

HCL

HCL FOUNDATION

Transforming Lives Spreading Smiles



HCL FOUNDATION

HCL UDAY

**BEST PRACTICES AWARD
PARTNERING FOR CHANGE 2020
THEMATIC AREA: ENVIRONMENT**



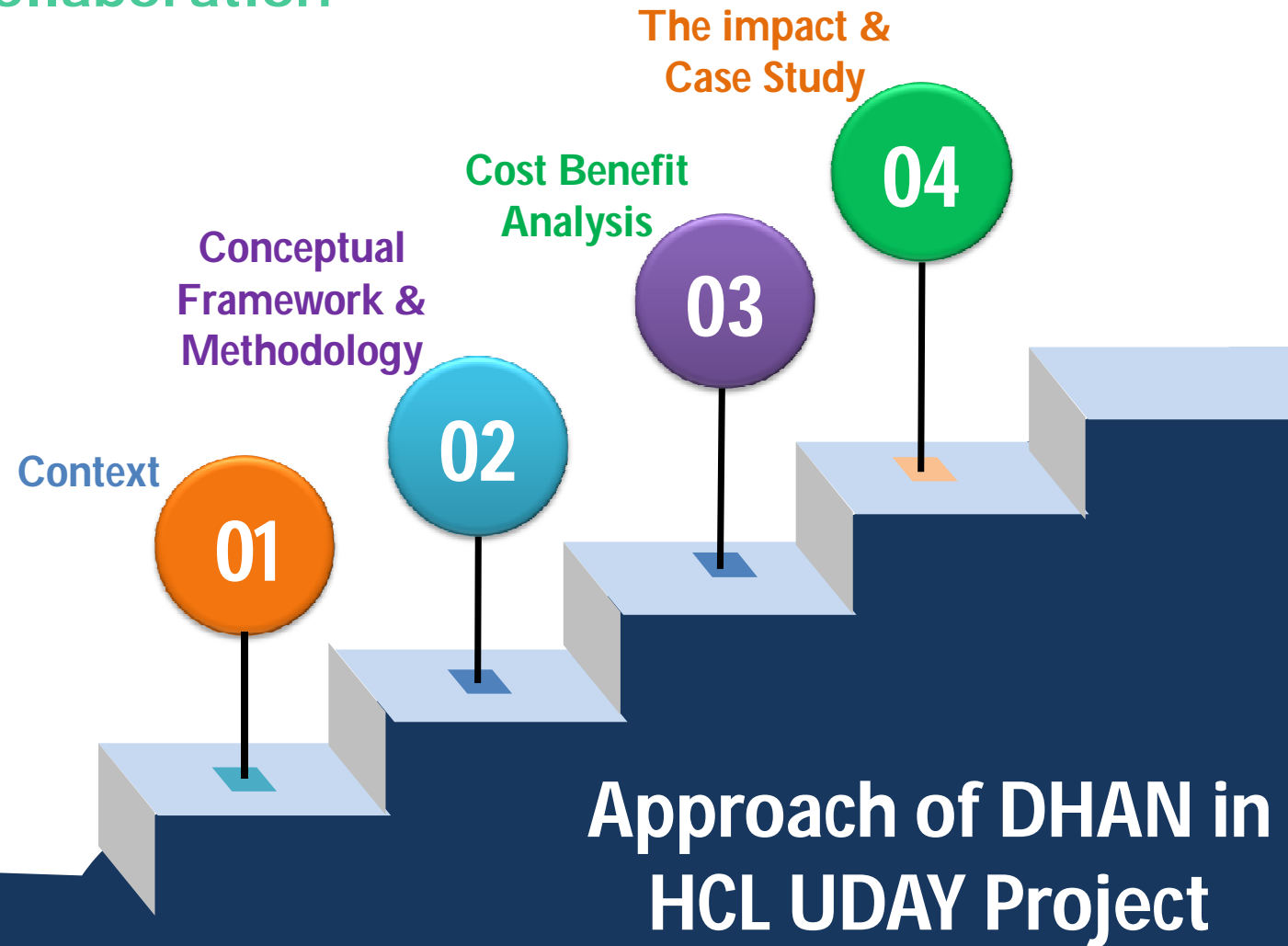
NGO NAME: DHAN Foundation

TITLE: REVITALISING VANDIYUR LAKE (TANK) CASCADE (REVIVAL)

LOCATION: MADURAI

PROJECT PERIOD: Oct 2018- March 2020

HCL UDAY– DHAN Collaboration



Lost and Destroyed

- ✓ Relationship between community and water bodies
- ✓ Blue Green Infrastructure
- ✓ Ownership over the waterbodies

More than 50% loss of water bodies has been lost/destroyed in Madurai Urban

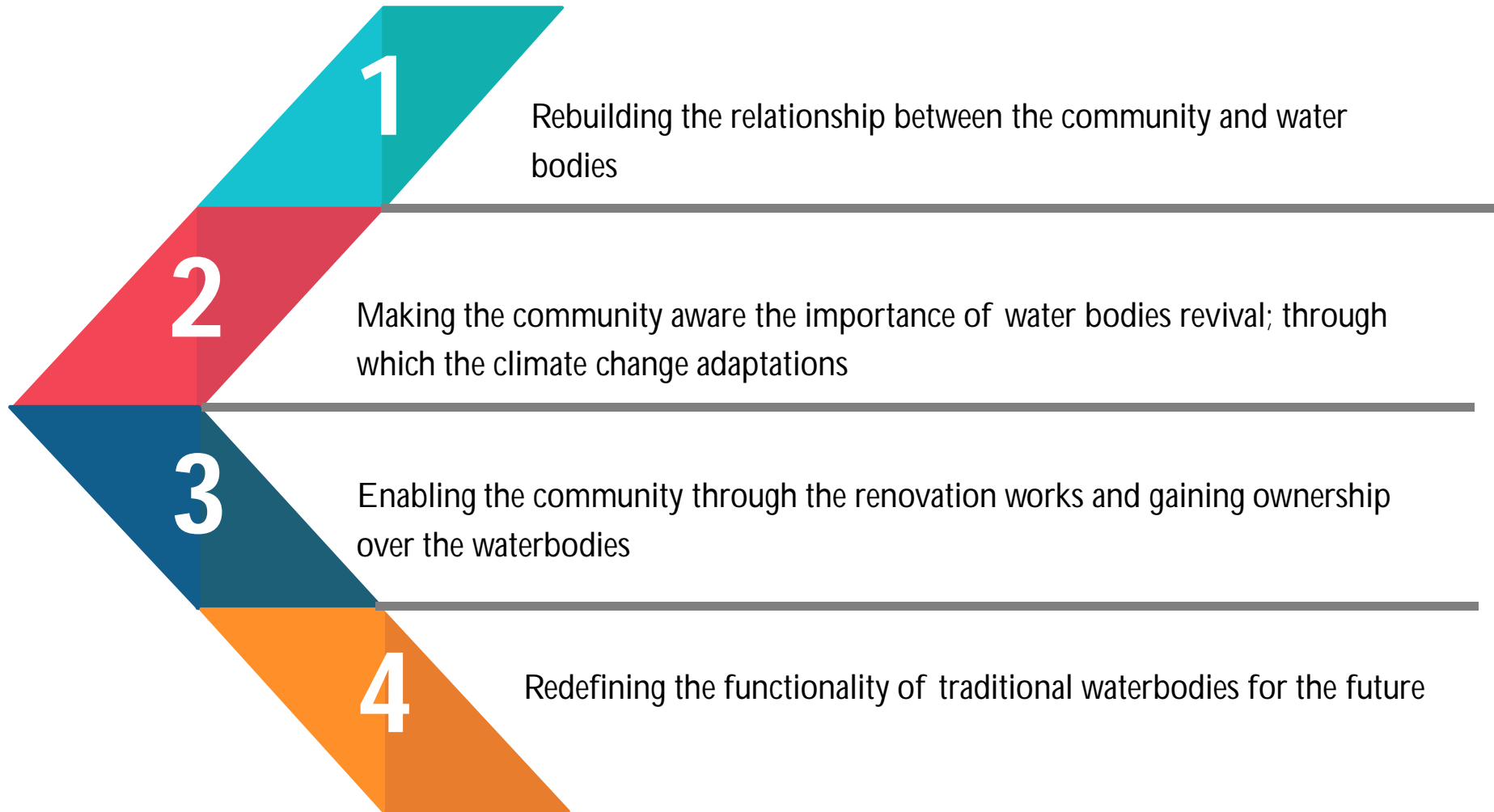


- ✓ Using water from Corporation and Private agencies
- ✓ Flash floods and Water Stress
- ✓ Encroachments and Land Use Conversion

Increased Imbalance in the ecosystem; affecting flora and fauna

Increased

CONCEPTUAL FRAMEWORK





PALM: To understand the past and present relationship between community and waterbodies



EPA: To rebuild the relationship between community and water bodies



Building social capital and capacity building through formation of water body restoration association



Enabling through 'Water body restoration'



Defining the future functionality of 'traditional Waterbody', co-designing and working towards implementation of the same

COST BENEFIT ANALYSIS

Investment Details:

1. Human Resource- PALM, FGDs, Association Meetings, Wetland Walks, Tank Festivals
2. Financial Investment- Waterbodies restoration activities

Feasibility:

1. Entry point activities are diversified with the context – Wetland Walk, PALM, Tank Festival
2. Small success motivates to work towards bigger initiatives
3. Scaling up through success

Social Return

1. Financial leverages from other sources (20-50%)
2. Community Contribution (10-25%)
3. Waterbodies are functional after 3-10 years
4. Greening in the bunds and ecosystem restoration
5. From nuisance to new sense
6. Building enabled Social Capital

Before

- ✓ Dysfunctional waterbodies, loss in relationship and ownership
- ✓ Lack of 'water literacy' among younger generation
- ✓ Loss of blue- green infrastructure



HCLU DAY works in Urban water bodies



- ✓ Restored into functional waterbodies as an ecosystem
- ✓ Improved accessibility for deprived communities
- ✓ Empowering and enabling through the restoration process

After

CASE STUDY

Location: Kulamangalam, Vandiyur Tank Cascade, Madurai

Waterbody restored: Kulamangalam Oorani (Pond)

Association Promoted: Kulamangalam Waterbody Protection Vayalagam

Activities carried out: Desilting and bund strengthening, feeder channel repair, fencing and Greening

HCLF Uday Contribution:

- | | |
|--------------------------|----------------|
| 1. Entry point activity: | Rs. 23,851 |
| 2. Restoration: | Rs. 1.43 lakhs |

Community Contribution: Rs.15,000

Leverages from other sources: Rs. 73,000

Current functionality: Domestic, livestock and ritual water demands of 500+ households

Functional after: 5 years

Positives: Social capital, emerging young community leaders, motivated to take over tank restoration, blue green recreational space for the communities



THANK YOU!