In February 2017, we agreed for the LSM workstream to focus on six main projects. These are the updates for each project:

**Project 1: Draft a consensus statement as RBM VCWG work stream with the aim to change WHO position on LSM**

It was agreed that the current WHO position on LSM needs to be updated to include recent developments in this field. A new draft is being reviewed by core members. A final draft will be presented at the upcoming VCWG meeting and will be adopted and submitted to WHO for consideration.

A gap analysis and change management proposal was conducted to understand the challenges hampering large scale adoption of larviciding as a core intervention by national malaria control programs. The results will be presented at the upcoming VCWG meeting in 2018.

**Project 2: Advocating for environmental management including habitat modification and manipulation and inter-sectoral collaboration as priority interventions in LSM**

We are expanding our core membership to other sectors particularly public health engineers. We are trying to reach out to the African Development Bank (AfDB) which has published safeguards for health impact assessments including vector control requirements.

**Project 3: Update and expand spreadsheet of WHOPES approved larvicides as source of information; Compile SOPs on: How to test larvicides efficacy and how to test for resistance**

With the recent changes from WHOPES to WHO PQ system, the information on recommended larvicides and SOPs for testing for resistance will be updated. IVCC is leading this activity.

**Project 4: LSM – A modern tool for vector control: Review of state of the art technology for LSM e.g. GIS, satellite imagery, motorized application equipment, areal application, drones, use of mobile data transfer**

A new project (funded by IVCC) is starting in January 2018 in Zanzibar to test the value of integrating new technology (satellite imagery, drones, and mobile apps) to improve larval source management.

**Project 5: Reviewing operational LSM in national malaria control programmes – Evidence of impact, training and support needs**

Data is being gathered in sample countries and will be presented at the upcoming VCWG in February 2018

**Project 6: Develop guidelines for LSM in emergency situations**

LSM workstream members are available to advise different partners working in emergency situation as required.