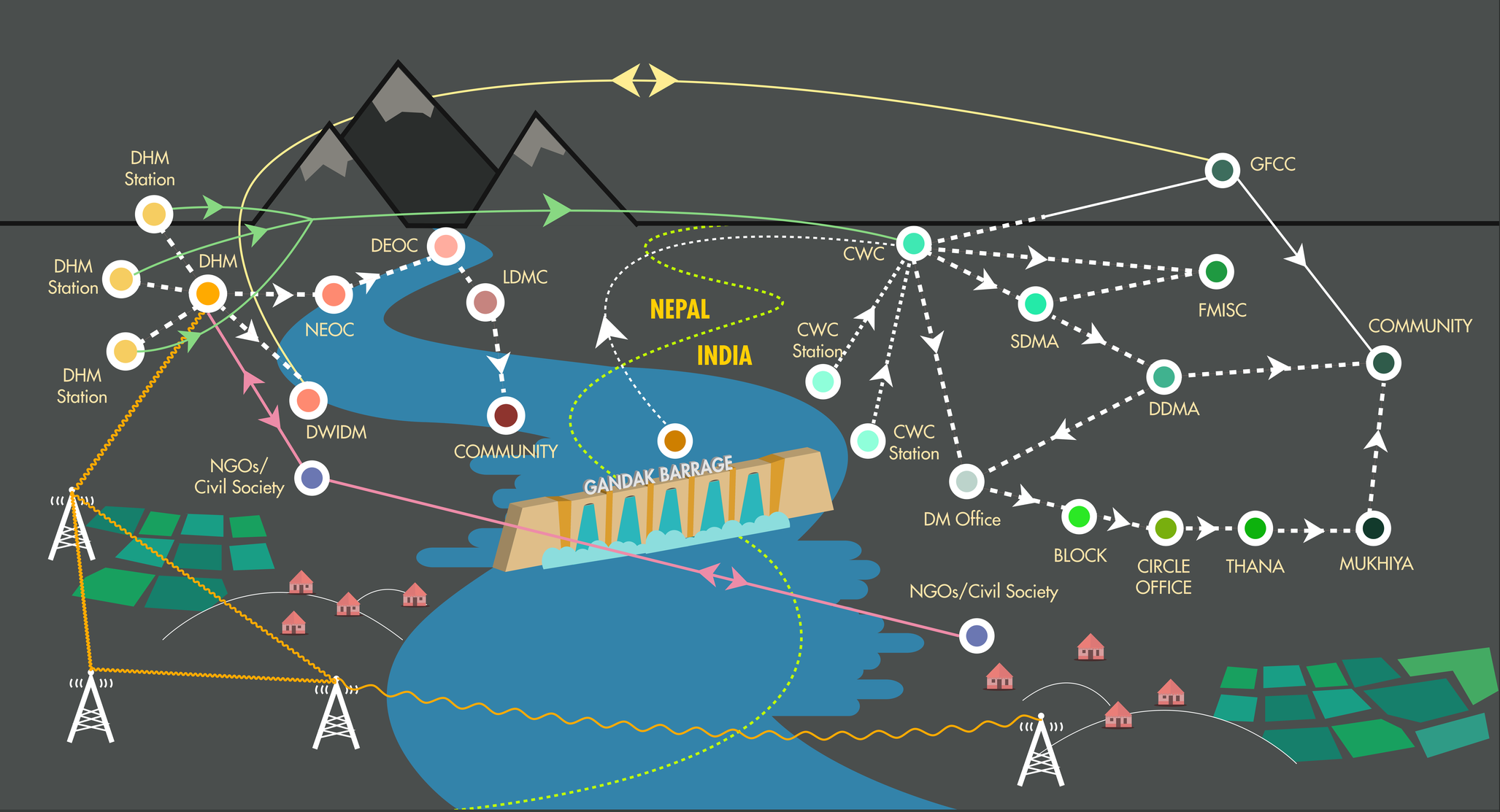

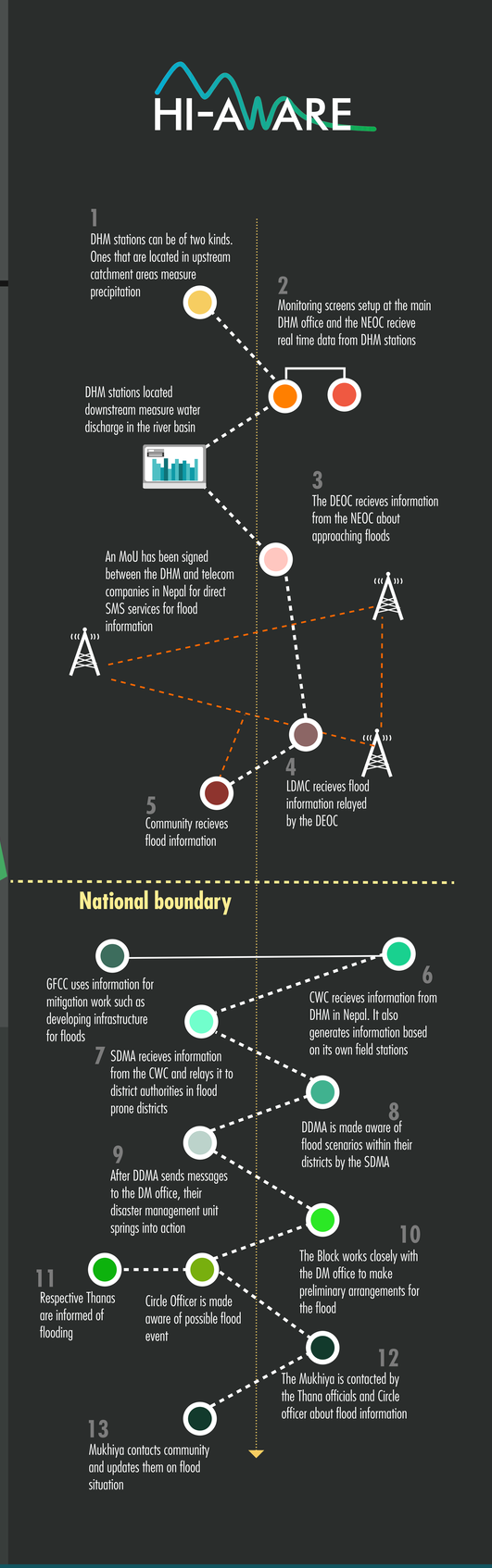

HAVE YOU HEARD, THERE'S A FLOOD...

TRANSBOUNDARY FLOOD-RISK COMMUNICATION IN THE GANDAKI BASIN

This represents formal lines of communication setup between the official bodies on both sides. For example, the DHM station in Nepal contacts the main DHM office by sending updated biophysical information on precipitation and water discharge.

These links are specifically in place between NGO agencies and the DHM in Nepal. Here agencies are able to use information provided by the DHM for further use. This is not the case with the CWC in India, that considers water to be a security issue.

Users connected to cellular networks in Nepal, are able to avail the MoU signed between DHM and telecom operators. Designated members in communities get direct SMS notifications informing them about flood conditions.

In many cases, cross-border relationships such as marriages are establihsed. Families notify each other of any warnrings through mobile phones.

DHM stations in Nepal have special arrangements with the CWC in India, where data is directly sent to the CWC for further analysis.

The GFCC and DWIDM have special arrangements setup where they act as mitigating bodies in preparation of floods. They generally do not take active participation in risk communication

This signifies special arrangements between two bodies. For example, in certain cases GFCC directly contacts the community to gauge the level of work being conducted. Sometimes, the CWC and GFCC also share flood information among one another.

Acronyms:

DHM- Department of Hydrology and Meteorology
NEOC- National Emergency Operation Center
DEOC- District Emergency Operation Center
DWIDM- Department of Water Induced Disaster Management
LDMC- Local Disaster Management Committees
CWC - Central Water Commission
SDMA- State Disaster Management Authority
DDMA- District Disaster Management Authority
DM office - District Magistrate Office
GFCC - Ganga Flood Control Comission
FMISC - Flood Management Improvement Support Centre

This work is based on an M.Sc. Thesis titled 'Analysing information flow in flood-risk communication-A case of the Gandaki basin' by Binod Parajuli, student at Central Department of Envrionmental Sciences, Tribhuvan University, Nepal

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