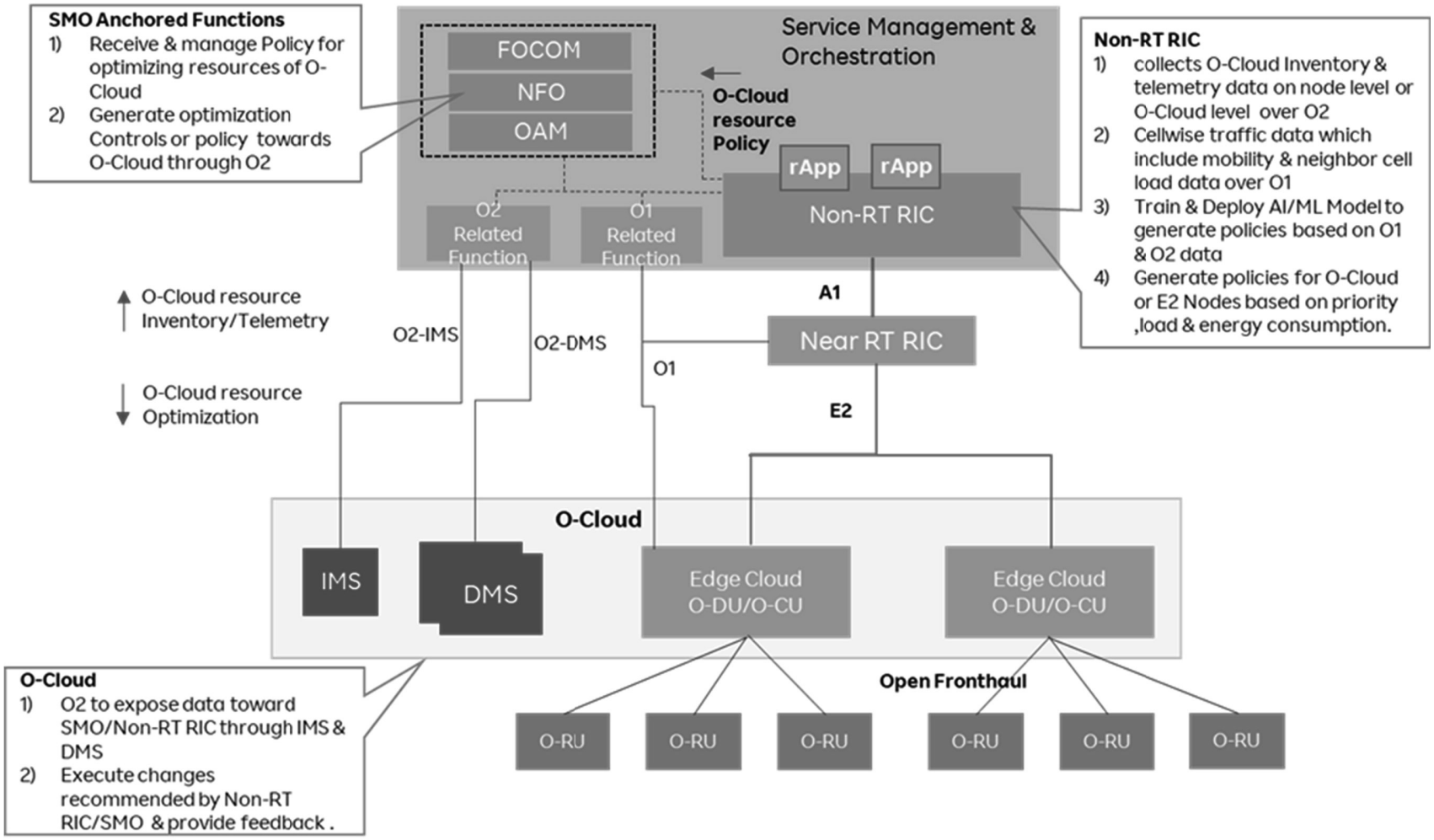

SMO Anchored Functions
1) Receive & manage Policy for optimizing resources of O-Cloud
2) Generate optimization Controls or policy towards O-Cloud through O2
Service Management & Orchestration
FOCOM
NFO
OAM
O-Cloud resource Policy
rApp
rApp
Non-RT RIC
O2 Related Function
O1 Related Function
Non-RT RIC
1) collects O-Cloud Inventory & telemetry data on node level or O-Cloud level over O2
2) Cellwise traffic data which include mobility & neighbor cell load data over O1
3) Train & Deploy AI/ML Model to generate policies based on O1 & O2 data
4) Generate policies for O-Cloud or E2 Nodes based on priority ,load & energy consumption.
O-Cloud resource Inventory/Telemetry
O-Cloud resource Optimization
O2-IMS
O2-DMS
O1
A1
Near RT RIC
E2
O-Cloud
IMS
DMS
Edge Cloud O-DU/O-CU
Edge Cloud O-DU/O-CU
Open Fronthaul
O-RU
O-RU
O-RU
O-RU
O-RU
O-RU
O-Cloud
1) O2 to expose data toward SMO/Non-RT RIC through IMS & DMS
2) Execute changes recommended by Non-RT RIC/SMO & provide feedback .

FIG. 1