

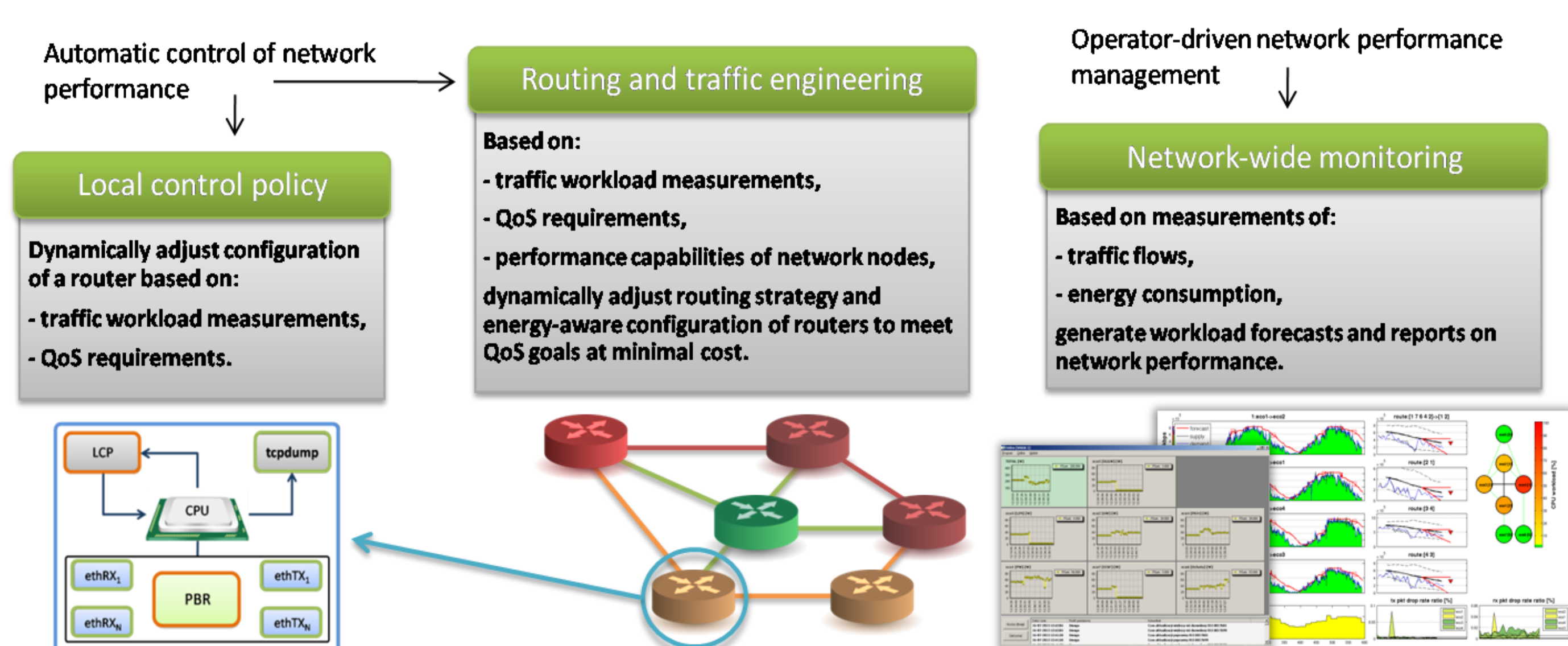
## low Energy Consumption NETWORKS

### low Energy Consumption NETWORKS

# ECO net

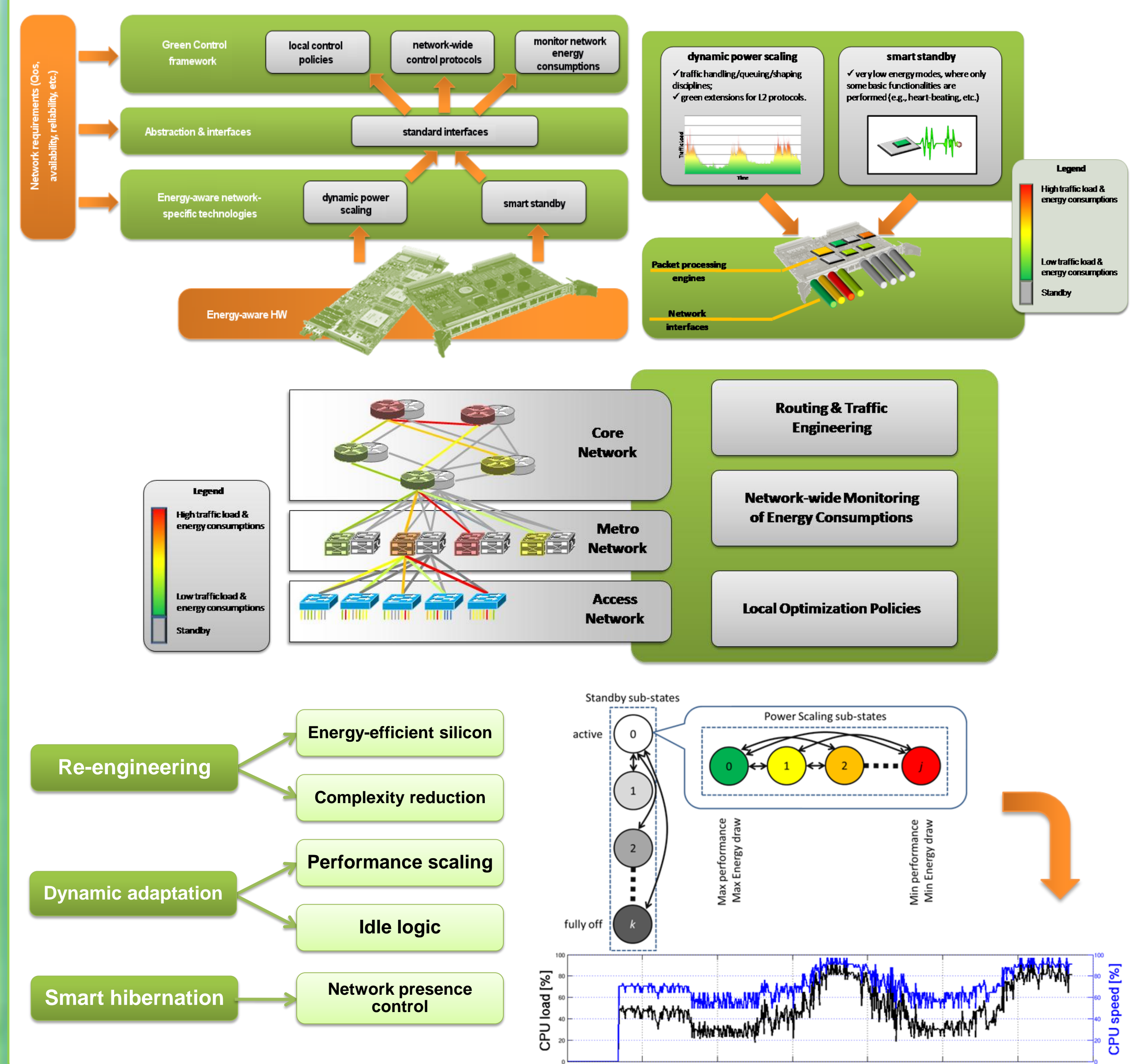


#### Enabling the reduction of energy requirements of wired network equipment

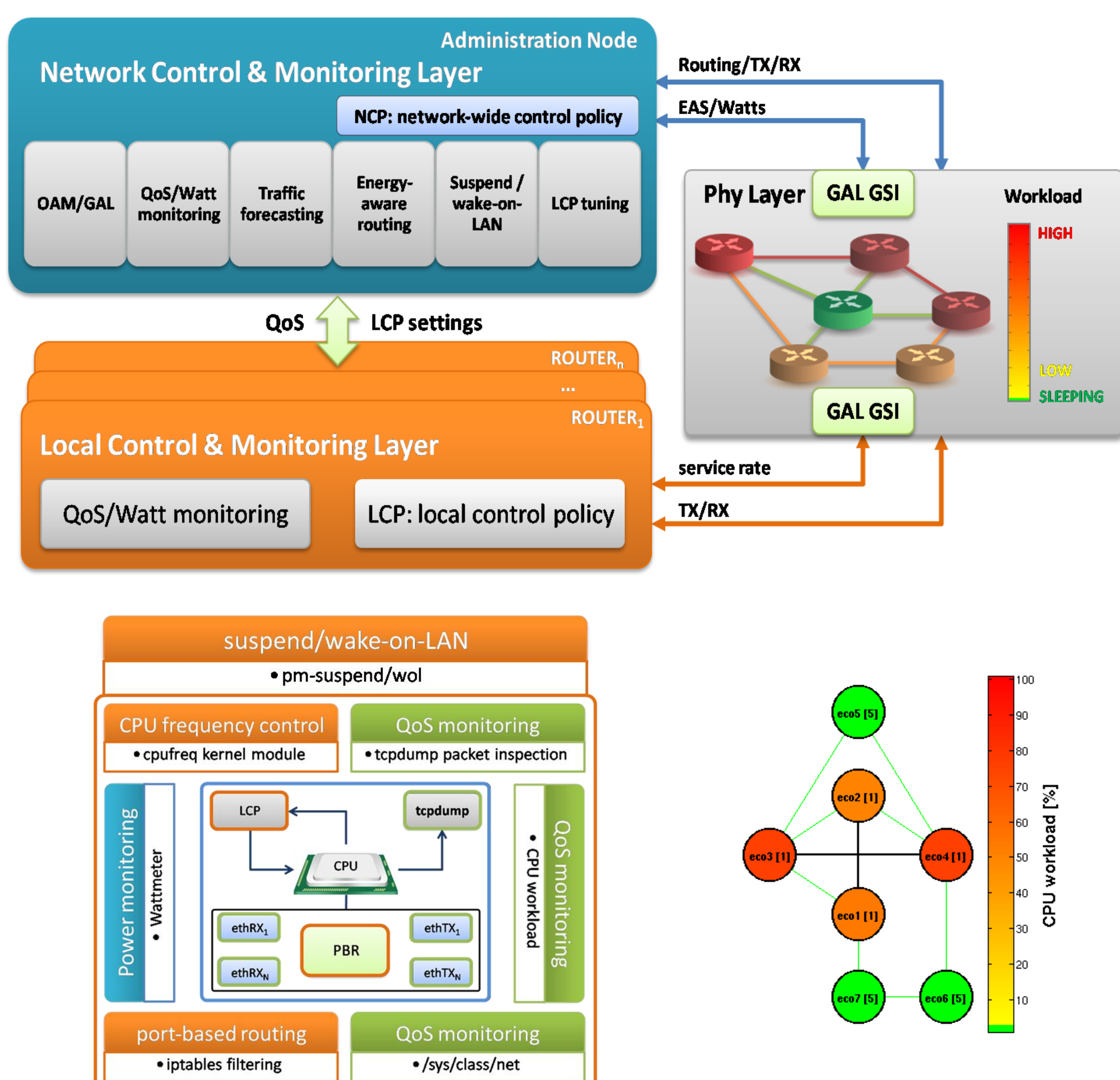


This work was supported by the ECONET (low Energy Consumption NETWORKS) project co-funded by the European Commission under the 7th Framework Programme (FP7), Grant Agreement No. 258454.

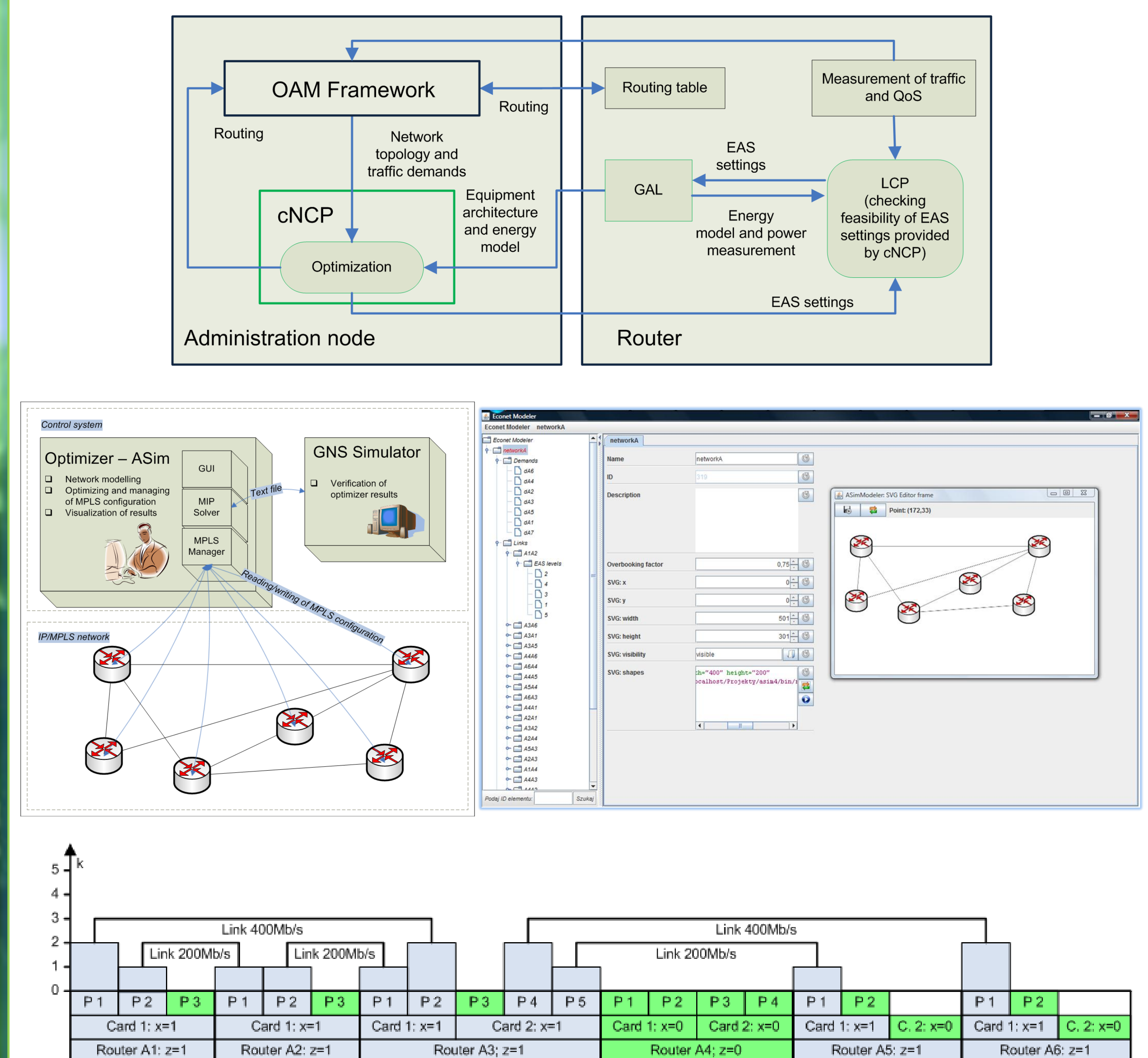
### The ECONET vision



### Energy-aware network control system



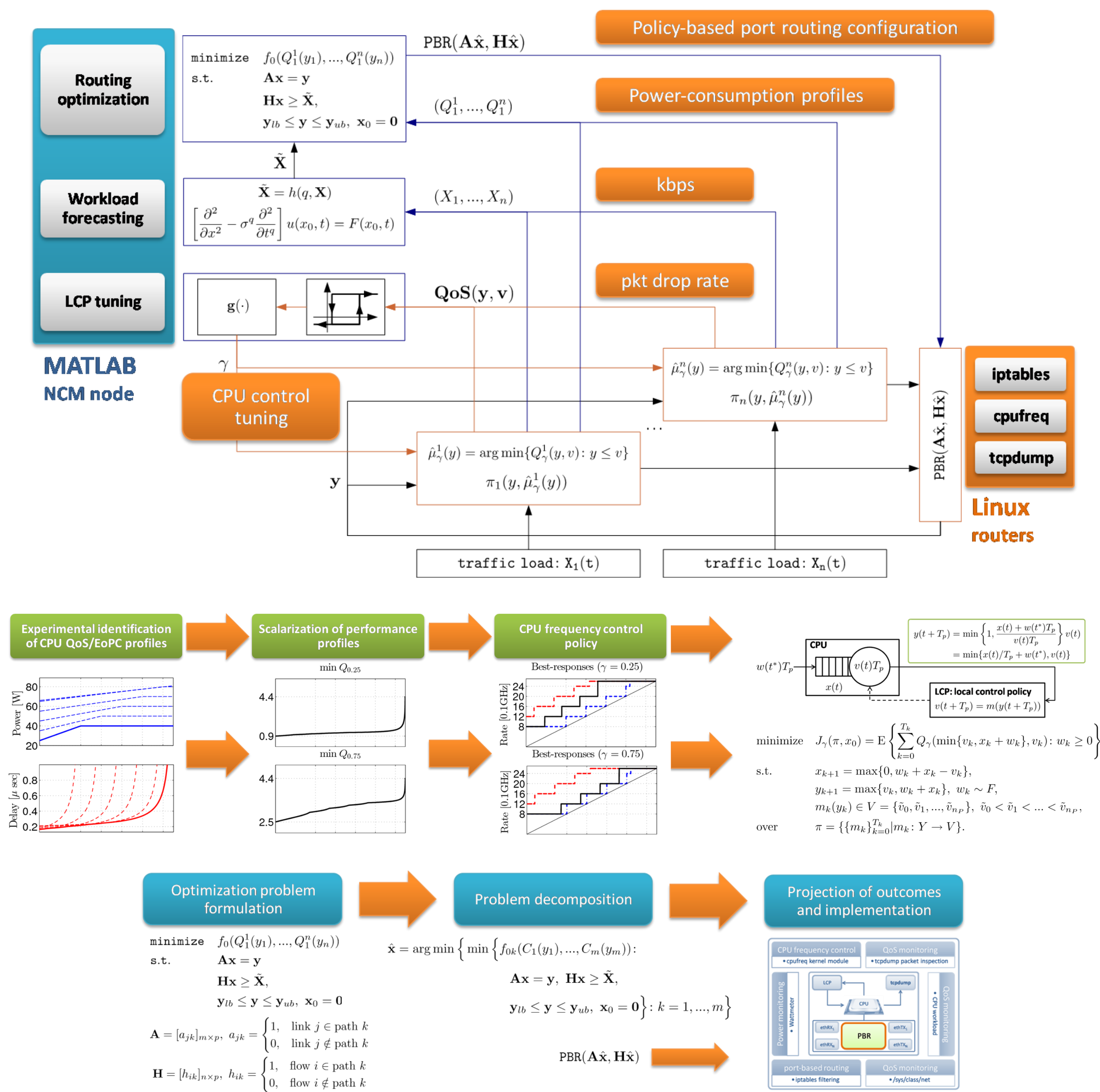
### Network-wide optimization framework



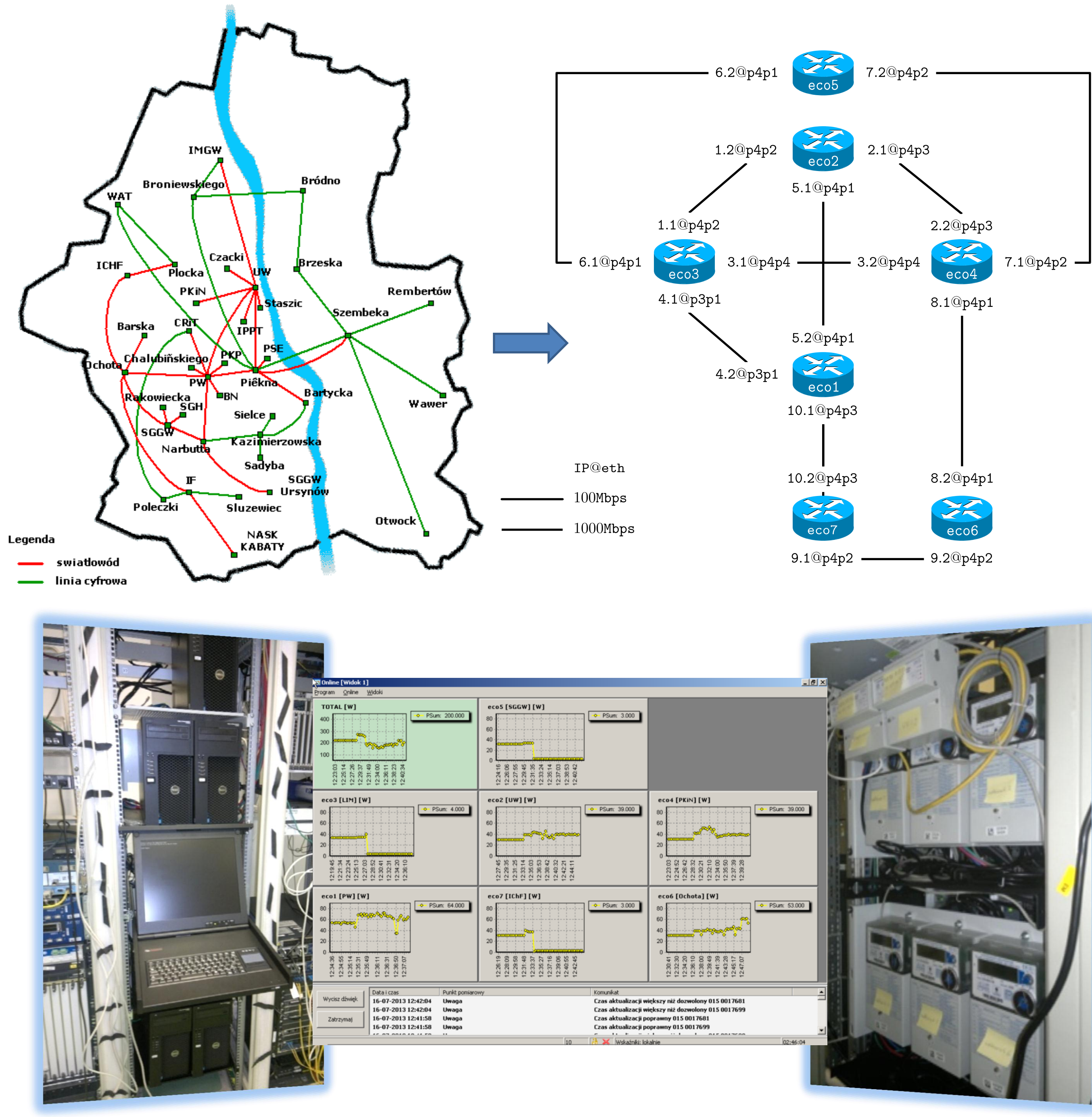


## low Energy Consumption NETworks

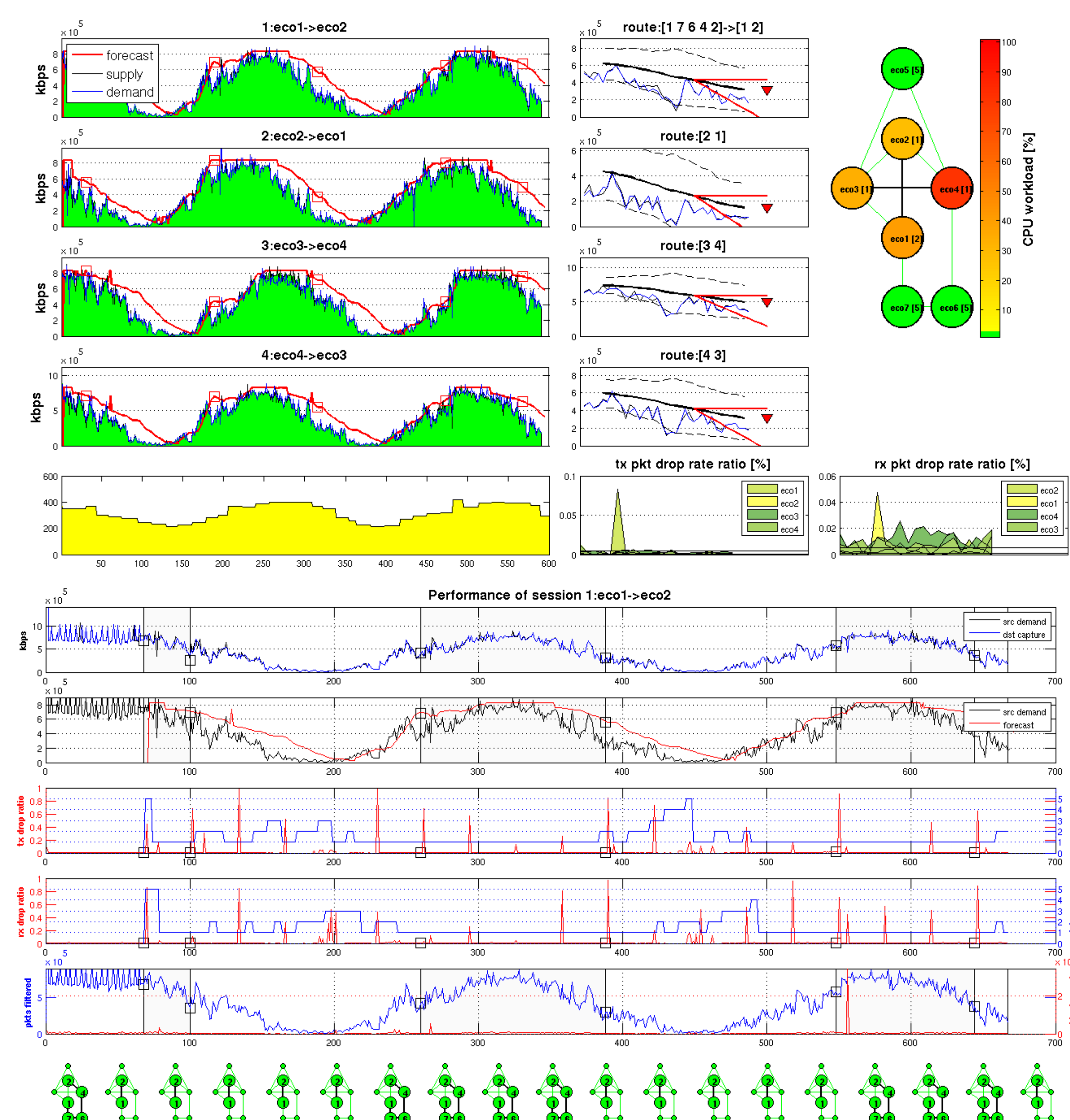
### Control problem decomposition



### Experimental network of Linux routers



### Network performance monitoring



### Evaluation of performance bounds

