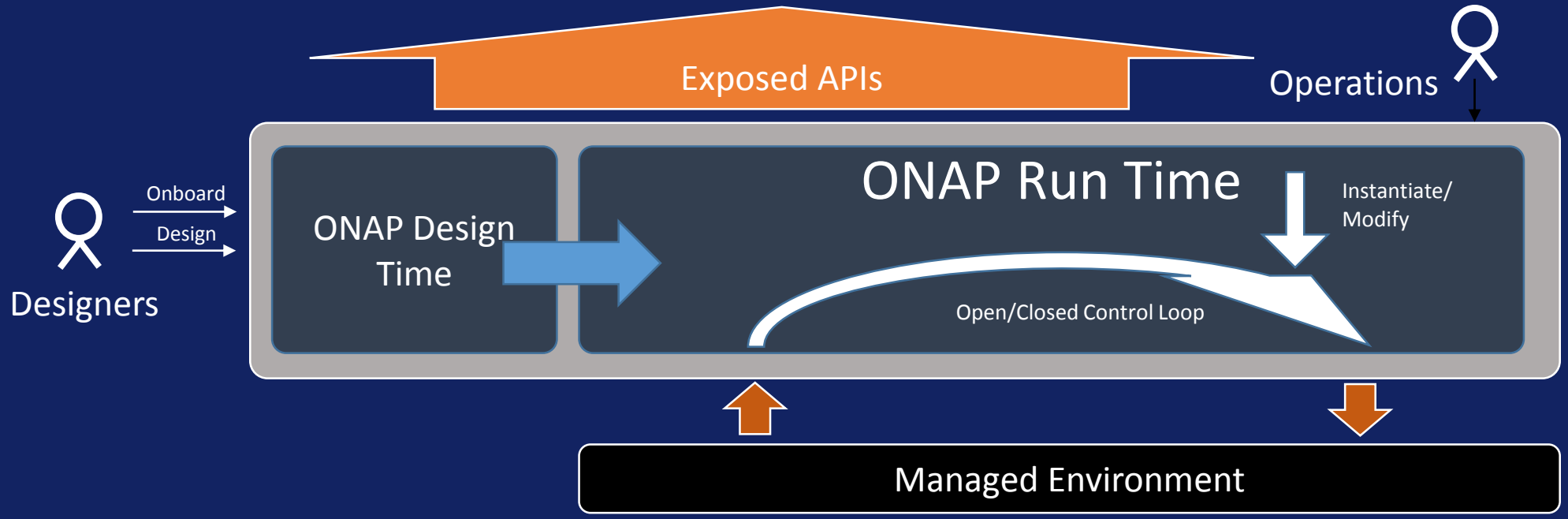
ONAP – From the inside looking out
The journey, status and Dublin Release expectations

Catherine Lefevre, AT&T, ONAP TSC Chair

Stephen Terrill, Ericsson, ONAP Architecture Chair

Introducing ONAP



ONAP provides an automation platform for managing services and resources throughout their entire life cycle.

It provides a reference functional architecture	It provides a reference Component Definition & Interfaces	It provides reference source code	It provides requirements on the managed V/P NFs

The ONAP Journey

Q2 2017 - Launch | Q4 2017 – Amsterdam | Q2 2018 – Beijing | Q4 2018-Casablanca | Q2 2019-Dublin | Q4 2019-El Alto

ECOMP + OPEN-O → ONAP

One Modular Platform

- Successful merge to ONAP
- Established structure
- Established way of working
- Validated with vCPE, vFW/vDNS, vVoLTE blueprints

Deployment Ready

- Introduced S3P
- Adopt CII badging
- Containerized
- Introduced End-User Authority Group
- Validated with Change Management/ Scaling foundations

Out-of-box Deployment

- Introduced Control loop sub-committee
- Increased standards alignment.
- Validated with more blue prints and use cases i.e. 5G, CCVPN

Expand

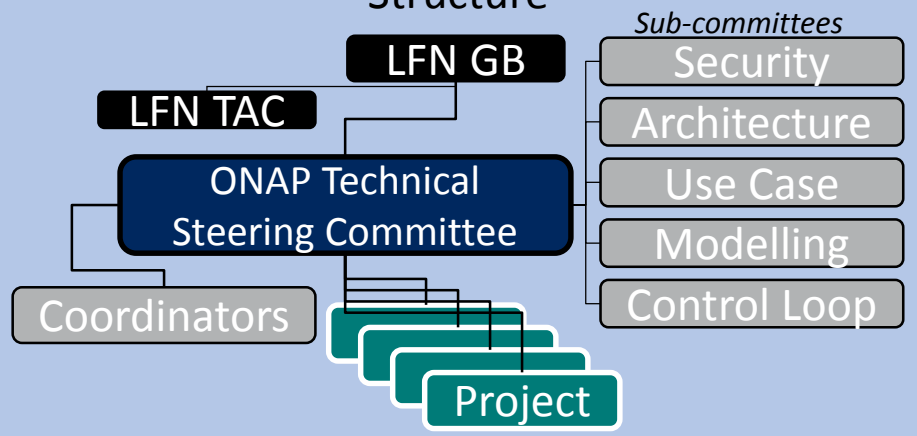
- Increase 5G Use Cases
- Footprint Optimization
- Model Driven Control loop
- …

Scope under discussion

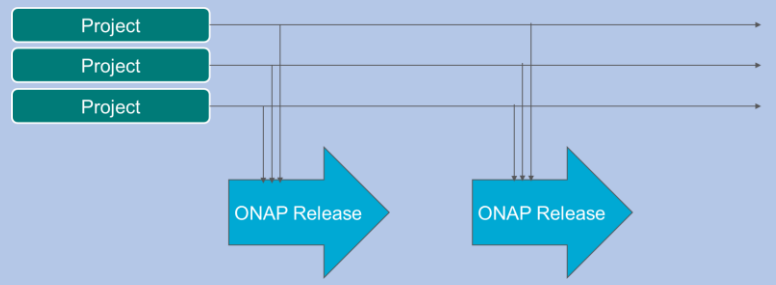
Industry Influences

How We Currently Work

Structure

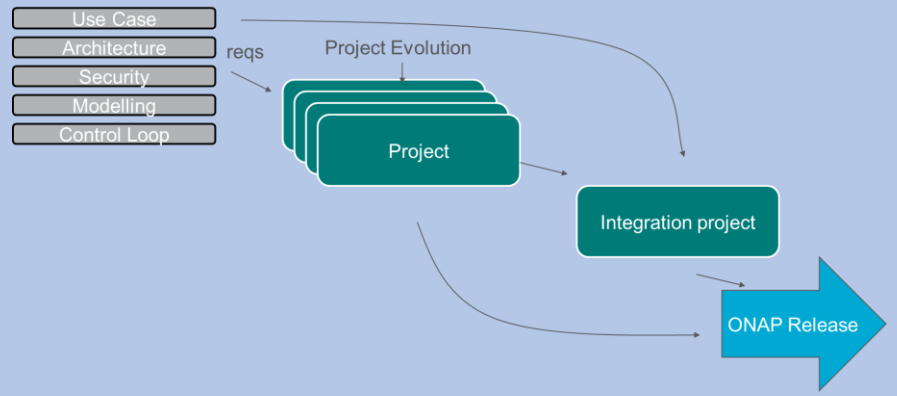


Projects & Releases

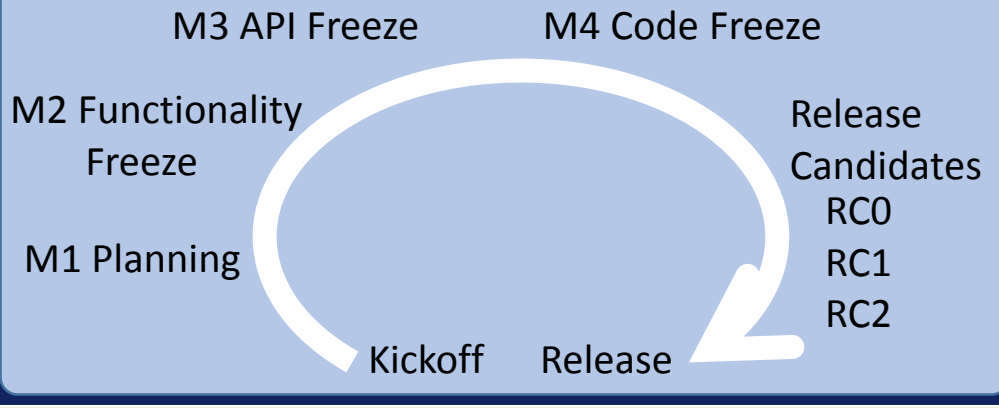


Projects scope is defined independent of the release.
The project decides to contribute to a release.

General Workflow

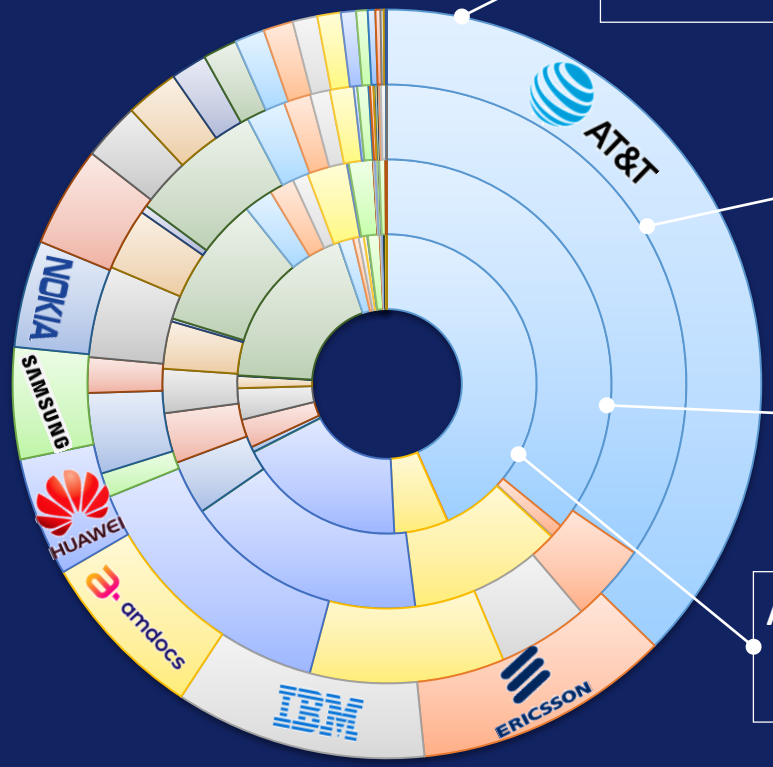


Release Lifecycle



Our Community Achievements

- Diversity
- Explore / Innovate
- End User Adoption
- Commercial Ecosystem



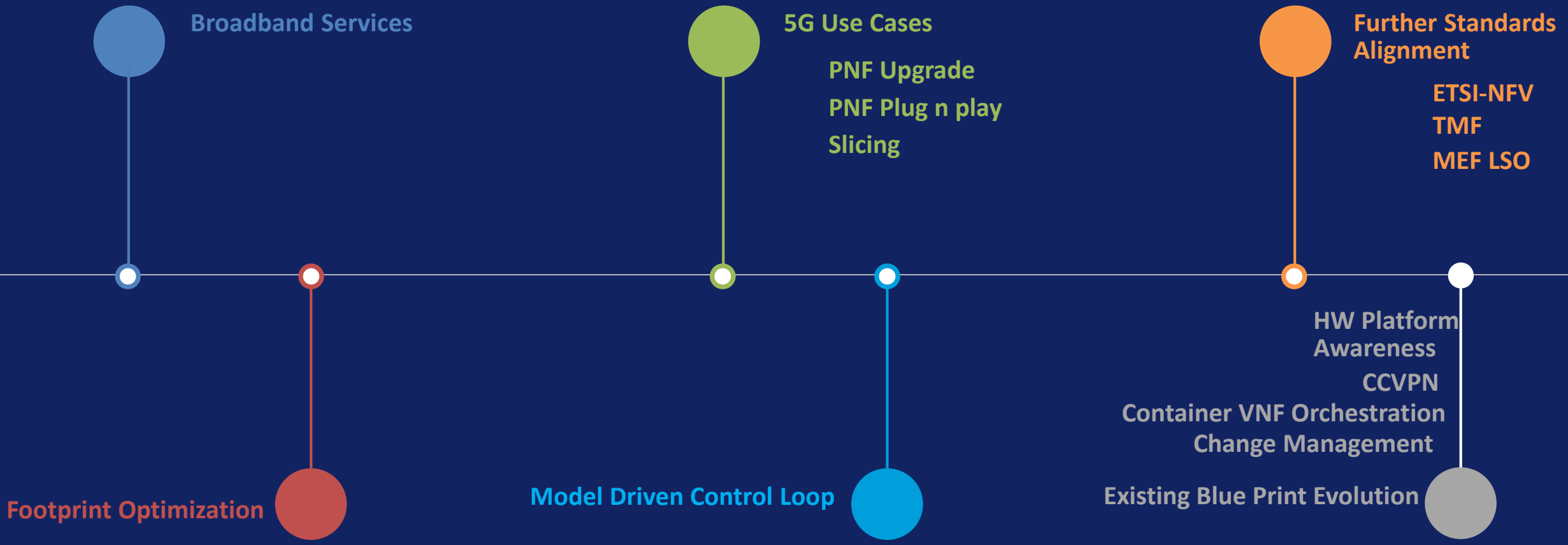
DUBLIN – In Progress
3,655 changesets
310 Authors

CASABLANCA
11,307 changesets
501 Authors

BEIJING
12,604 changesets
473 Authors

AMSTERDAM
9,819 changesets
324 Authors

Dublin Release Expectations



Challenges & Opportunities

- Prioritization
- Integration Capacity
- Release Cadence
- End User Advisory Group

What's Next …

Culture Shift:
Maintain Innovation while Performing Continuous Improvement

Engagement Model:
Evolve our Subcommittee Scope/Interaction

Vision:
Build our 3 Years ONAP Roadmap

ONAP
OPEN NETWORK AUTOMATION PLATFORM