

Sri Lanka

Floods and Landslides

May 2016

Post-Disaster Needs Assessment





SRI LANKA







Temple of the Truth in Kandy



Royal Botanical Garden in Peradeniya



Nilaweli Beach in Trincomalee



Tea Estate in Nuwara Eliya

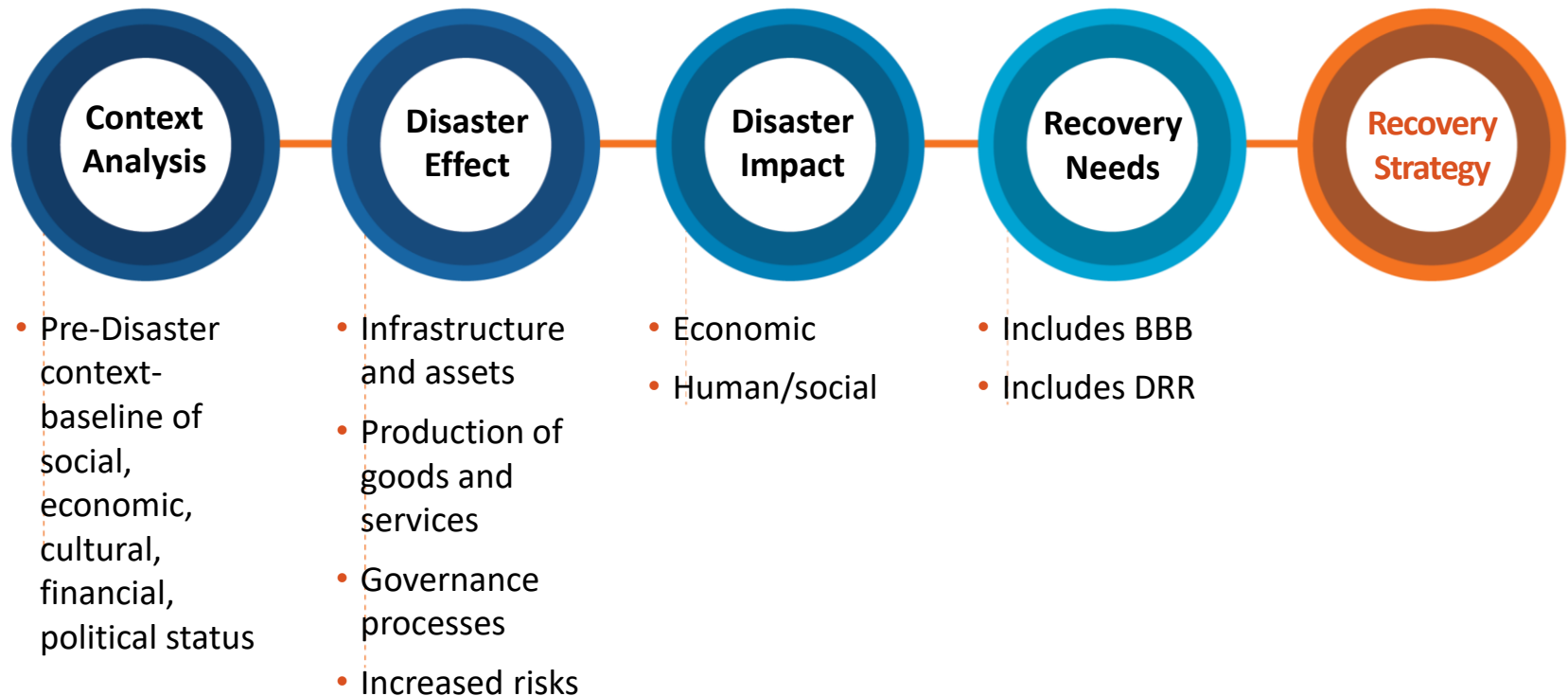
Background of PDNA

- **Process was led by**
 - **Ministry of Disaster Management**
 - **Ministry of National Policies and Economic Affairs**
- **Assisted by the World Bank, European Union and EU**
- **11 UN agencies**
- **39 Government Ministries and Departments**
- **Chamber of Commerce**

PDNA methodology

- **The European Union, the World Bank and the UN system jointly developed the PDNA methodology**
- **Internationally recognised and standardised mechanism, used after large disasters**
- **The PDNA is a government-led exercise**

PDNA METHODOLOGY



This method of analysis is undertaken for each sector of interest.

PDNA sectors for Sri Lanka

| Sector category | Sector |
|------------------------|------------------------------------------------------|
| Social Sectors | Housing, Land and Settlements |
| | Health and Nutrition |
| | Education |
| Productive Sectors | Food Security, Agriculture, Livestock, and Fisheries |
| | Industry and Commerce |
| Infrastructure Sectors | Irrigation |
| | Water and Sanitation |
| | Transport |
| | Power Supply |
| Cross Cutting Issues | Environment |
| | Disaster Risk Reduction |
| | Gender and Social Inclusion |
| | Employment and Livelihoods |

Geographical Area

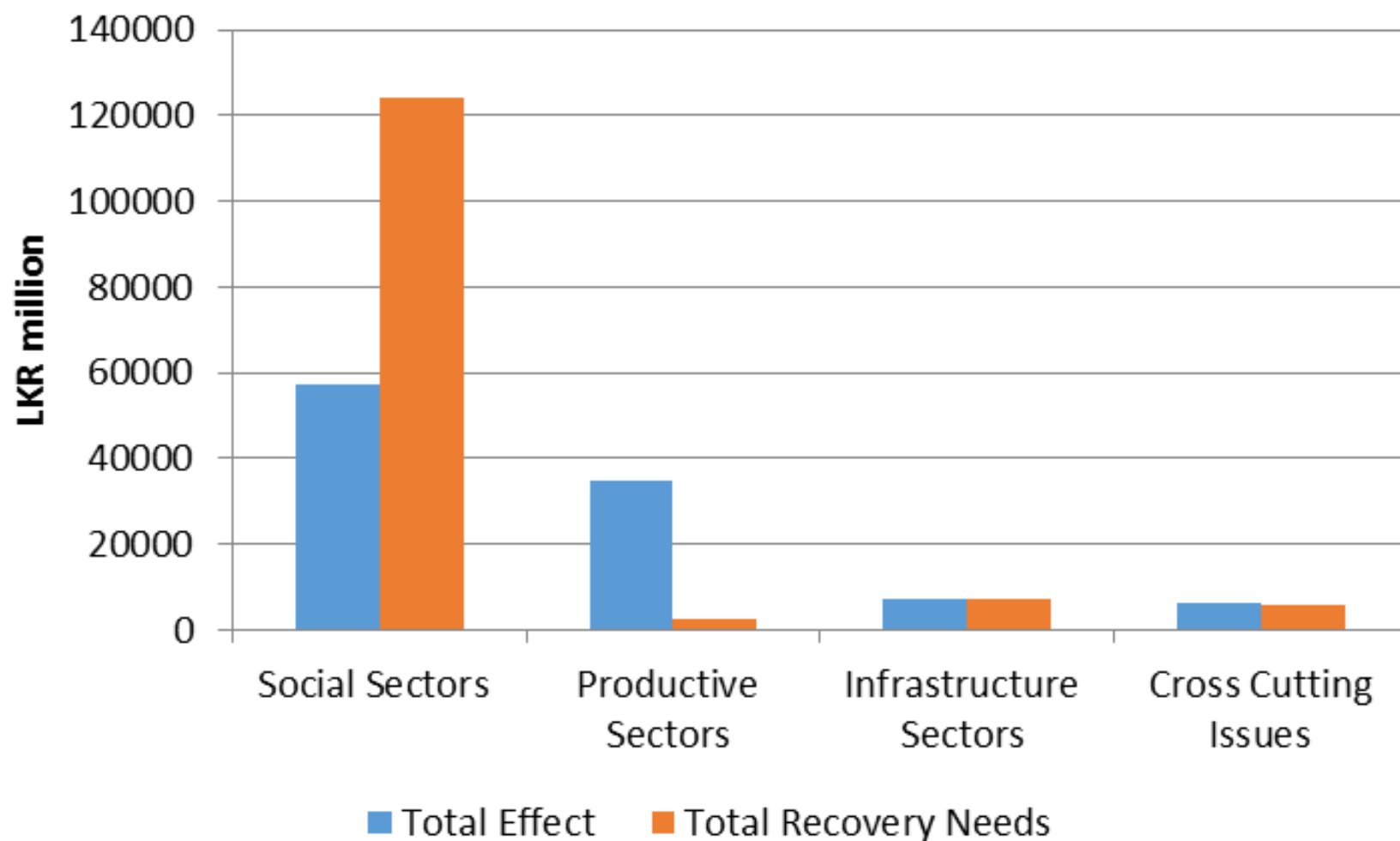
Mainly focused on:

- **Colombo**
- **Gampaha**
- **Anuradhapura**
- **Puttalam**
- **Kegalle**
- **Ratnapura**

Total Disaster Effects

| Damages and Losses | Amount |
|-----------------------------|------------|
| Damages (million LKR) | LKR 87,028 |
| Losses (million LKR) | LKR 12,816 |
| Total Effect (million LKR) | LKR 99,844 |
| Total Effect (million US\$) | USD 688 |

Sector-wise Effects and Recovery Needs

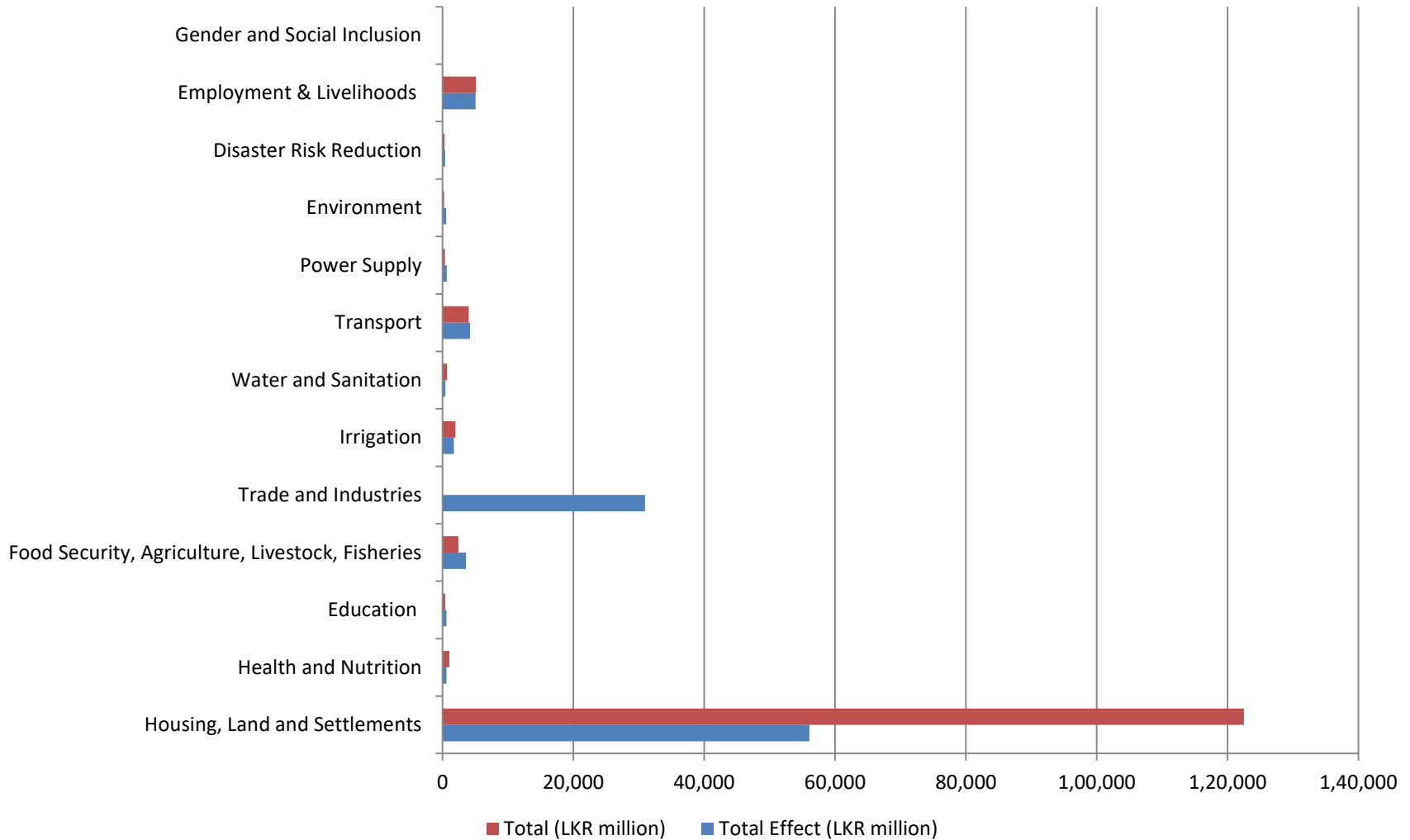


Estimated Disaster Effect

| Sectors | Damages (LKR Mn) | Losses (LKR Mn) | Total Effect (LKR Mn) | Total Effect (Mn US\$) |
|---------------------------|---------------------|--------------------|--------------------------|---------------------------|
| Social | 56,826 | 472 | 57,298 | 395.16 |
| Productive | 23,594 | 10,972 | 34,565 | 238.38 |
| Infrastructure Sectors | 6,441 | 574 | 7,015 | 48.38 |
| Cross Cutting Issues | 167 | 797 | 964 | 6.65 |

All values in millions rounded to the nearest whole number

Estimates of effects and recovery needs



Estimated Recovery Needs

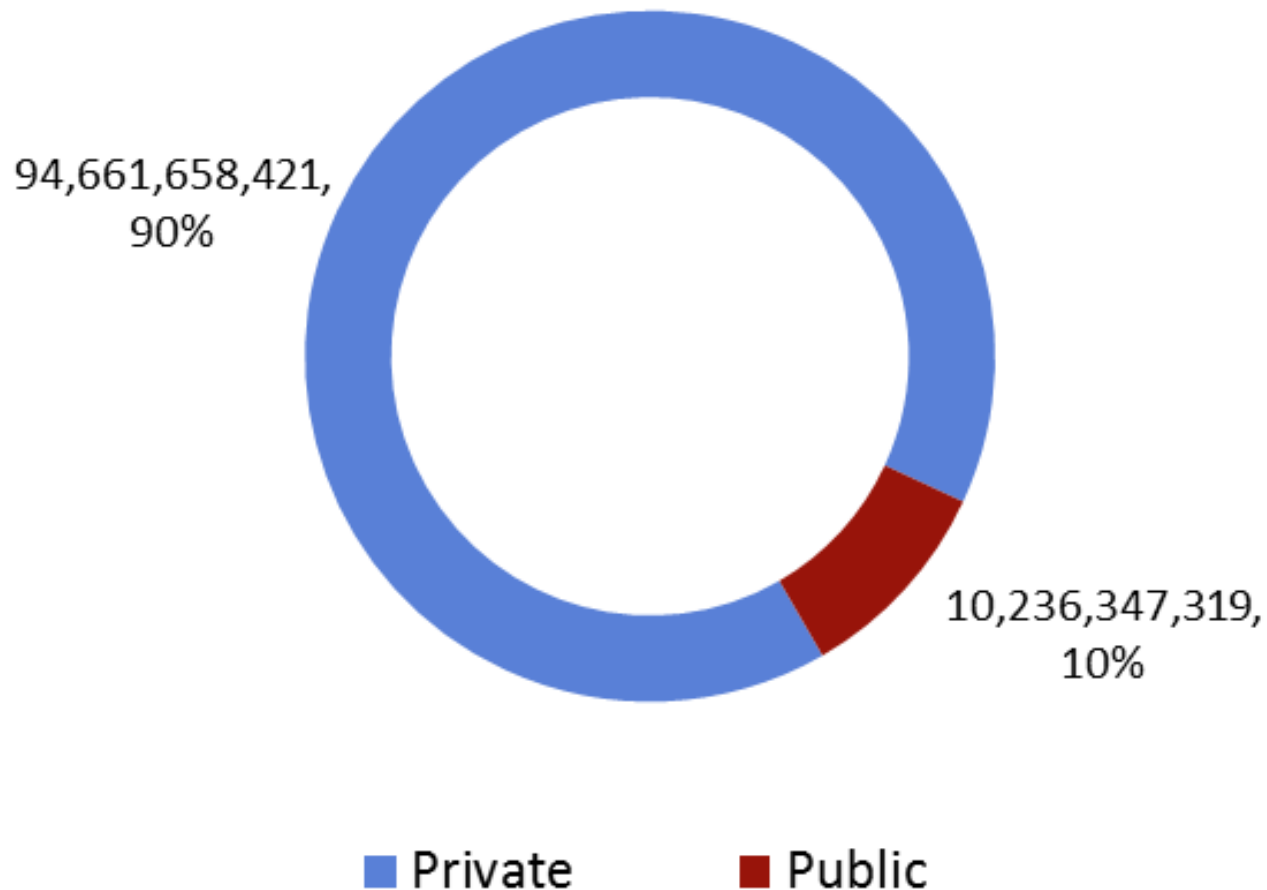
| Sectors | Short-term (LKR) | Medium-term (LKR) | Long-term (LKR) | Total (LKR) | Total (US\$) |
|-------------------------|---------------------|----------------------|--------------------|----------------|-----------------|
| Social | 624 | 29,519 | 93,796 | 123,939 | 854.75 |
| Productive | 396 | 1,524 | 519 | 2,439 | 16.82 |
| Infrastructure | 4,059 | 852 | 2,079 | 6,990 | 48.21 |
| Cross Cutting Issues | 1,602 | 3,449 | 649 | 5,700 | 39.31 |

All values in millions rounded to the nearest whole number

Total Disaster Needs

| Recovery needs | Amount (in millions) |
|-------------------------|----------------------|
| Short-term, end of 2016 | LKR 6,681 |
| Medium, 2017 | LKR 35,344 |
| Long-term, 2018-2020 | LKR 97,042 |
| Total (LKR) | LKR 139,067 |
| Total (US\$) | USD 959 |

Public-Private division of damages and losses



Interventions made by the MDM so far...

- Government has activated CAT-DDO full amount, US\$ 101.54 Mn has been withdrawn
- A proposal has already been submitted to relocate about 5000 houses in landslide prone areas based on NBRO recommendations
- Housing damage assessments were done, and finances released to affected people as housing damage compensation
- Every affected household was given Rs. 25,000.00 to cover the damages caused to furniture and equipment
- Assessments currently underway to assess the damage caused to small and micro businesses and to provide compensation up to Rs. 2.5 Mn

Relevance of PDNA in drought risk reduction

- The PDNA proposes short, medium and long-term recovery and risk reduction needs
- Most of the long-term recommendations are valid for overall disaster risk reduction of the country
- Damages and losses caused by the May 2016 floods have direct implications on the on-going drought situation, so the medium and long term recovery needs of the PDNA should be given due consideration

Thank you