



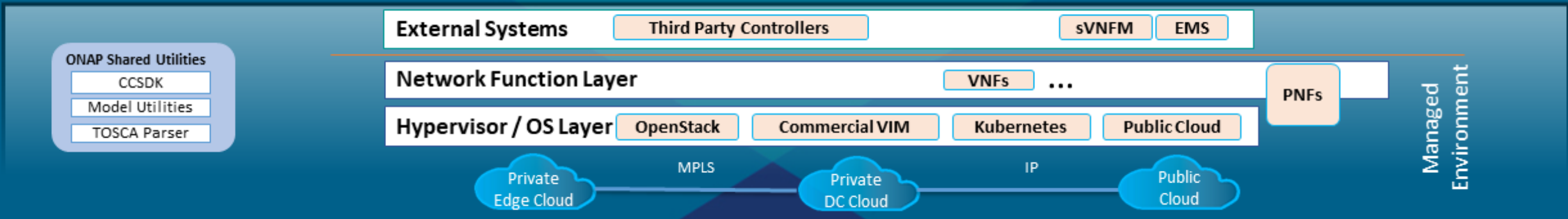
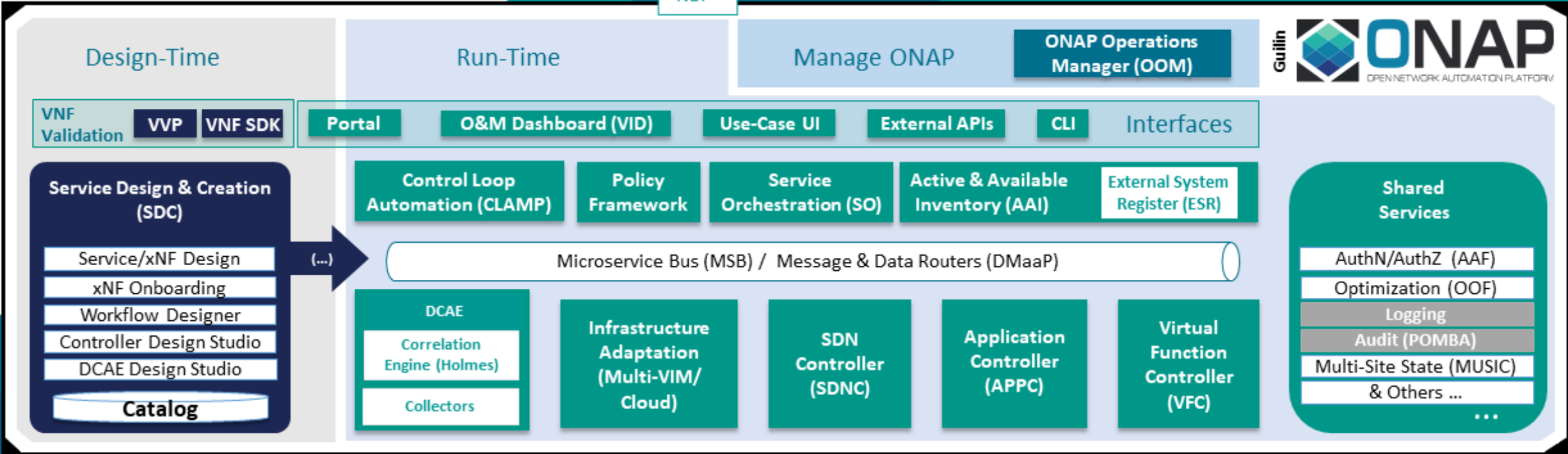
# Control Loop Development in ONAP

Workshop on E2E Network Slicing and Closed Loop Automation - ONAP/ETSI ZSM

8<sup>th</sup> December 2020

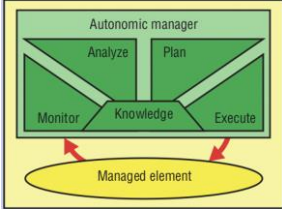
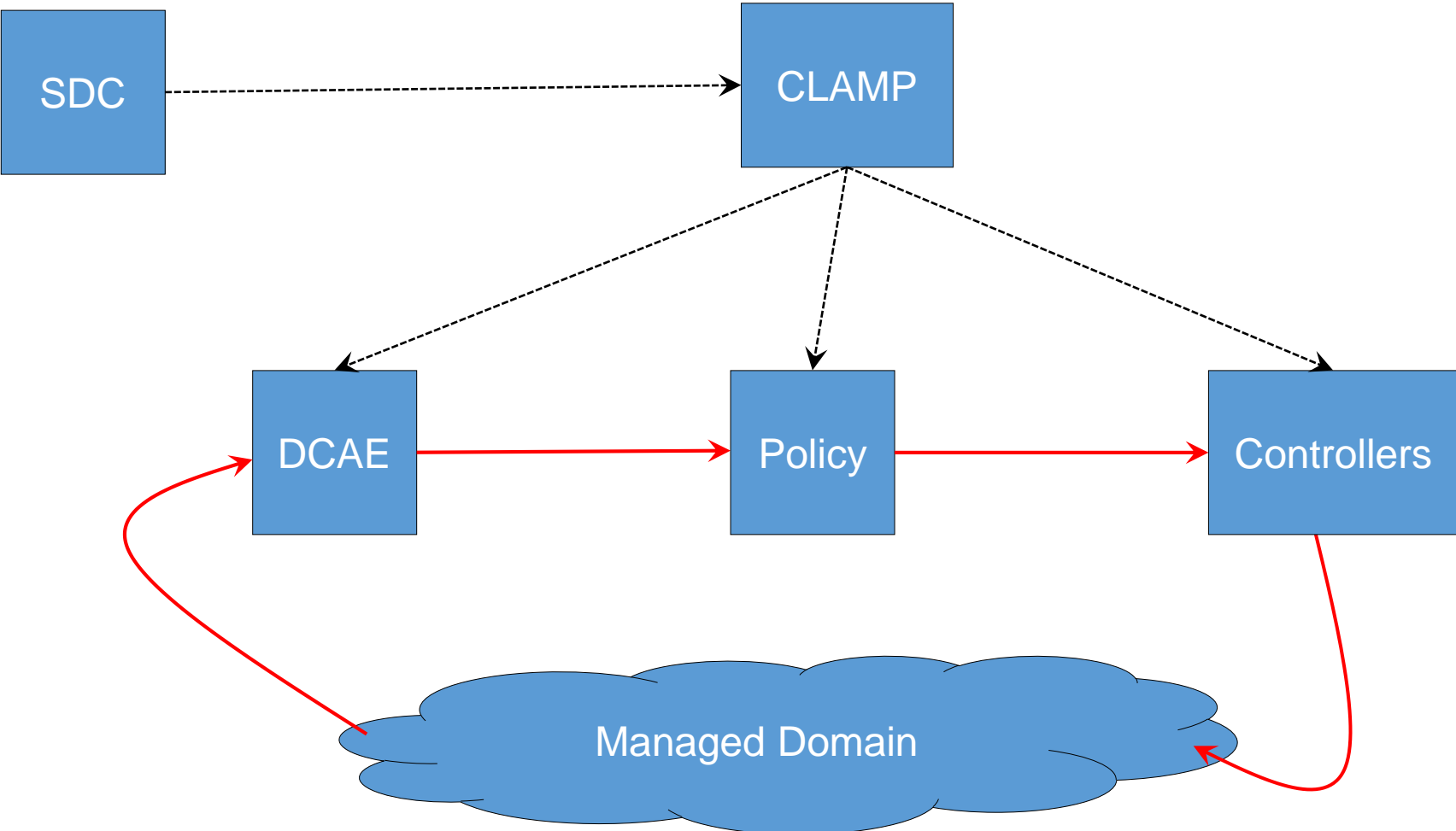
OSS / BSS / Other  
NBI

Legend	Design	Orchestration & Management	Operations
	Deprecated		



- ONAP Shared Utilities
- CCSDK
  - Model Utilities
  - TOSCA Parser

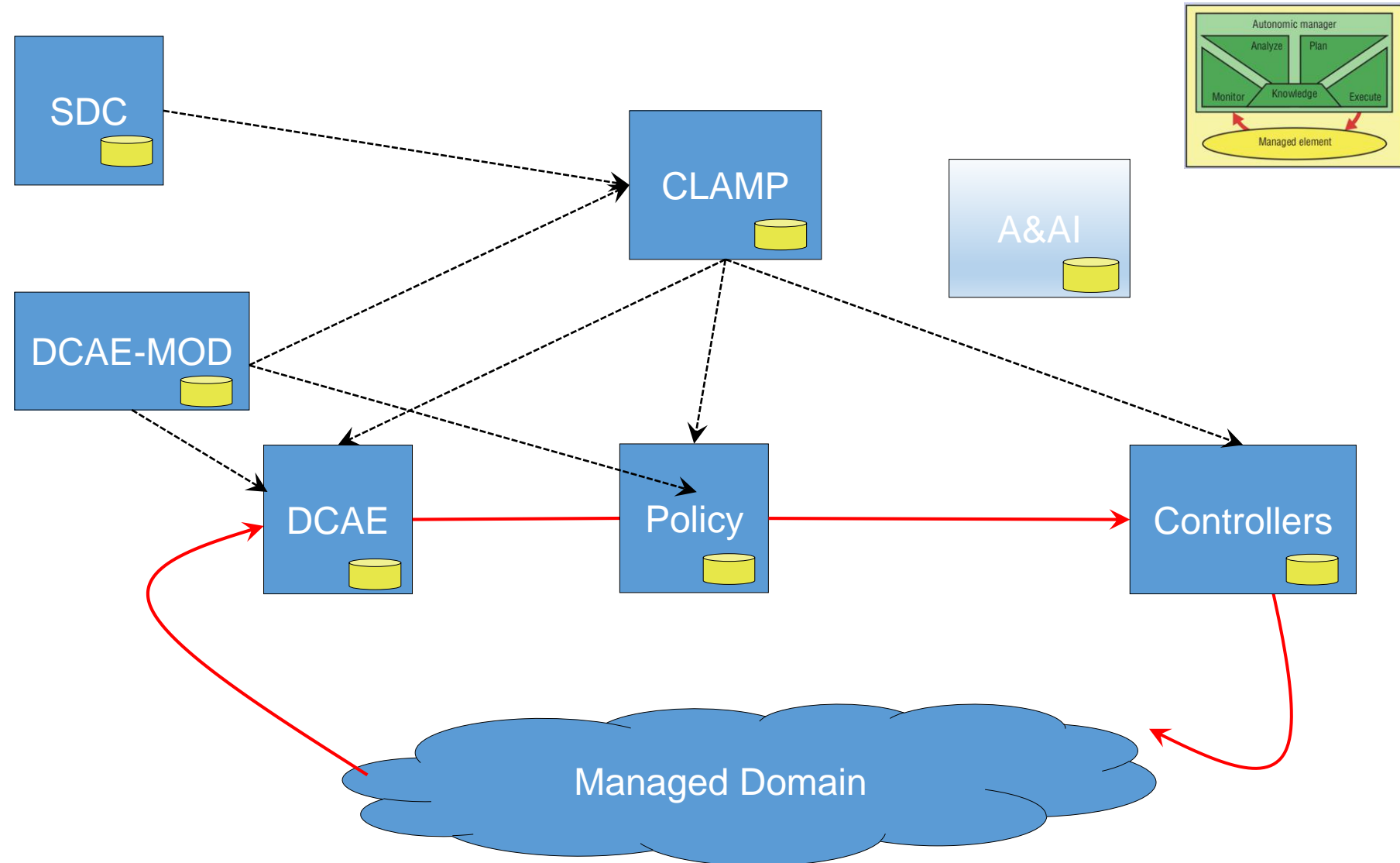
# The ONAP Approach to Control Loops



# ONAP Control Loop Subcommittee

- Coordinates the projects involved in implementation of Control Loop for the use cases in each release
- <https://wiki.onap.org/display/DW/Control+Loop+Subcommittee>
- Working Functional Requirements
  - <https://wiki.onap.org/display/DW/Control+Loop+Sub+Committee+Working+Requirements+and+Future+Roadmap>

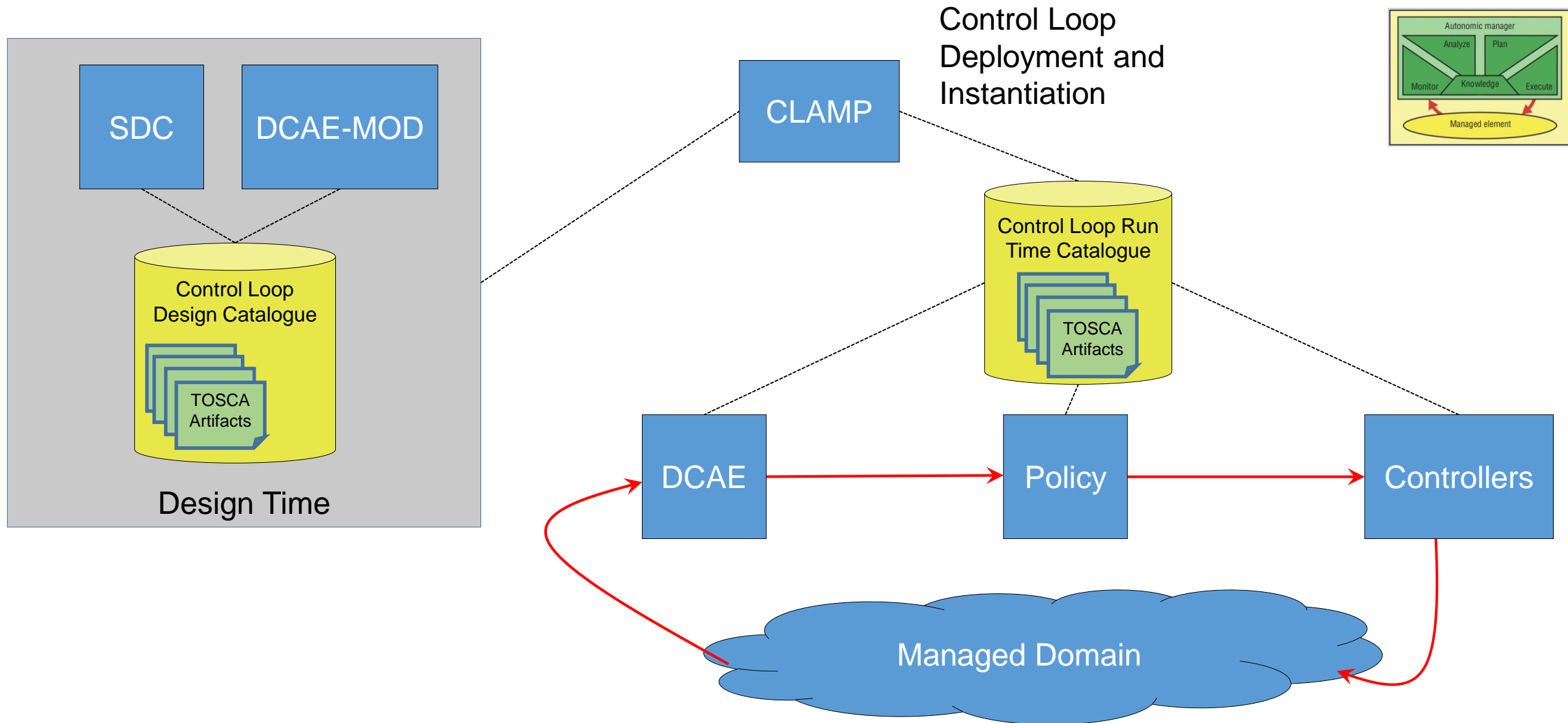
# Control Loop Knowledge



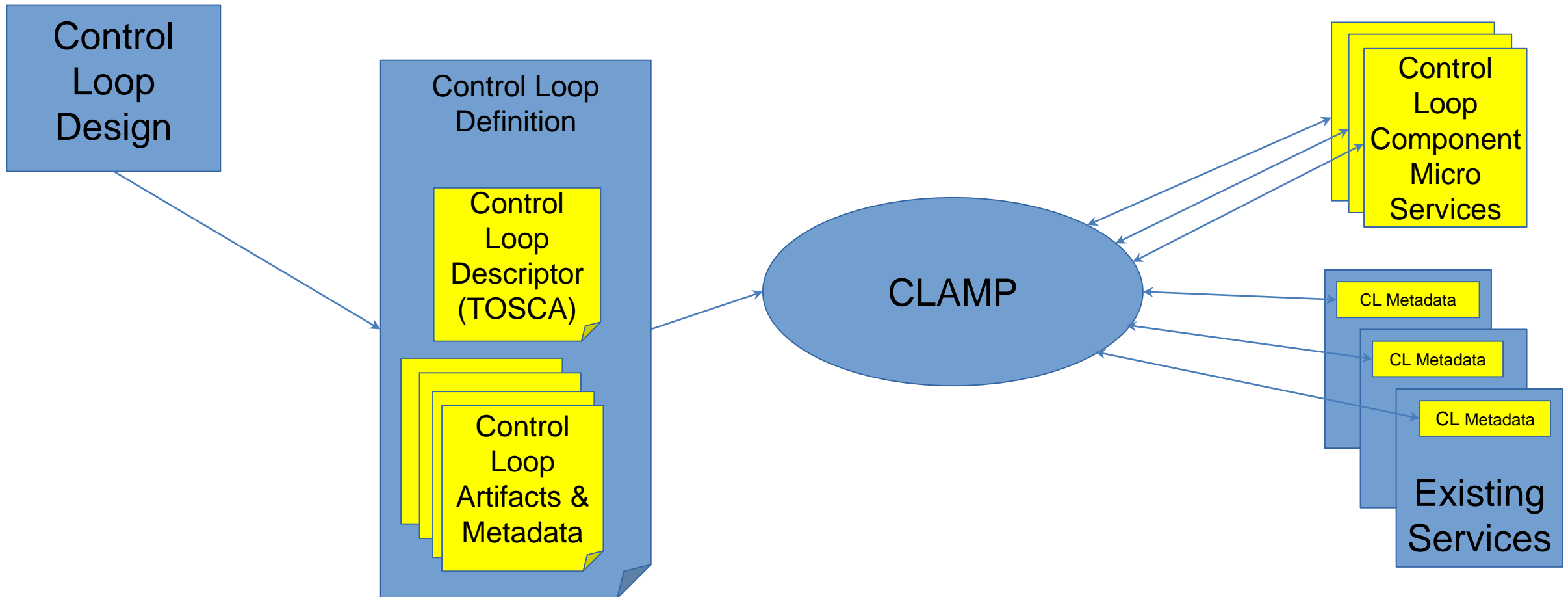
We need to think about **Control Loop** information

- Control Loops as first class citizens in ONAP
- Management of Control Loops at **design time** and **run time**
- Control loop participants need to use **common** knowledge

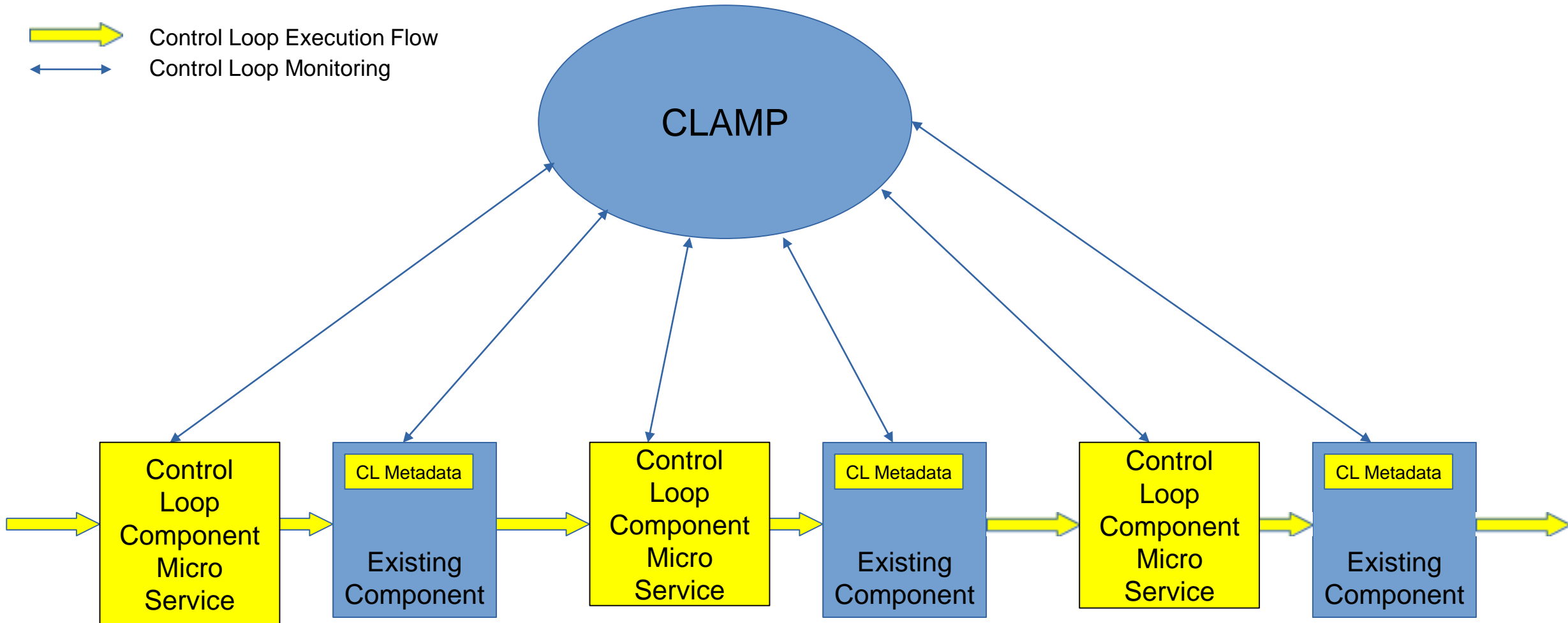
# Catalogues: Native TOSCA in Long Term



# Deployment of Control Loops in Long Term

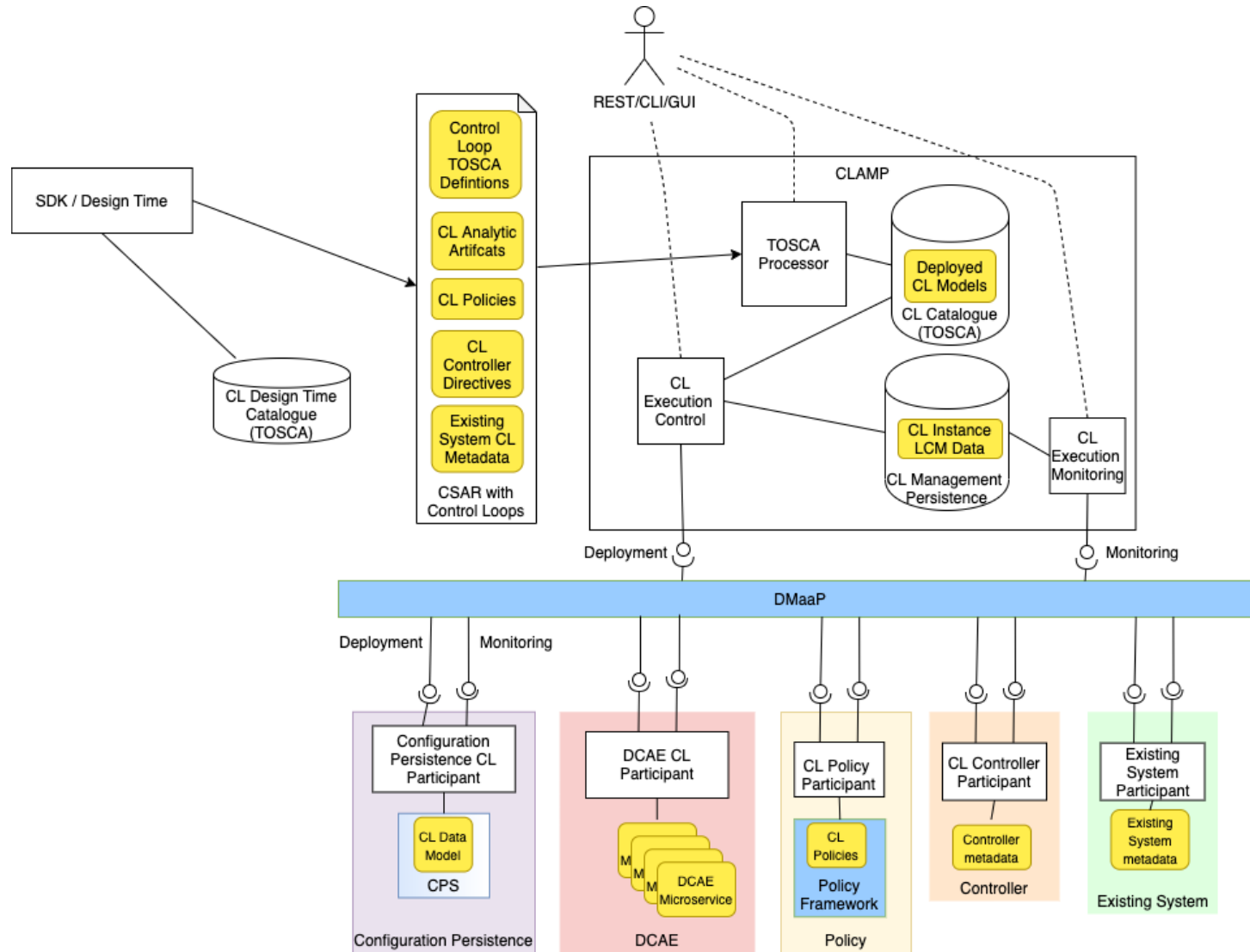


# Supervision of Control Loops in Long Term





# TOSCA Based CL Instantiation, Deployment, Monitoring in Long Term





# ONAP

OPEN NETWORK AUTOMATION PLATFORM