Integrated Vector Management And Entomological Monitoring
Alonso et al. 2001

Control
- Scaling-up for impact (SUFI)
- Sustaining control (SC)

Pre-elimination

Elimination

Prevention of reintroduction

SERCaP / MDA

VIMT

Diagnostics

Surveillance as an Intervention

Vector Control

Modeling Intervention

HSR

Essential R&D backbone, enabling technologies and platforms

Key proposed responses

- Single Encounter Radical Cure and Prophylaxis drug suitable for MDA
- Vaccine(s) that Interrupt Malaria transmission
- New Diagnostics
- Surveillance as an Intervention
- Sustained Vectorial Capacity Reduction Tool
- Predictive modeling allowing strategic and operational, including costing, assessment of combining different control and elimination strategies
- Minimal Enabling Framework for Health Systems Readiness
Reorienting VC programs for elimination: Critical Nodes

- SPR < 5%
- <1 case / 1000 pop. at risk
- zero local cases

1st programme re-orientation

2nd programme re-orientation

WHO certification 3 years

Prevention of re-introduction
Disease control Goal

Prevent & reduce spread of residual transmission or new active foci

- Early warning & detection system (currently epi-focus)
- Implications for vector control/contribution
  a. ID early indicators on VC
  b. Reorienting program management and implementation Deploying appropriate intervention mix to prevent or control outbreak
  c. Pre-emptive intervention strategy
  d. Reducing lag time b/n outbreak and deployment
Capacity building :-

**Manuals:**
- 3 documents
- Guidance on “minimums”: Competencies and skill sets; entomological M&S; program evaluation

**Training:** IVM TOT course organised in SEARO
- Modules for lower levels
- Post graduate courses in India (two groups)

**Support Country Needs Assessment**
PAHO: Workshop on VCNA leading to support for select countries on VCNA

Meeting Ghana: Develop framework to assess impact of MVC investment on LF and Loa-Loa endemic countries (5-9 March 2012)
Discussion on M&E of IVM

- Draft M&E for IVM introduced
- Support evaluation of national transition to IVM
- Comprise key logical and numeric indicators covering the 6 IVM characteristics.
- Group to provide input towards finalization of draft

Develop a position paper on Landing catches

Develop a small team to evaluate data assessing risk