Approach

- **Selection of middlebox implementations**
  Review existing middlebox implementations and select
  candidates for testing

- **Performance testing**
  Implement tests with good traffic in the testbed.
  Parameters to measure: throughput, latency, and power
  consumption.

- **Measurement evaluation and modeling**
  Analyse results and find models to explain them

Current status

- Selection of best middlebox implementation

- Current candidates for testing:

  - **ClickOS** :
    virtualized operating system to run Click-based
    middleboxes

  - **mOS**
    expendable networking stack

- Goal: Extend-able and fast middlebox