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Shelter and Settlement Recovery Impact Evaluation

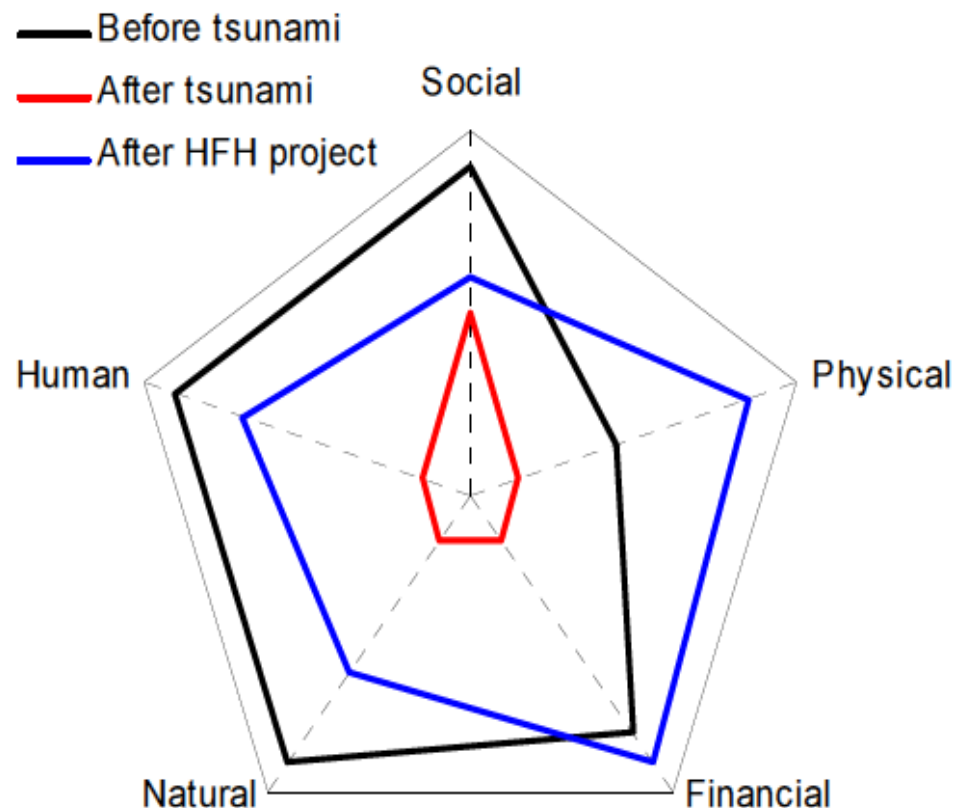
- Purpose
- Scope
- Formats
- Ownership
- Method / data

Global Shelter Cluster endorsed project

Why Measure Shelter Impact ?

Shelter Impact Score

- Measure contribution to long term impact
- Divided by livelihood sector



Example .
Arup (2010) HFH post-tsunami sustainability assessments
V. Maynard, sm10a, <http://sheltercentre.org/node/26669>

Are we able to learn from evaluations?

Examples :

- Pakistan
- Dolo Ado

Too complex to set standards?

- Regional norms?
- Use best practises?



Purpose

Overall Aim:

Contribute to improved housing and living conditions for people with shelter needs after disaster or conflict.

Purpose

Gaps:

- Shelter support investments not optimal for long term solutions. (phase 1 tool)
- Shelter evaluations lack coherent indicators for long term impact. , hampering learning and development of guidance and standards (phase 2 tool)
- Self assisted recovery not supported by guidance, coordination, plans and legal frames. (phase 3 tool)

Specific Purpose

The tools shall:

- **measure impact** and evaluate the relevance of shelter and settlement programs with focus on their ability to provide **permanent housing and settlement solutions** and their effect on the **overall recovery process**
- secure that the initial emergency assistance is considering the **smooth transition** to medium and long term solutions.

Scope : Both Wide and Selective

Wide

- Shelter and Settlement wider aspects
- Real time data collection and post program evaluation
- Sector wide: Agencies, The unassisted, Governments

Selective

- Reconstruction and permanent solutions
- Focus on long term impact
- Focus on feedback to improve programs

Specific Scope and Phases

Phase 1 Tool

- Real time data collection
- Single project score on including long term aspects
- Local cluster strategies for transition to permanent solutions
- Feed back to program revision

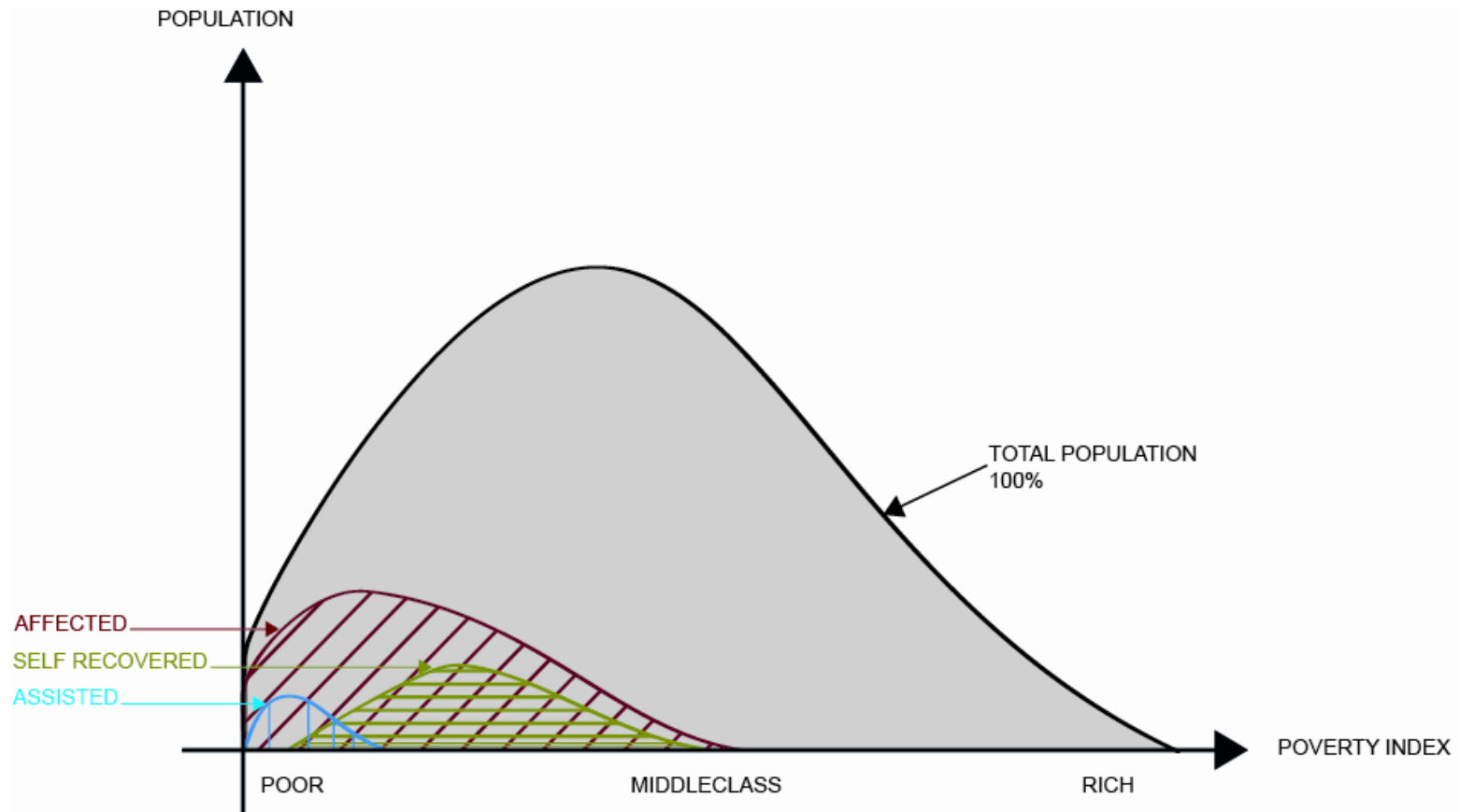
Phase 2 Tool

- Post assistance evaluation of impact on recovery
- Documented verification of impacts
- Collective shelter delivery for overall recovery impact
- Feedback to Policy making and learning

Self Recovery

Phase 3:

Analyze effect of aid delivery compared to self recovery



Self Recovery

Phase 3:

“..when you get to the disaster site you will find that there will have been a gross exaggeration of damage and dislocation, and a massive underestimate of local resources to tackle their emerging problems”

HENRY QUARANTELLI 1973

Tool Application

Impact related data from all stages

- Day 1
- Mid term
- Final result
- Late Impact



Need Assessment	Programming	Monitoring	Reporting	Long term Impact Evaluation
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Timeline

1. Regard Shelter as a seamless continuum from pre-disaster, through to disaster sheltering, to full reconstruction

Modality

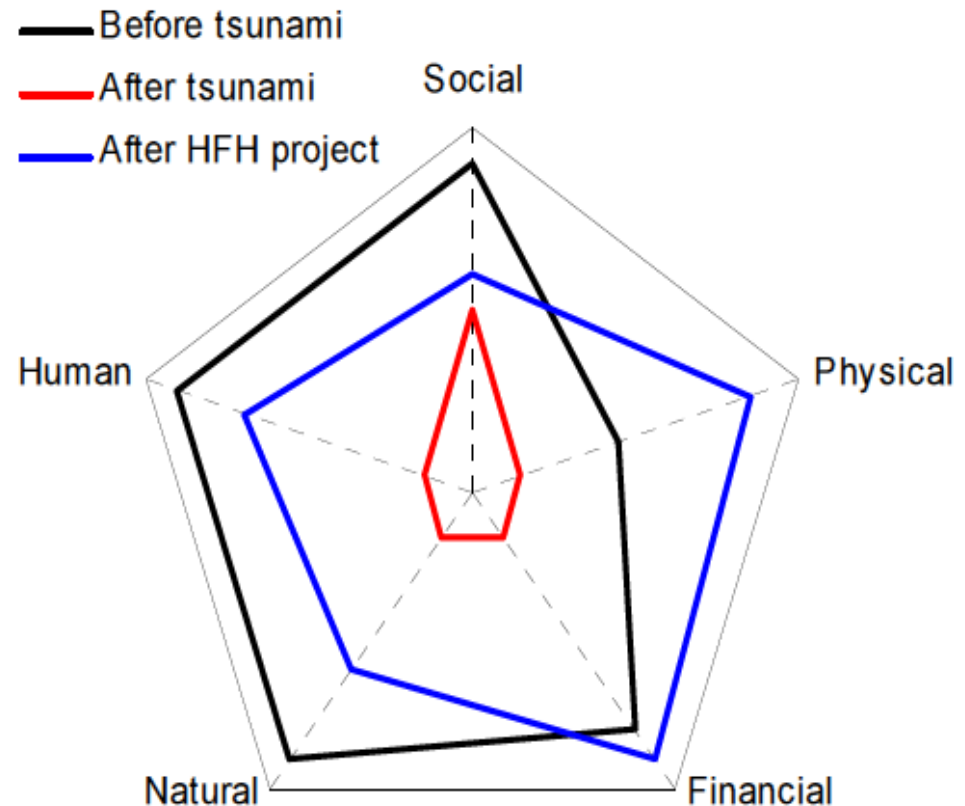
- **Database :**
 - reports, statistics, trends, comparison
- **Coherent Formats :**
 - data collection, questionnaires
- **Standard Indicators :**
 - definitions, collection methods
- **Performance Standards :**
 - impact score, coverage targets
- **Tool Modules :**
 - adaptable, integration in other tools

Score feedback- Shelter and Livelihood

Impact Score

Adaptable analytic tool for long term impact:

- In various contexts
- At various stages of implementation



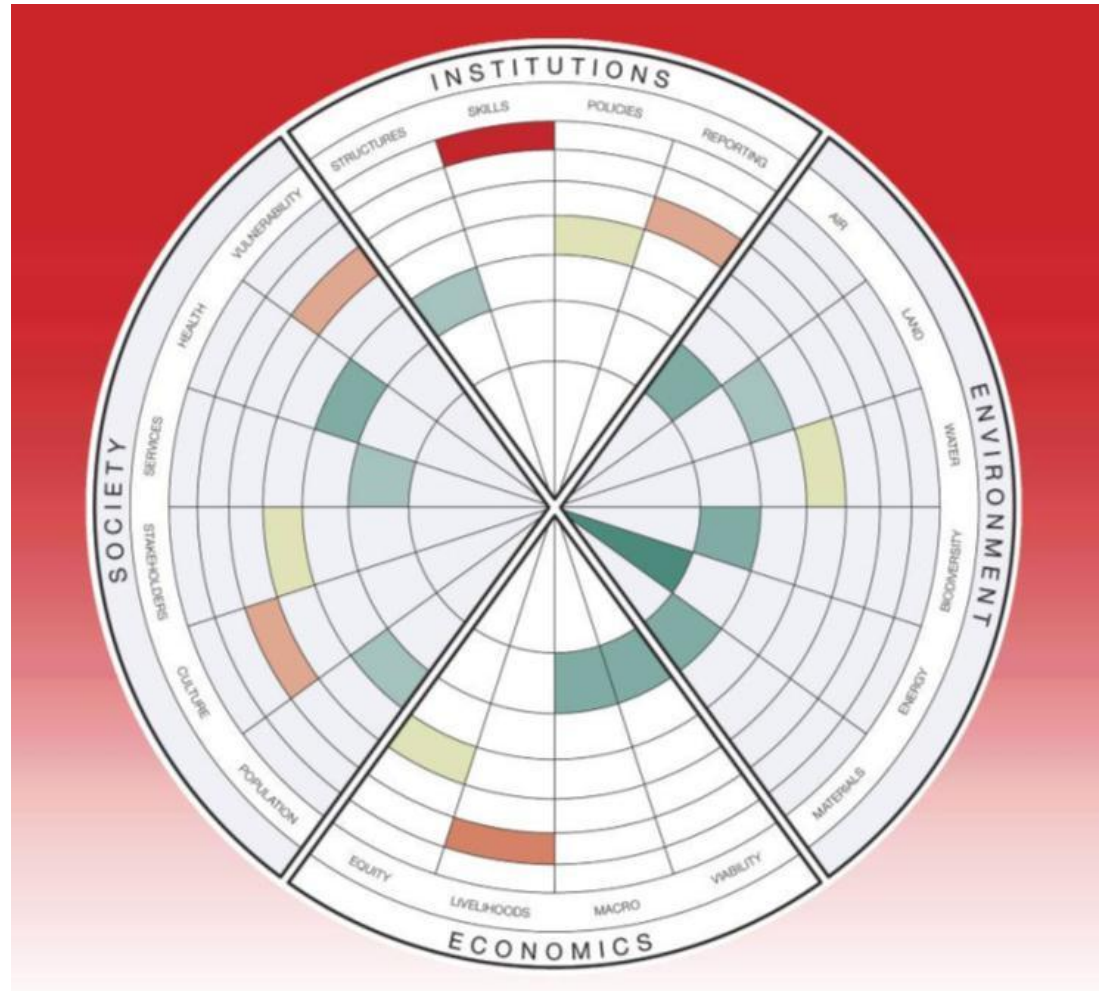
Shelter programmes build assets:
Arup (2010) HFH post-tsunami sustainability assessments

Score feedback- Shelter and livelihood

ARUP Aspire tool

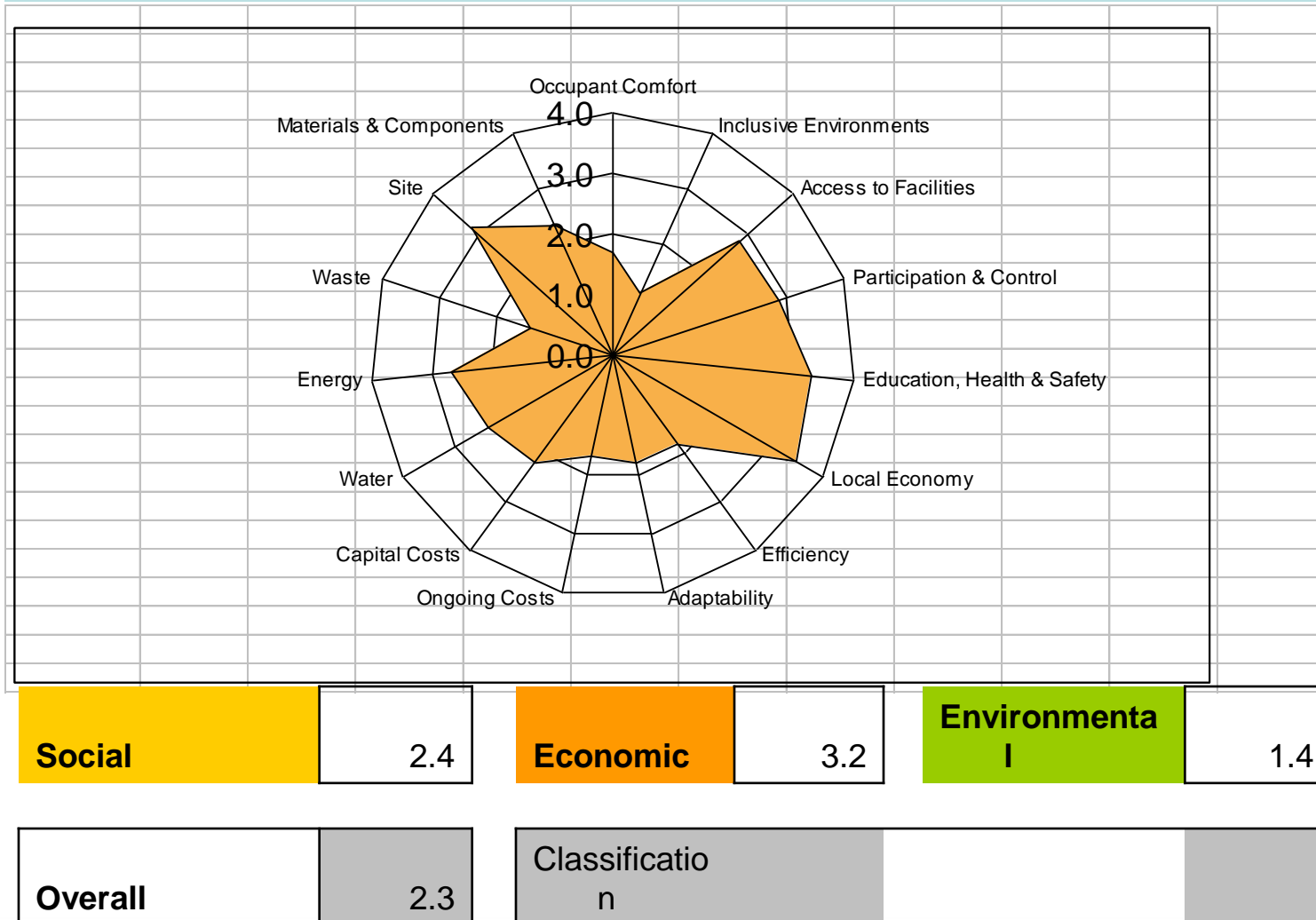
Analytic matrix for:

- Sectors /sub sectors
- Levels: family to national
- Score report: red to green



Score feedback- Settlement Impact

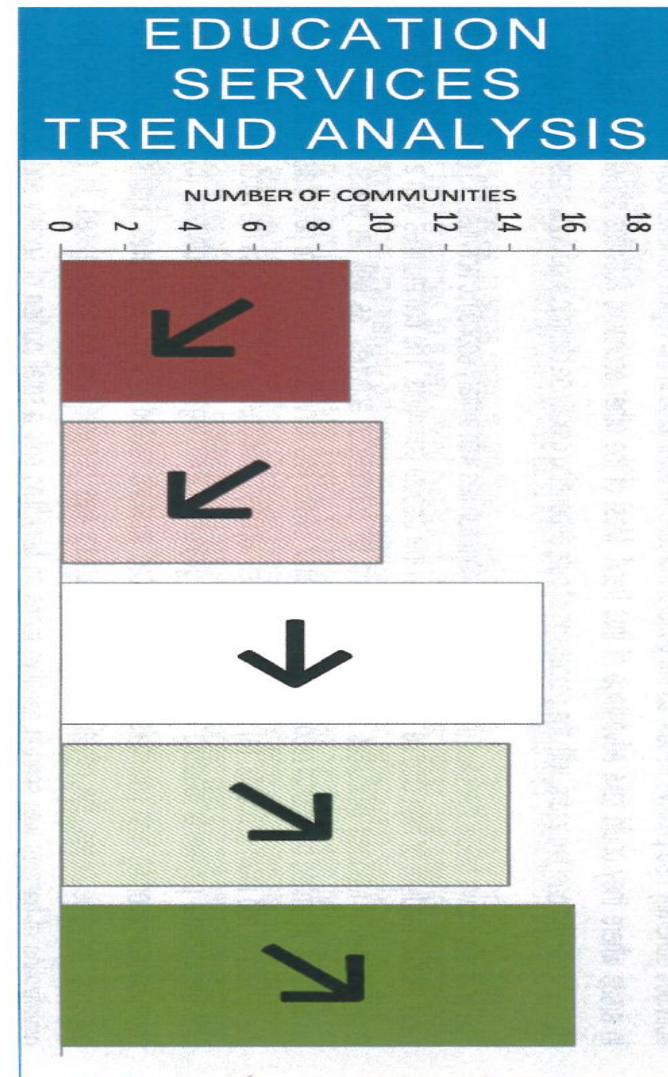
Example: SBAT, Sustainable Building Assessment Tool



Feedback to Strategy Development


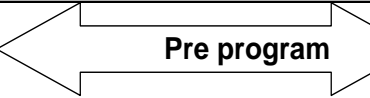
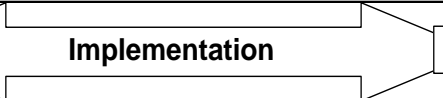
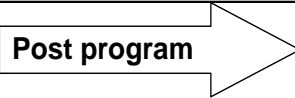
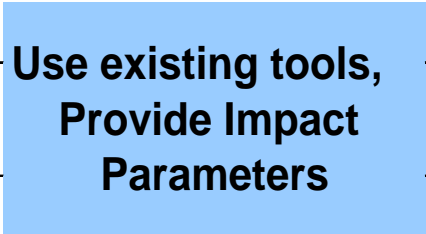


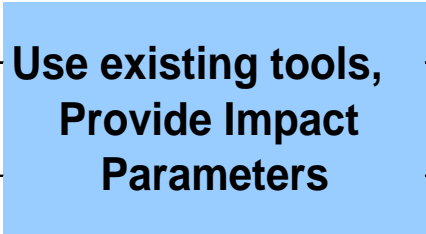
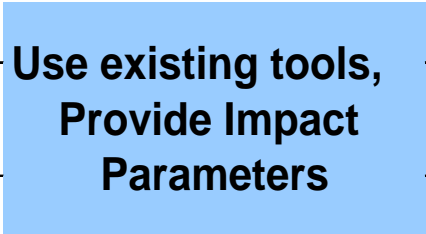
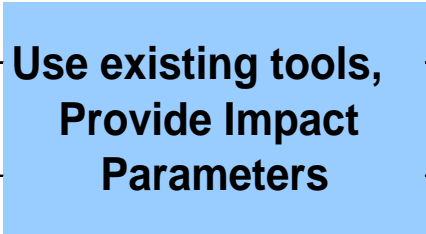
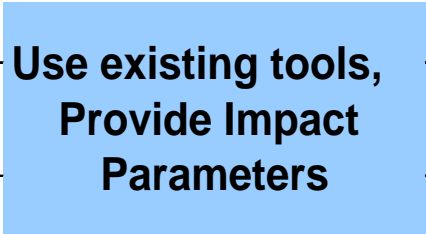
Example **REACH**

- Informing planning
- Provide standards and targets (when green, when red?)







How to Measure Shelter Impact ?

Data collection Matrix :

Shelter and Related Sectors Long Term Impact Indicators Data Collection											
 Disaster		 Pre program			 Implementation			 Post program			
Tool level / Sector / Topic		Needs assessments			Program ming	M&E	Impact Assessment		Impact Evaluation	Recovery Aim	
		Context Data	Baseline (pre disaster)	Loss- Needs Assessment	Program Cycle	Monitoring	Mid term Review	Final Results	Long term Impact Evaluation	Impact target	
Physical	Housing										
	NFIs										
	Settlements										
	Infrastructure										
	Services										
Financial	Livelihoods										
	Macro Economy,										
Social	Institutional										
	HLP										
Human	Psycho - Social										
	Health										
Natural	Environment										
	Natural resources										

Use existing tools,
Provide Impact
Parameters

Data needed to Measure Shelter Impact

Shelter and Related Sectors Long Term Impact Indicators Data Collection													
			 Disaster	 Pre program			 Implementation			 Post program			
Livelihood	Sector, Topic			Needs assessments			M&E	New Tool, Phase1 Impact Assessment		New Tool, Phase 2 Impact Evaluation		Recovery Aim	
			Context Data	Baseline (pre disaster)	Loss-Needs Assessment	Program targets, Monitoring	Mid term Review	Final Results	Sector Evaluation	Long term Impact Evaluation	Impact target		
Physical	Housing , NFIs	Numbers and space											
		Condition, standard, design, value											
		Installations, WASH, Power											
		Structural quality, durability, maintenance											
		NFI, Value											
		Other,											
	Settlements	Plots, Total no, size											
		Total area settlement											
		Communal area											
		Area Planning											
		Guidance, advocacy											
		Other											
Services, Infrastructure	WASH, waste												
	Infrastructure power												
	Infrastructure access												
	Education												
	Cultural /social facilities												
	Local authority services												
Financial	Economy, livelihoods	Other											
		Family Income, food security											
		Assets, land											
		Household Economics											
		Macro economy, Other,											
Social	Institutional, HLP												
		Land ownership											
		Secure tenure											
		Legal system											
		Accountability											
		Gender, special groups											
Human	Psycho - Social	Other											
		Integration, acceptance											
		Empowerment											
		Family / social structures											
		Culture											
		Risk, safety, conflict, Do No Harm											
	Health	Other											
		Physical protection, illness											
		Disabilities											
		Health services											
		Hygiene awareness											
		Other											
Natural	Environment -resources	Energy, renewable											
		Forest, erosion											
		Ground water level											
		Water pollution											
		Waste											
		Other											

Data needed to Measure Shelter Impact

Example: Impact on HLP issues

Institutional Sectors: Long Term Impact Indicators Data Collection											
Livelihood	Sector, Topic		Needs assessments			M&E	Impact Assessment Phase1		Impact Evaluation Phase 2		Recovery Aim
			Context Data	Baseline (pre disaster)	Loss-Needs Assessment		Program targets, Monitoring	Mid term Review	Final Results	Sector Evaluation	Long term Impact Evaluation
Social	Institutional, HLP	Land ownership	Structure , opportunities	% own land	Loss - need			Nos: documents provided		less land conflict	Stable ownership, Investments
		Secure tenure	Landless, tenants rights	Deed, cadastre, contracts	Loss of rights, compensation						Safe tenure regulations
		Legal system	Capacity	Court functions, equal access	Lost documentation system collapse						Capacity and access for all groups
		Accountability	Transparency, corruption	Corruption level, complaints	Control structure collapse	Participation	Beneficiary selection	Complaint system			Redused corruption level
		Gender, special groups	Equity Practices	Vulnerable groups	Special support, advocacy need					Stable tenure for women	Recognition and effort to integrate special groups
		Other									

Ownership – maintenance - users

Integration:

Main interlinked processes, methods, guidelines

SPHERE	Rapid Shelter Assessment
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IMPACT	REACH, Informing more effective humanitarian action
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Shelter Cluster	Evaluation of the Haiti Earthquake
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IFRC	Owner driven housing reconstruction guidelines
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Shelter Cluster	Shelter Cluster Indicator Guidelines
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IFRC	Sustainable Reconstruction in Urban Areas
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UNHABITAT	Peoples Process in Post Disaster, conflict, recovery and reconstruction
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UNHABITAT	PDNA, Guidance Note on Recovery, shelter
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WB	Safer Homes, Stronger Communities
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CARE	Shelter Accountability Resources
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HFH/University College London (UCL)	How does shelter assistance provided affect the short-term recovery and long-term resilience of communities affected by disaster?
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HAP	HAP Baseline Analysis
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Ownership – maintenance - users

- Global Shelter Cluster
- SPHERE
- ALNAP
- OCHA
- Implementers





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