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*Changing Mindsets.
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Operation L!STO: Disaster Preparedness Manual for Tsunami

30 September 2025, Tuesday

Kien Develos
Local Government Academy (Philippines)



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Outline

1. The Local Government Academy (LGA) and Operation L!STO
2. Overview of the Disaster Preparedness Manual for Typhoon
3. Ways Forward



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Introduction

- ❑ **Department of the Interior and Local Government (DILG)** as executive department supervising local governments
- ❑ **Local Government Academy (LGA)** as attached agency of DILG providing and overseeing capacity development for local governments and DILG personnel
- ❑ **Operation L!STO** as primary capacity development program enhancing local government's capacity on DRRM and CCAM



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Role of DILG in DRRM-CCAM

- **Vice-Chair** for Disaster Preparedness of the National Disaster Risk Reduction and Management Council (RA 10121)
- **Member** of the Cabinet Cluster on Climate Change Adaptation, Mitigation and Disaster Risk Reduction (CCAM-DRR) (EO24)





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Loss of lives and assets due to climate and disaster impact is substantially reduced

IMPACT

Capacity of LGUs in DRRM-CCAM & resilience is improved

OUTCOME

**Strengthen institutional capacity
of LDRRM Councils and Offices**

**Improve mainstreaming of risk
information in local plans and
budget**

**Improve knowledge
management on local
governance capacity
development on resilience**

**Strengthen service delivery for
local governance capacity
development on resilience**

OUTPUTS

- Competency Framework for LDRRMOs (with OCD)
- Training Offerings for LGUs with Partners
- Curriculum (Learning program development) for LDRRMOs
- **Disaster Preparedness Manuals**
- Advocacy on Community and Household Preparedness

- Formulation of Local Climate Change and Action Plan (LCCAP) with support for CDRA & GIS (with CCC)
- CDP+ Formulation & Review (BLGD)

- Direction-setting with Resilience Capacity Development Plan & National Disaster Preparedness Plan
- Documentation through Kwentong LISTO (PACS)
- Awards & Recognition through Galing Pook
- Brokering and Innovation through Partnership Agreements
- Advancing digital transformation
- SGLG & Incentives (BLGS)
- Disaster Monitoring & Reporting (CODIX)

- Organizing LISTO Teams
- Upskilling DILG Coaches on DRRM-CCAM
- Public Service Continuity for LGA & DILG Ros
- Accreditation & Credit Transfers through Partnership Agreements
- Infrastructure Projects & LGSF (OPDS)
- Deployment of Equipment & Personnel for Response

ACTIVITIES

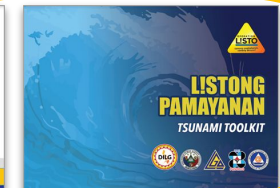
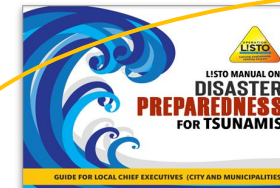
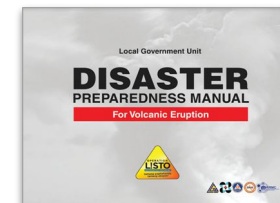
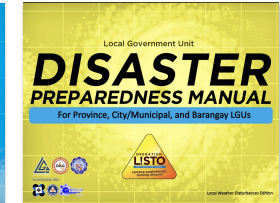


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Disaster Preparedness Manuals

- **Need-to-do list with codified actions** for (i) early preparedness, (ii) minimum critical preparedness, and (iii) early recovery and rehabilitation
- Intended for **varied users:** Local Chief Executives (LCEs), Local Disaster Risk Reduction and Management Officers (LDRRMOs), and Barangays (Villages)



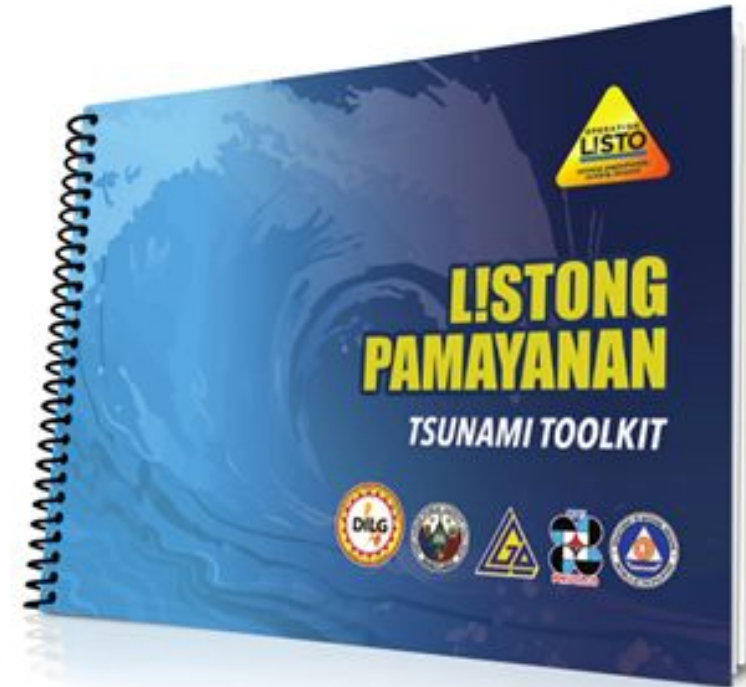


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Content

1. Legal & Scientific Inputs
2. **Checklists:** Early Actions
3. **Checklists & Flowcharts:** Minimum Critical Actions
4. **Checklists:** Early Recovery
5. Other Resources





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Early Actions

- ❑ Community Tsunami Risk Assessment
- ❑ Partnerships
- ❑ Community Evacuation Drills
- ❑ Public Display of Tsunami Information & Signages



17 August 2016, Hinatuan, Surigao del Sur. Headcount of students participating in a community evacuation drill.



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Minimum Critical Action

Flow Charts based on Two (2) Scenarios

ALPHA - DISTANT TSUNAMI

ASSUMPTION: *2 hours before tsunami reaches shore*

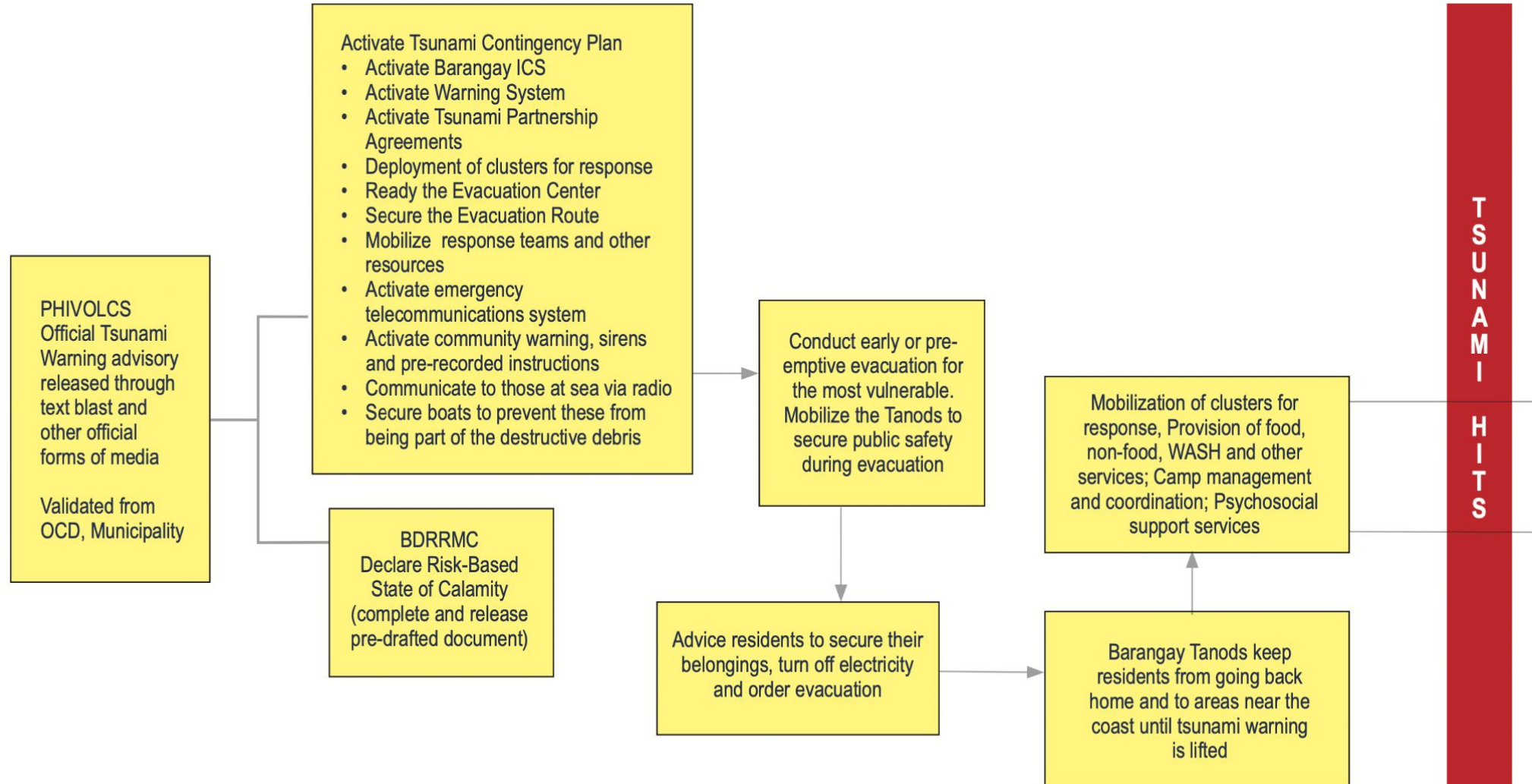
BRAVO - LOCAL TSUNAMI

ASSUMPTION: *20 minutes before tsunami waves hit shore*



ALPHA - DISTANT TSUNAMI

ASSUMPTION: 2 hours before tsunami reaches shore



BRAVO - LOCAL TSUNAMI

ASSUMPTION: 20 minutes before tsunami waves hit shore

STRONG
EARTHQUAKE
FELT

Natural signs of earthquake felt;
Did heavy furniture move conspicuously and many people find it difficult to stand during the earthquake?
(signs of Intensity VIII EQ)

YES

Order immediate forced evacuation

Advice LDRRMO, Municipality, PHIVOLCS and order immediate evacuation

NO

Are there Tsunami Early Warning Signs?

NO

Advice residents to secure belongings and prepare for possible evacuation if tsunami warning is raised

YES

Activate community-based EWS

Activate Tsunami Contingency Plan

- Activate Barangay ICS
- Activate Tsunami Partnership Agreements
- Deployment of clusters for response
- Ready the Evacuation Center
- Secure the Evacuation Route
- Mobilize response teams and other resources
- Activate emergency telecommunications system
- Advice boat owners already at the sea to go to deeper waters
- Activate community warning, sirens and pre-recorded instructions for evacuation

Barangay officials conduct headcount of residents to ensure all are accounted for

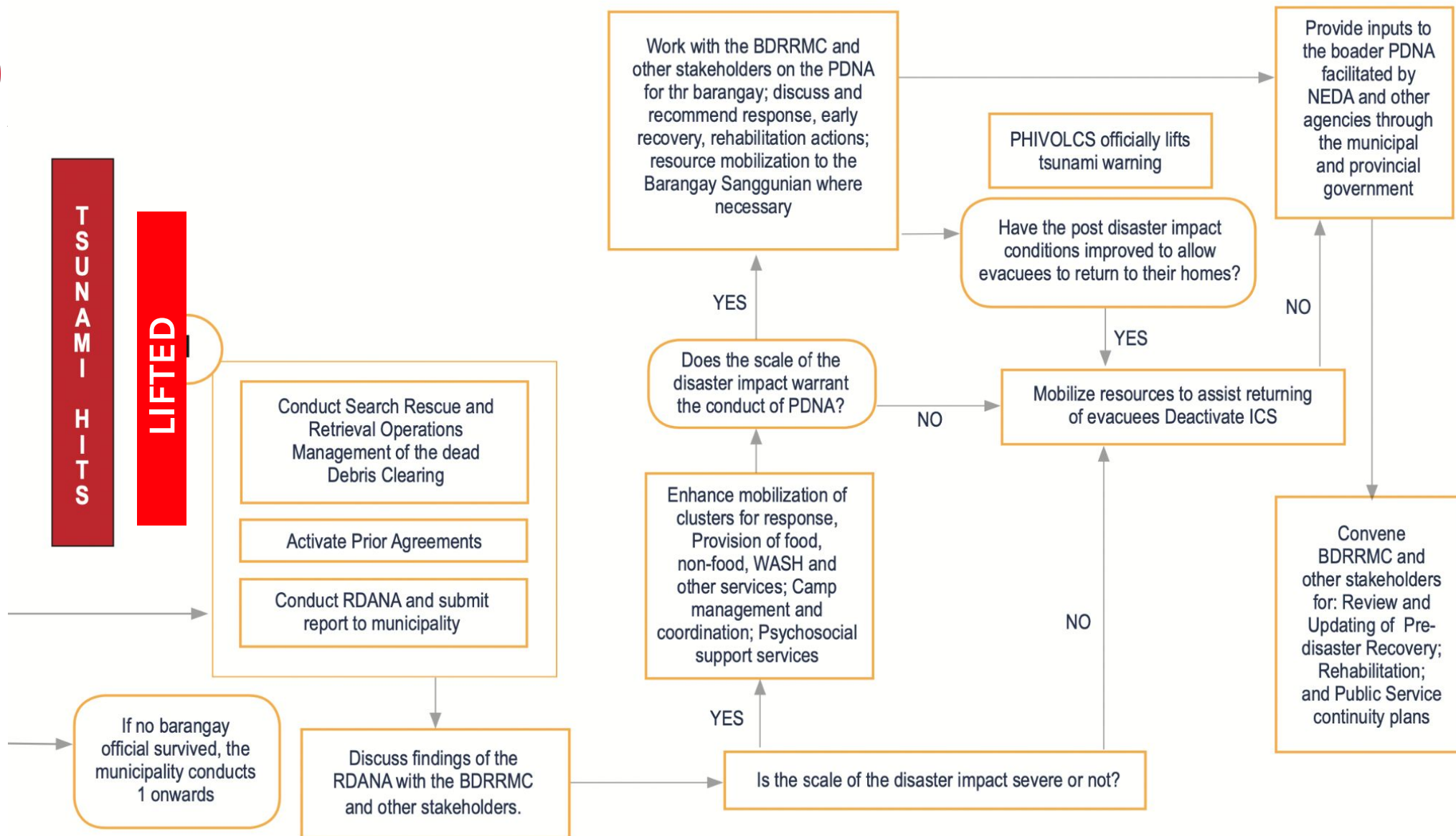
Barangay officials assist the residents with their needs in the evacuation area

Barangay Tanods keep residents from going back home and areas near the shore until tsunami warning is lifted

Mobilization of clusters for response, Provision of food, non-food, WASH and other services; Camp management and coordination; Psychosocial support services

TSUNAMI
HITS

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Early Recovery

- ❑ Review of Local Plans
- ❑ Nature-based Solutions
- ❑ Exploring Resettlement
- ❑ Public Awareness



17 August 2016, Hinatuan, Surigao del Sur.
Barangay-wide community drill.

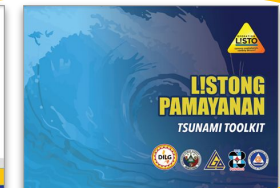
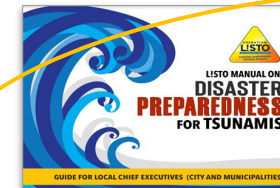
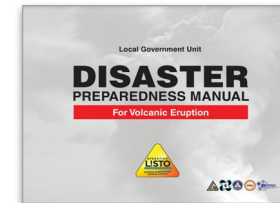
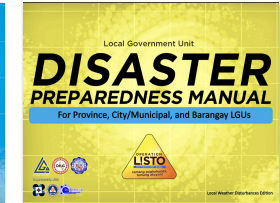


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On Using the Manuals

- ❑ For periodic inward **evaluation** and reference for **planning** during peacetime
- ❑ For **critical action** upon warning of science agencies, as **monitored** by DILG
- ❑ For **reference** of elected officials and non-technical personnel





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On Facilitating Wider Use of Manuals

- ✓ Shifted away from manual-specific learning activities in 2023 and organized **98 trainers** on 2023
- ✓ **300 LGUs** across all regions trained on all manuals on 2023, increased coverage by close to **90%** of LGUs in 2024
- ✓ Embedded in other advocacy work at various degrees (e.g., Newly-Elected Officials Orientation in 2019 and 2022, 3R Campaign of DOST-PHIVOLCS in 2023, Project #MAGHANDA of DOST-PAGASA in 2022, etc.)



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Summary & Ways Forward

1. **Operation L!STO** is a broader capacity development program, with hazard-specific manuals as need-to-lists and codified actions.
2. Preparedness needs to evolve to address **complex, cascading**, and **co-located** hazards.
3. Preparedness hinges on meaningful participation of **barangays, civil society**, and **vulnerable groups**.



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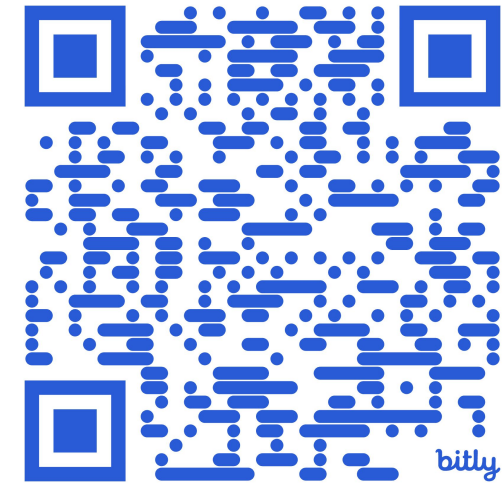


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Operation L!STO: Knowledge Products

Kien Develos (kien.develos@lga.gov.ph)
Local Government Academy (Philippines) (lga.gov.ph)



bit.ly/LGA-ListoProtocols-2023