



**MATILDA**

**5GPPP PHASE2 INNOVATION PROJECT**

**Atos**

# OBJECTIVE

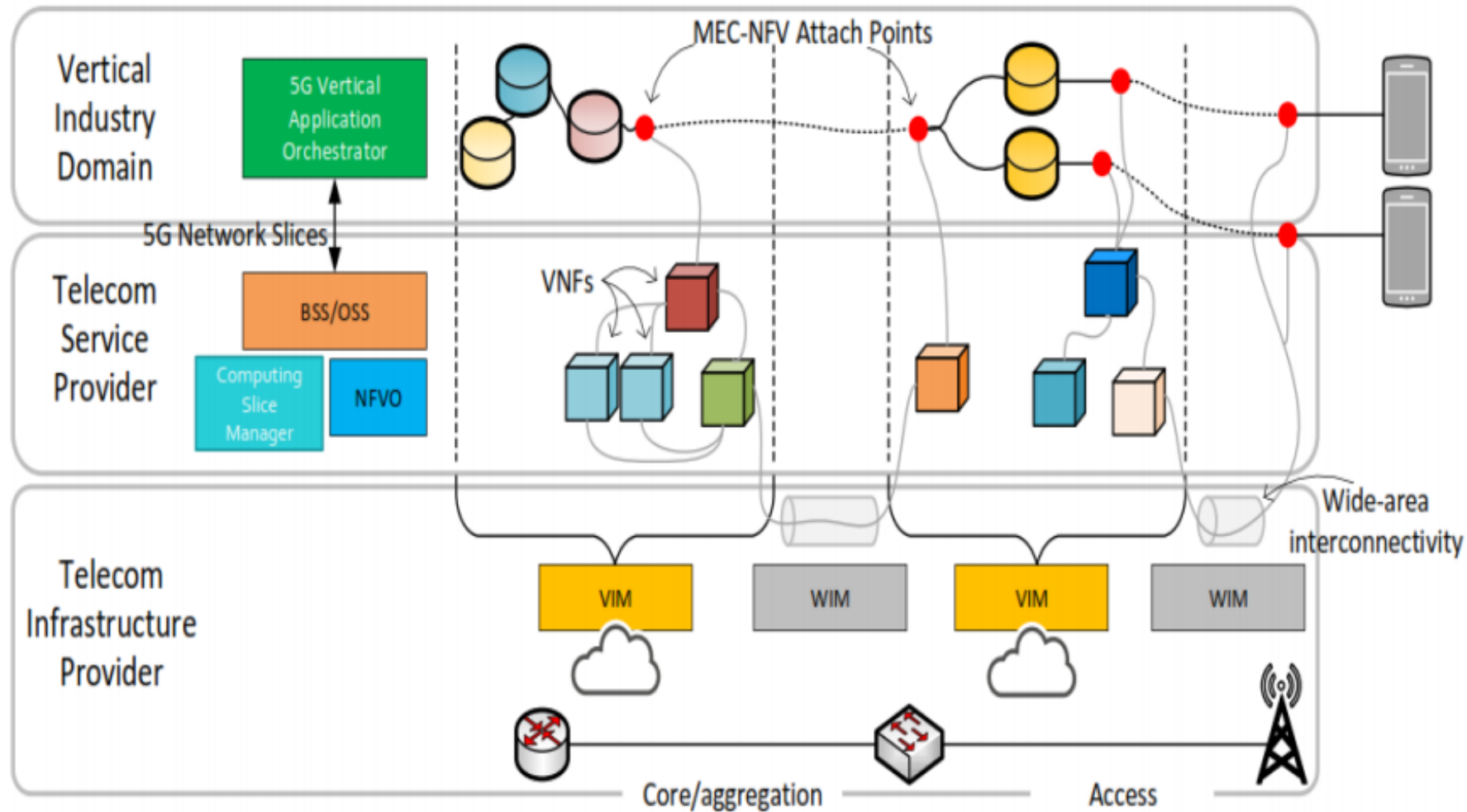
Design and implement a holistic 5G end-to-end services operational framework tackling the lifecycle of design, development and orchestration of 5G-ready applications and network services over virtual and physical infrastructure, following a unified programmability model and a set of control abstractions.

# 5G READY APPLICATIONS

The 5G-ready apps' Cloud-native components:

- Expose their initial deployment & runtime configuration parameters, chainable interfaces (to cloud-native components for the creation of a service graph), and quantitative metrics' required for QoS.
- Are stateless in order to be horizontally and vertically scalable.
- Are agnostic to physical storage, network and general purpose resources.

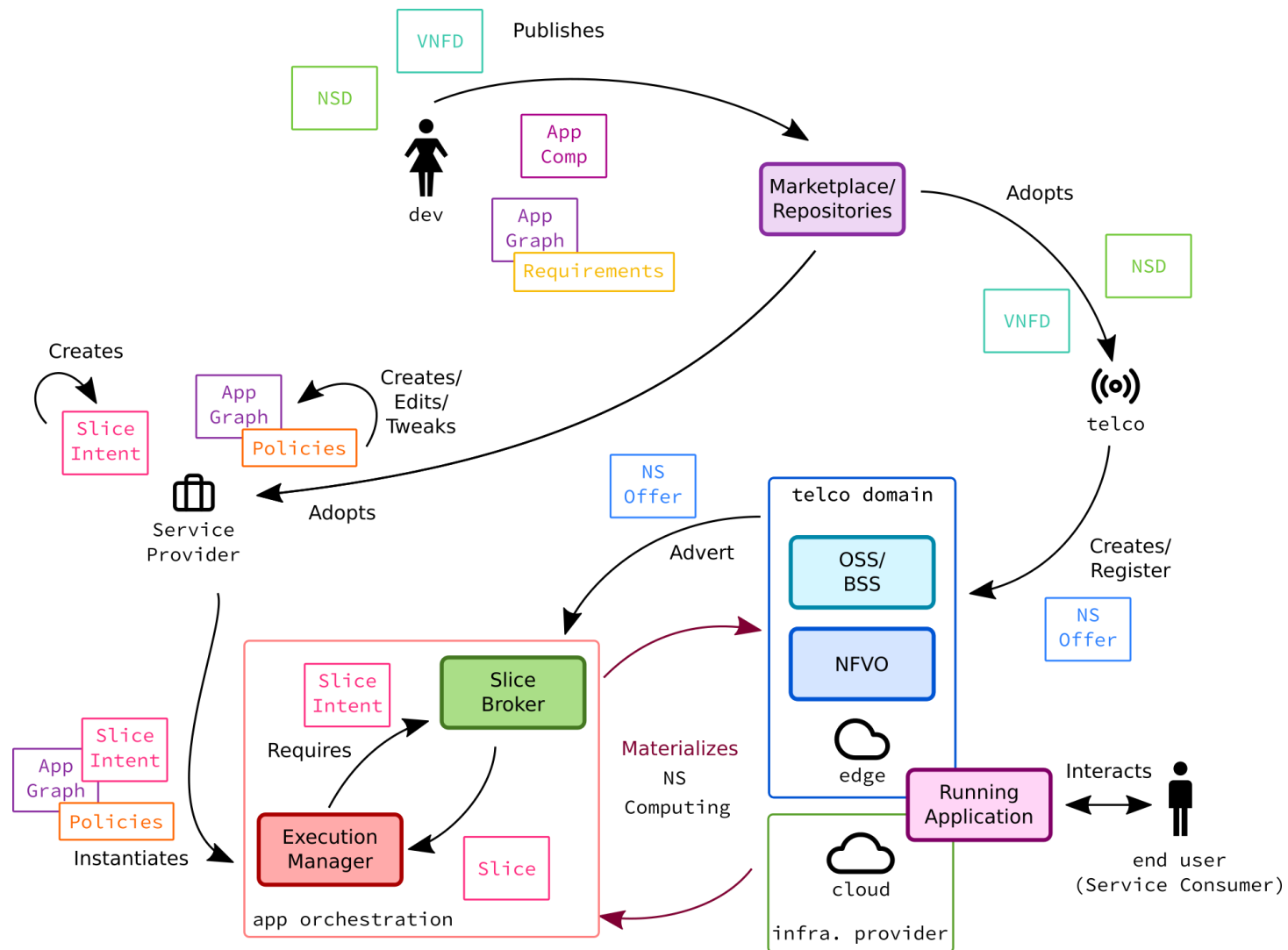
# 5G READY APPLICATIONS



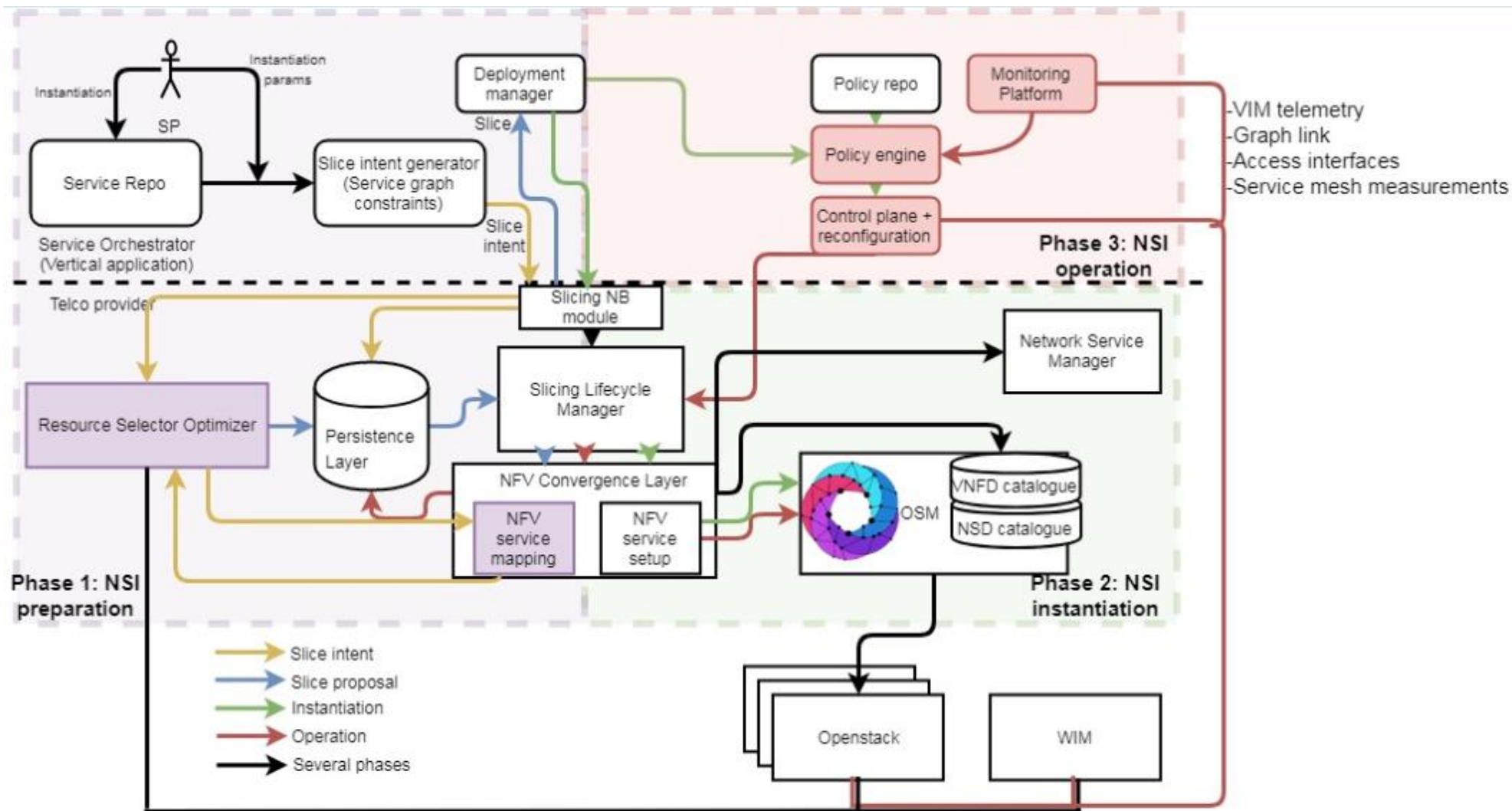
# MATILDA MAIN COMPONENTS

- Design and Development Environment.
- Marketplace.
- Intelligent Application Orchestration.
- Multi-site Resource Management and Orchestration implemented with MATILDA's telco provider.

# MATILDA WORKFLOW



# SIMPLIFIED WORKFLOW





Thanks!

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