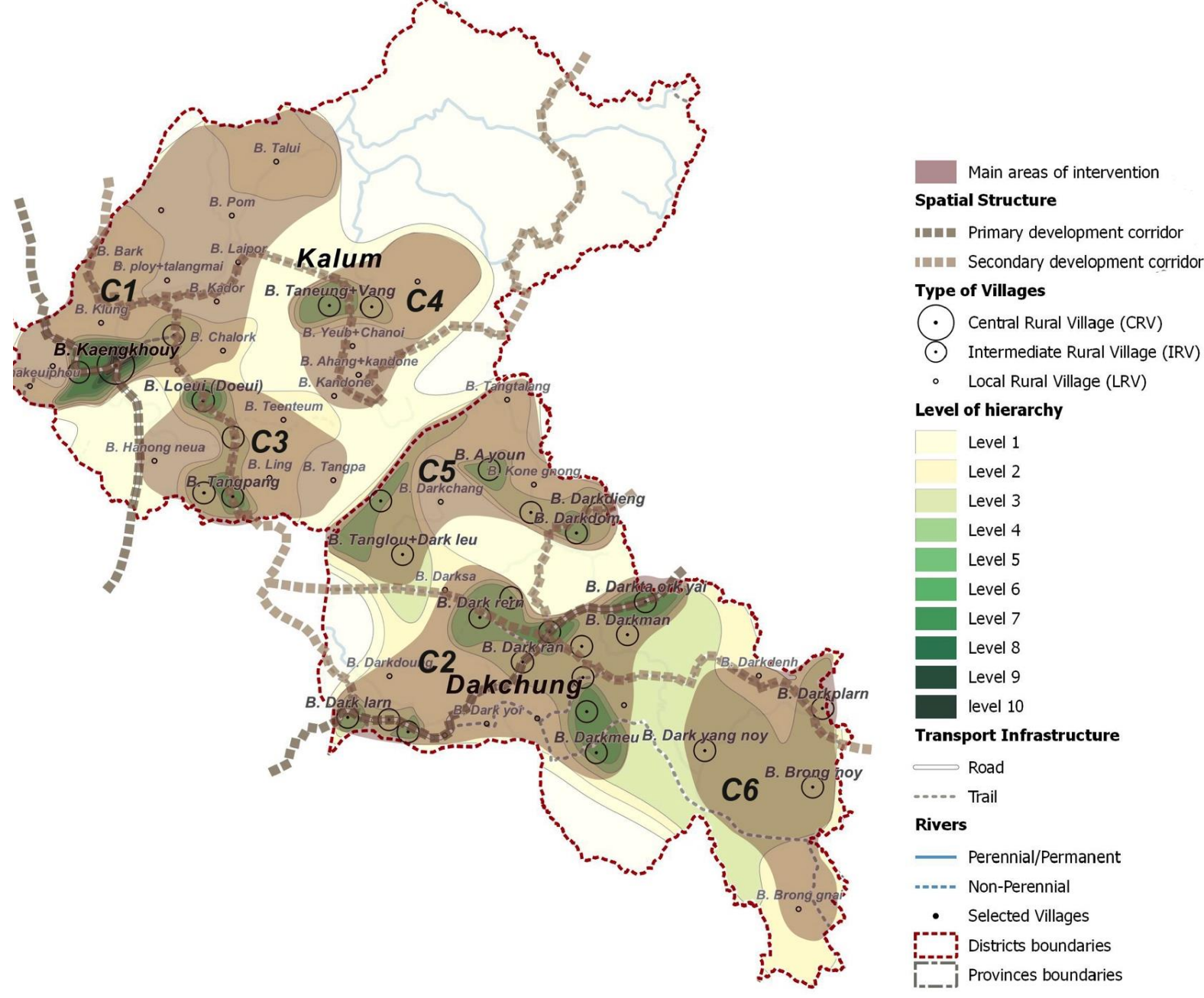
TERRITORIAL LINKAGES AND SPATIAL STRUCTURE



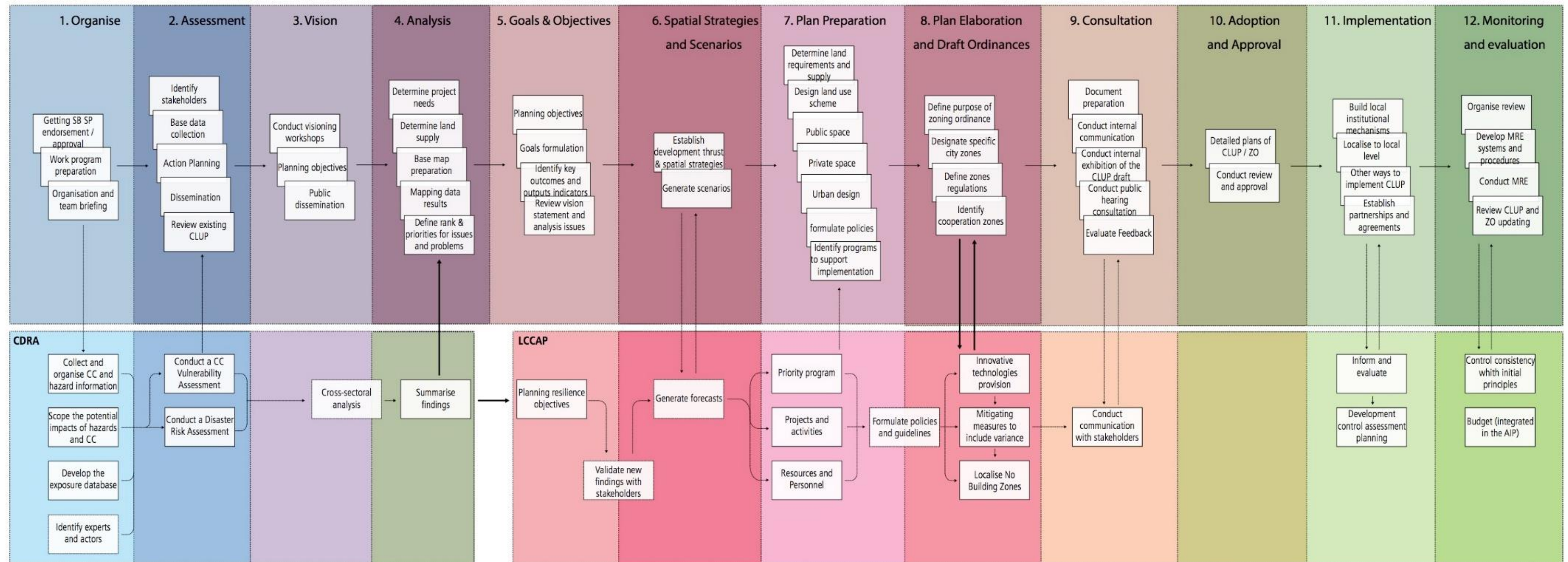
Vulnerability Index (village level)



Clustered Interventions



Philippines Comprehensive Land Use Plan Development



**Climate Change and
Disaster Risk Assessment**

**Local Climate Change
Action Plans**



Integrating climate change into spatial plans

