

# Announcing Anuket

OPNFV and CNTT Unite  
Communications Infrastructure



# A Merger to Harness Innovation



CNTT

- Operator Driven Common Requirements
- Conceptual Reference Model
- Architecture Definition
- Specifications



 **OPNFV**

- Implementation & Integration
- Distributed Community Labs
- Functional & Performance Testing
- Conformance Programs
- Code
- CI/CD



 **Anuket**

- End to end Technology Lifecycle from Requirements to Implementation
- Aligned with Operator drivers
- Harnesses Technology for Deployment



# A Confluence of Communities



- Enable and encourage the widest **input** from operators and vendors
- Ensure **alignment** between architecture/requirements work and engineering work
- Facilitate broad reach of **influence** with other industry groups
- Enable broad **adoption** and **deployment** including associated marketing support
- Break down **silos**



# The Story Behind the Name



- Egyptian Goddess of the Nile
- Responsible for Annual Flooding of the Nile
- Associated with gazelles, arrows, and other swift-moving entities



# Benefits Across the Ecosystem



## Network Operators

- Reduced Complexity
- Limit number of infrastructure platforms
- Reduced capital expenses
- Faster buildout intervals
- More efficient operations
- Simpler RFP processes

## Network Function Vendors

- Reduced development costs
- Faster testing intervals
- Simplified sales cycles
- Ability to differentiate on value added features
- Reduced resources needed to support multiple infrastructure platforms

## Infrastructure Vendors

- Reduced development costs
- Simpler and faster testing
- Streamlined sales cycles with both operators and Network Function Vendors
- Conformance allows differentiation on value added features

# End-to-End Technology Development



- Business Requirements
- Operational Requirements
- Technology Requirements

- Code Implementing and Testing Requirements
- Upstream Code Collaboration
- Conformance and Performance Testing

Partners



Reference Model



Reference Architecture

RA1



RA2



Reference Implementation



Community Labs

Installers

“Feature” Projects

CI/CD

Reference Conformance

X-Testing

Functest

VSPerf

NFV Bench

StorePerf

Sample VNF

Compliance & Verification

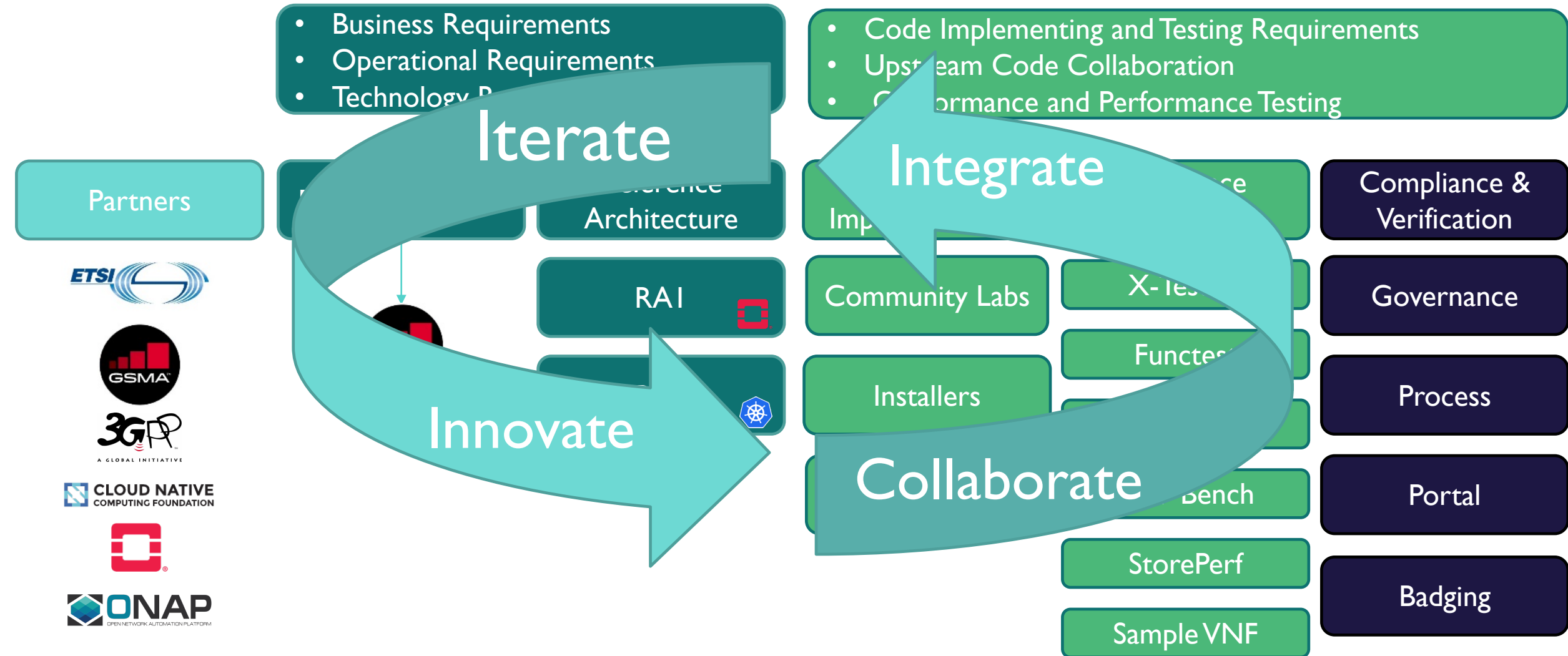
Governance

Process

Portal

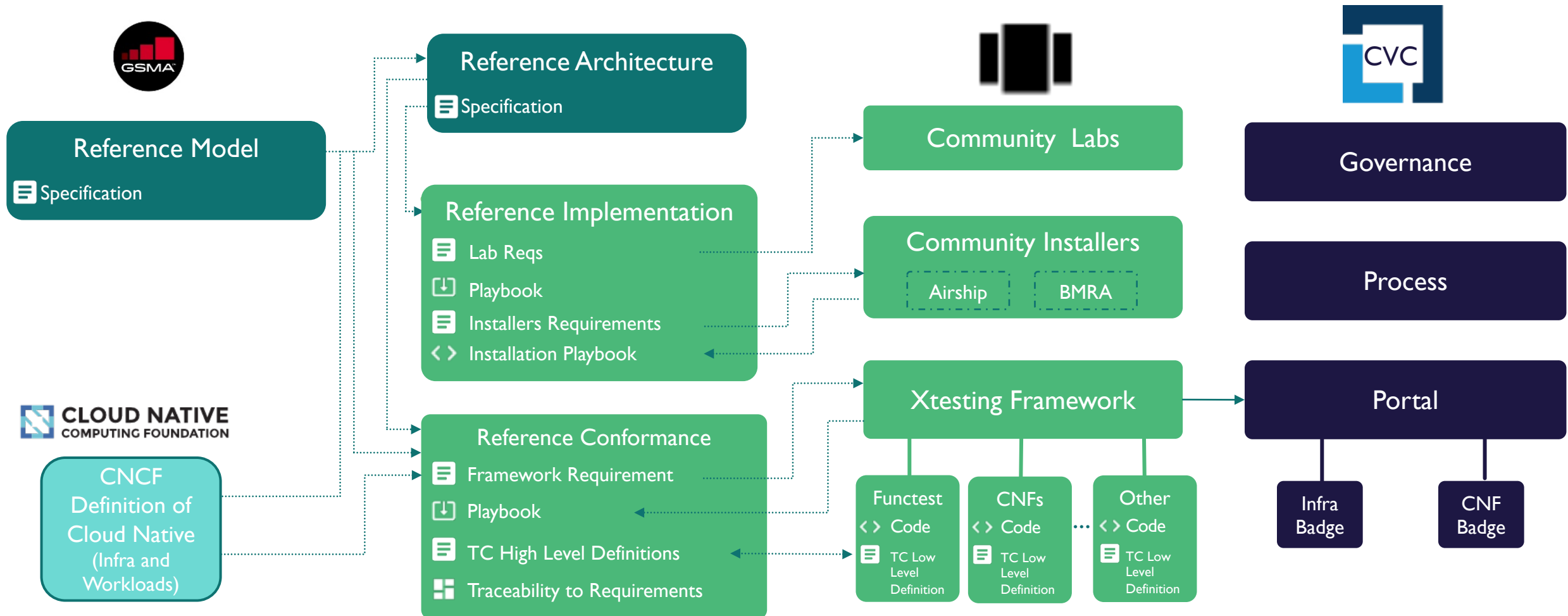
Badging

# End-to-End Technology Development





# Anuket Workstream Process



# Value Driven Open Source



Alignment on reference model, architecture, and implementation requirements



Supporting open source and open standards communities



Integrated, tested, and validated software reference infrastructure



Conformance Framework and validation programs



Contributing to and influencing upstream projects



Creating new open source components within the reference infrastructure as needed



Simplify operator operations and increase business value



Increase technology adoption velocity



Reduce complexity



Improve efficiency of ecosystem resources



Empower competition to focus on features and benefits



Foster cross community collaboration with standards bodies such as GSMA and ETSI

# Get Involved!



- Anuket Website: <https://anuket.io>
- Anuket Wiki: <https://wiki.anuket.io>
- Anuket Slack Workspace:  
[https://join.slack.com/t/linuxfoundationtalk/shared\\_invite/zt-l62l41v4-lZ26gvfW3H7Nup496Ng49g](https://join.slack.com/t/linuxfoundationtalk/shared_invite/zt-l62l41v4-lZ26gvfW3H7Nup496Ng49g)
- Anuket Store: <https://linuxfoundation.store/collections/anuket>
- Getting Started with LFN: <https://wiki.lfnetworking.org/x/hAKh>

**Participate in Anuket and build the infrastructure foundation  
for the next generation of Communications services**





# Anuket