



INDONESIA

MARUNDA URBAN RESILIENCE IN ACTION

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Photo Cordaid

Urban development in low and middle income countries is characterized by highly unequal access to space, infrastructure, services and security. Low-income households are often forced to occupy hazard-exposed areas. People living in urban slums in coastal areas are extra vulnerable to disasters such as flooding and typhoons. Slum dwellers have the capacities, but lack the resources and networks to reduce their risks. The informal settlement of Marunda underscores these issues. Marunda is a densely populated (23,000 residents), badly organized and poor coastal neighborhood of North East Jakarta. The neighborhood is subject to small and large scale flooding multiple times per month. The flooding undermines sanitation and health, damages household assets and erodes coping mechanisms of the community.

The Cordaid Urban Resilience approach supports slum dwellers facing high disaster risk in working together with other local stakeholders. Together, capacities, vulnerabilities and risks are mapped and analyzed; priorities are set; and a risk management and urban development plan is created and realized, thereby increasing household and neighborhood resilience from hazards. Cordaid facilitates multi-stakeholder cooperation involving all local parties (community, government, civil society organizations and the private sector) to develop concrete and sustainable plans for urban resilience.

CONTEXT

In Jakarta alone, 1 million people live in most-at-risk districts along the coastal strip of northern Java. Other cities in Indonesia and Asia face similar challenges as the community in Marunda.

The underlying and interrelated chronic stresses of coastal flooding in Marunda are related to limited opportunities for income generation; inadequate waste management and drainage systems; a deteriorated sanitation system; destruction of natural flood protection from mangroves; all of which are exacerbated by alarming rates of land subsidence. At greatest risk are those households living in extreme poverty in direct proximity to the coast and waterways. 38% of the sub-villages of Marunda have a household income of less than 2 euros per day.

“To overcome critical barriers, we propose a multi-stakeholder approach involving different disciplines and sectors, building upon a community managed resilience strengthening approach.”

Anat Prag, Program Coordinator Cordaid

URBAN RESILIENCE

Urban Resilience refers to the capacity of people living and working in cities - particularly the poor and vulnerable - to resist, absorb, accommodate and recover **from hazards or stresses and shocks and transform** by addressing the underlying factors and root causes of risk in an effective way.

Critical Barriers

- **Limited collaboration** between at-risk communities and local authorities on risk reduction and urban development
- **Sectorial approach** of the government, with no interdepartmental cooperation
- **Limited access** for vulnerable people to safe and secured land (tenure security)
- **Extreme poverty** in the community

HOW WE DO IT

The **Marunda Urban Resilience In Action (MURIA)** project integrates a multi-stakeholder approach with resiliency strengthening. The MURIA partners bring together expertise in urban planning, stakeholder engagement, disaster risk reduction, water and environmental management, livelihoods and small business innovations. Involving the private sector ensures interventions are based on business cases, guaranteeing ownership and economic sustainability. The MURIA project starts with **engaging (phase 1) and connecting stakeholders (phase 2)**, using the disaster risk mapping tool and the urban collaboration game. At the end of these phases the different stakeholders agree on the main problems in the area; agree to collaborate in solving the problems; set a common agenda; develop an action plan with short and long term solutions for strengthening resilience; and test out two short term solutions. The MURIA partners search additional funding for the implementation of the **long term action plan (phase 3)** and **scaling up** the urban resilience approach to other cities (phase 4).

PUBLIC-PRIVATE PARTNERSHIPS

The MURIA project is an innovative model for public-private partnerships in urban resilience. Authorities from other cities will endorse the model and solutions and can self-replicate in their city. The MURIA project involves the private sector by linking to Corporate Social Responsibility, which enlarges the impact of planned interventions. It is a unique showcase of the added value of approaches that combine hard and soft sectors in finding solutions for fragile communities.

BUDGET

The multi-stakeholder process in phase 1 and 2 has a secured budget of **111,000 €** for a 5-month period.

In total, **2,3 Million €** are needed in order to implement the 2-year long-term action plan of phase 3, including infrastructure. Funding is requested for this state-of-the-art project.

EXPECTED RESULTS OF PHASES 1-4

- **412 families** have an **increased and more risk proof income**
- Improved and **safer infrastructure for 23,000 people**
- **1 Multi-stakeholder platform** incl. government departments, local industries and businesses and residents
- **Diversified livelihoods** for 412 families through urban farming or aquaculture
- **Open dialogue on tenure security**

BENEFICIARIES

412 at-risk families (1,342) are direct beneficiaries, participating in phase 1 and 2 of the project

23,000 indirect beneficiaries of the project (total population of Marunda) reached in phase 3

12 stakeholders (from civil society, university, government, businesses and industries)

OUR TOOLS



Disaster Risk Mapping Tool



Urban Collaboration Game

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ABOUT CORDAID

Cordaid is a global development organization and based in the Netherlands. We have been fighting poverty and exclusion in the world's most fragile societies for a century.

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