Connectivity, Clean Energy & Sustainability in CCCM Working group

Sustainability & Environmental Concerns in Displacement Sites

Energy in Humanitarian settings

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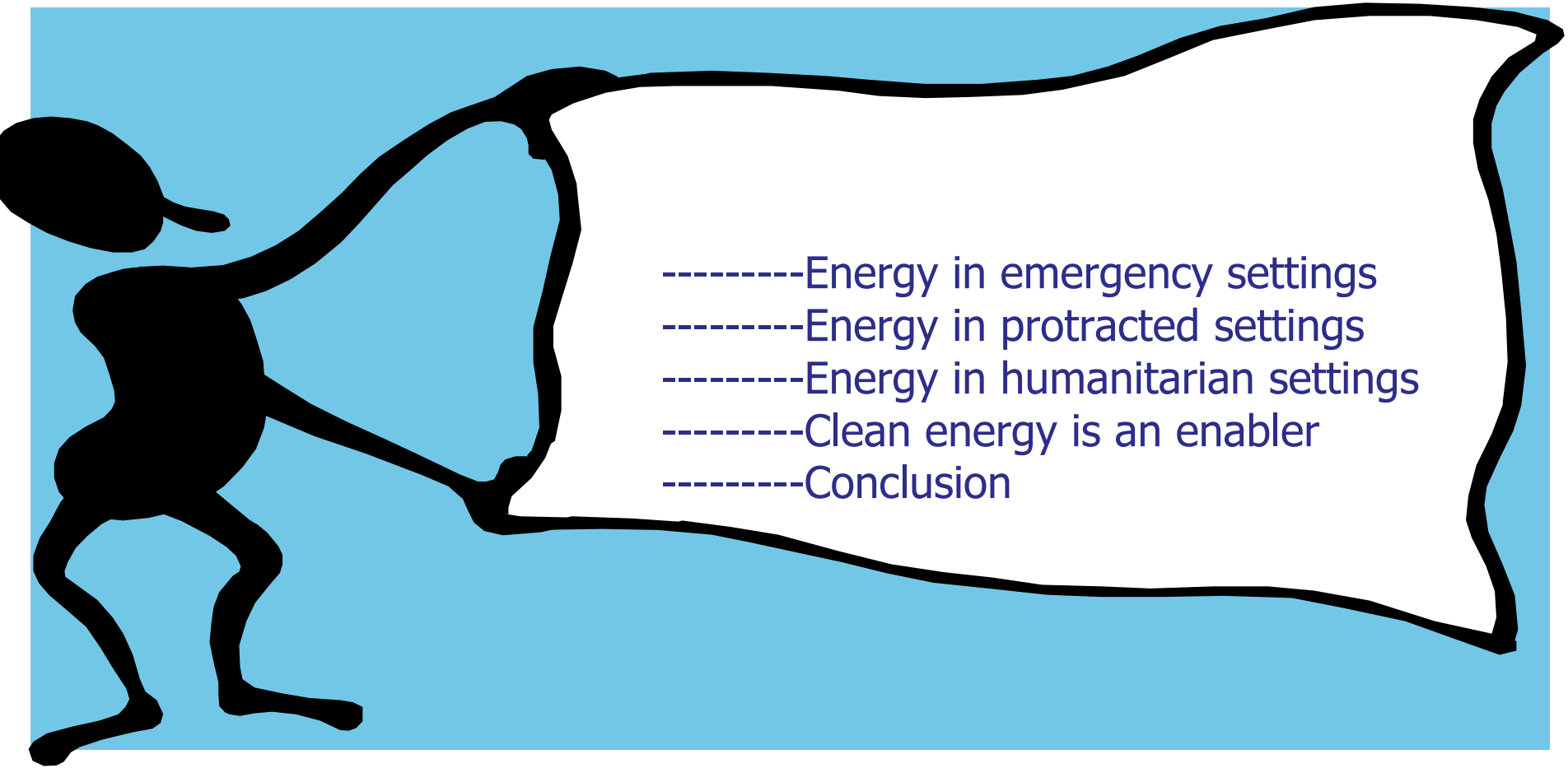

---------Energy in emergency settings
---------Energy in protracted settings
---------Energy in humanitarian settings
---------Clean energy is an enabler
---------Conclusion

Energy in emergence settings

- The Policy on Emergency Preparedness and Response (the Policy) states that early investment in preparedness is critical to paving the way for an effective response to emergencies when they eventually occur.

✓ Preparedness includes: a context analysis, planning, gap identification, training and capacity building, partnership development and coordination, and perhaps resource pre-positioning.

✓ At present, UNHCR uses an organic computer database entitled “High Alert List for Emergency Preparedness (HALEP)” to track early warning and monitor preparedness.

✓ DESS is tasked to manage, monitor the database, and (as per its second line of defense duties) inform operations, Buraeu and Divisions for operations which are either not activated or is considered under-prepared.

Energy in protracted settings

- The operations management cycle is the process whereby a UNHCR office organizes its programming.
- "From Assessment to Investment: A Guide to Creating a Pipeline of Clean Energy Access Projects in Situations of Displacement" ,
- A guide to designing a protection-sensitive cooking project in a situation of displacement
- A guide to designing a protection-sensitive lighting project in a situation of displacement

✓ Energy programing currently being mainstreamed in to new holistic and integrated approaches recognizing that energy is an enabler and crosscutting.

While conceptually the cycle operates in a sequential fashion (assessment → planning → implementation → monitoring → reporting → auditing → evaluation), in reality certain phases often take place simultaneously (e.g. assessment and implementation) or repeatedly (e.g. monitoring throughout the year, reporting at mid-year and year end) depending on the situation and the operational realities

IRENA led preliminary Energy needs assessments and supply options analysis for Ethiopia (Darashakran and Domiz camps) and Iraq (Sherkole and Tsore camps). These assessments fully articulate energy needs and potential interventions on energy efficiency and renewable energy.

-Efergy E2 monitor installed in a distribution box

IKEA Foundation has funded a 10M EUR Renewable Energy for Refugees (RE4R) project that is being implemented in Jordan and Rwanda, in partnership with Practical Action (a UK based NGO) and NRC. The project aims to improve access to electricity for households, public institutions as well as communal places and promoting clean cooking solutions, through innovative marked-based approaches.

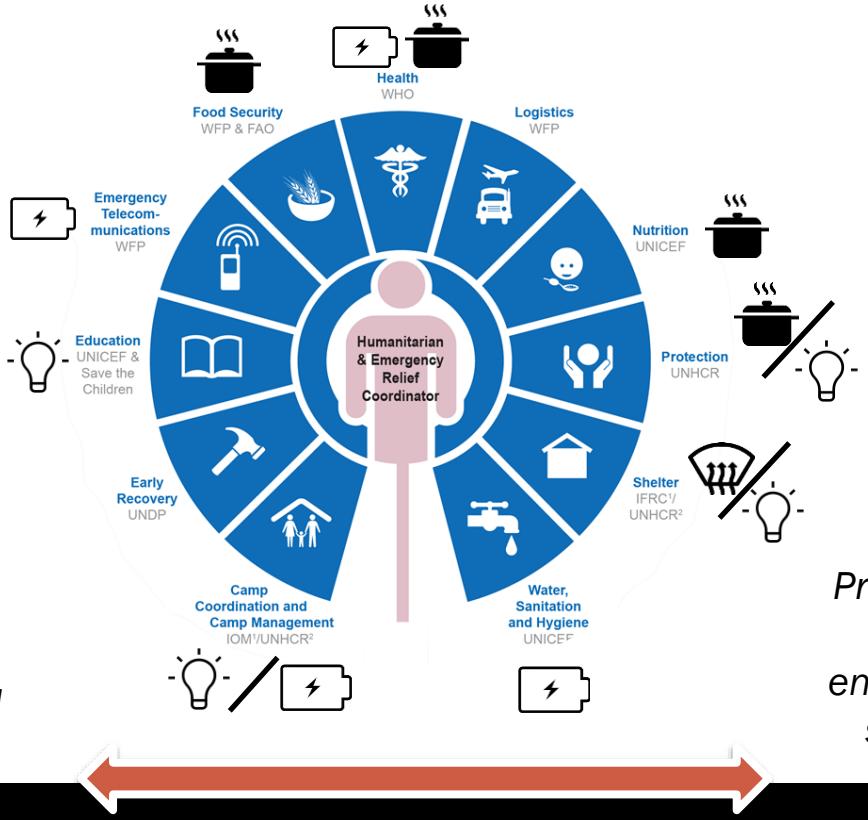
Improvised torches made from salvaged non-rechargeable batteries and affixed to a roof beam to provide space lighting.

Energy in Humanitarian settings

Where Does Energy “Fit?”

Answer: *Everywhere*

The GPA aims to support clusters to integrate sustainable energy practices into programing



Acute emergency: Procure and provide

Protracted: Buying energy as a service

Clean Energy is an enabler

- Achieving SDG7 (ensure access to affordable, reliable, sustainable energy for all) enhances high level emergence/crisis preparedness and transition from emergency/humanitarian to development.

✓**Health and Nutrition**
Hospitals and health centres, food preservation, laboratory tests, cooking etc.

✓**Shelter and infrastructure** – household and public places lighting, cooking, thermal comfort, electrification etc.

✓**Jobs and livelihoods** – productive end uses

✓**WASH** - personal hygiene, drinking water, wellbeing, cooking, growing food etc.

✓ **Security and Communication** - phones, radio stations, public messaging systems, FM signal boosters and boosting WiFi hotspots, TVs etc.

✓**Education** – conductive learning and teaching environment, teaching aids etc.

Conclusion

- Mainstream energy in to Humanitarian/emergence programing
- Clean Energy Challenge ‘Project Market Place'