

Open Source
MANO

An Introduction to ETSI Open Source MANO (OSM)

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OSM covers all that is required for a production MANO stack

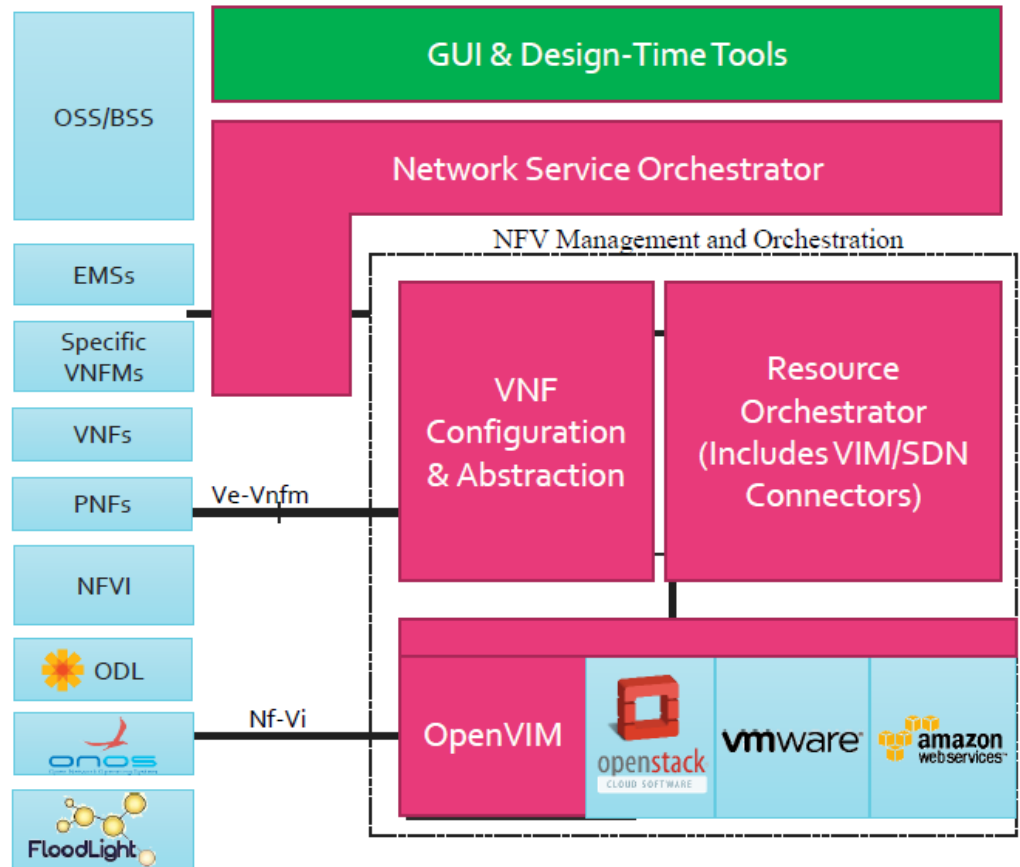


RUN-TIME SCOPE

- Automated E2E Service Orchestration
- Superset of ETSI NFV MANO
- Plugin model for integrating multiple SDN controllers
- Plugin model for integrating multiple VIMs
- Integrated Generic VNFM with support for integrating Specific VNFMs
- Support for Physical Network Function integration
- Greenfield and brownfield deployments

DESIGN-TIME SCOPE

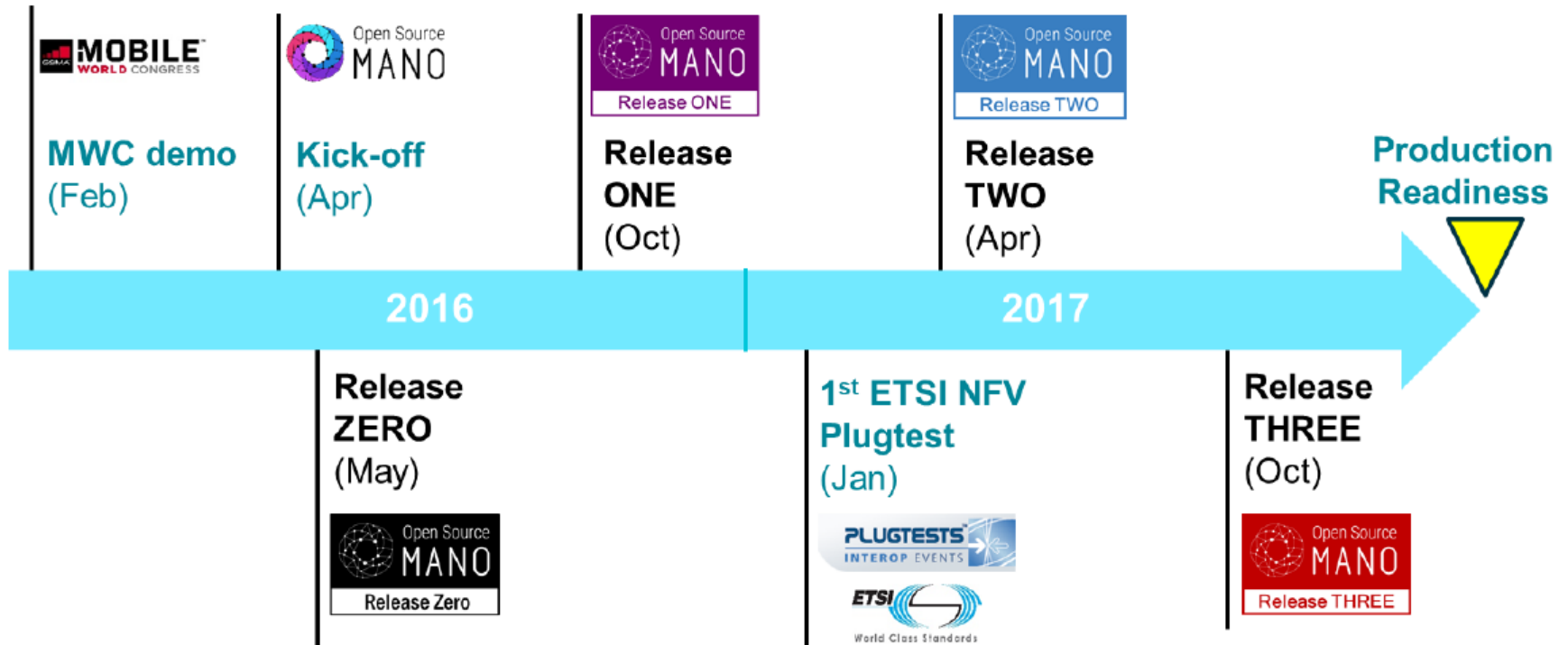
- Network Service Definition
- Model-Driven Environment with Data Models aligned with ETSI NFV
- VNF Package Generation
- GUI



—+— Main NFV reference points



A short history of ETSI OSM



OSM Release TWO enjoys a high level of interest



MWC demo
(Feb)



Kick-off
(Apr)



Release ONE
(Oct)

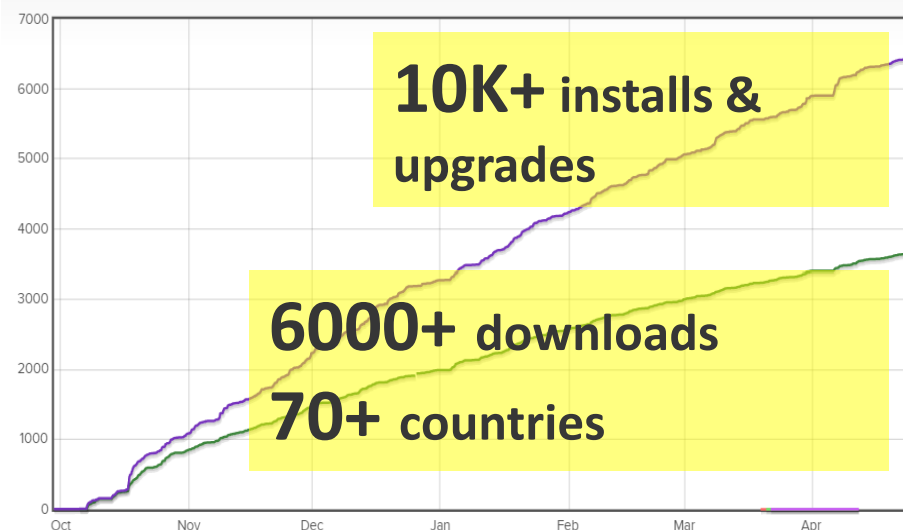


Release TWO
(Apr)

Production Readiness

2016

Release ZERO
(May)



10K+ installs & upgrades

6000+ downloads
70+ countries

OSM Community has now **82** members!



- 9 Global Service Providers
- Leading IT/Cloud players
- VNF providers



And we won the Network Transformation Award! BEST OPEN SOURCE DEVELOPMENT



Considerations for going open source

1. To accelerate the availability of a **reference standard**

SDO as
de jure
standard



OS as
de facto
standard

2. To build a **wide and competitive market** of producers and consumers

3. To answer the **BUY vs. MAKE** question



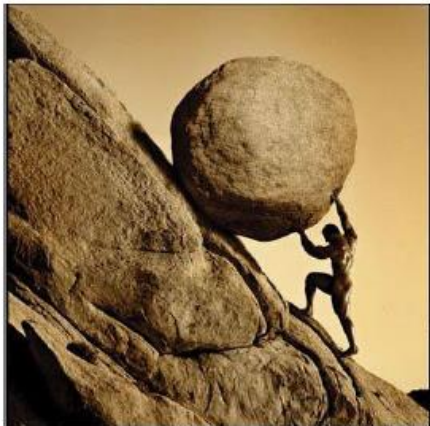
Continuous requirements to make OSM fit for purpose

- **OPEN TO PLAYERS OF ALL SIZES**

- Need for a diverse community
- Adding expertise & demand

- **SUSTAINABLE AND RELIABLE**

- The leaner, the better



- Focus on the core, leave the rest to INTEROP

- **OPEN TO NEW TECHNOLOGIES**

- Future proof deployments

- **AND READY TO DELIVER!**





Open Source MANO

Thank You!

