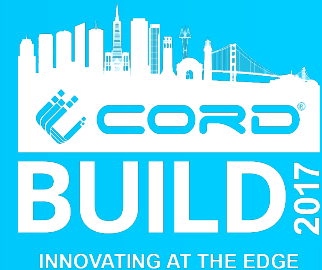




Use Case Steering

Aseem Parikh
VP Solutions & Partnerships

November 7, 2017

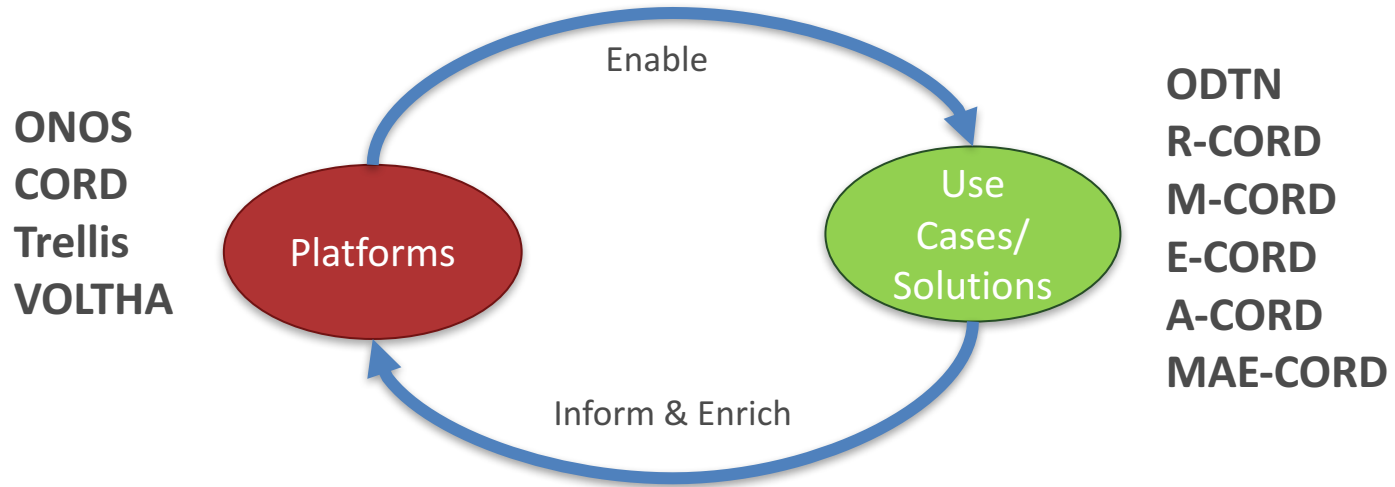


ONF's Mission

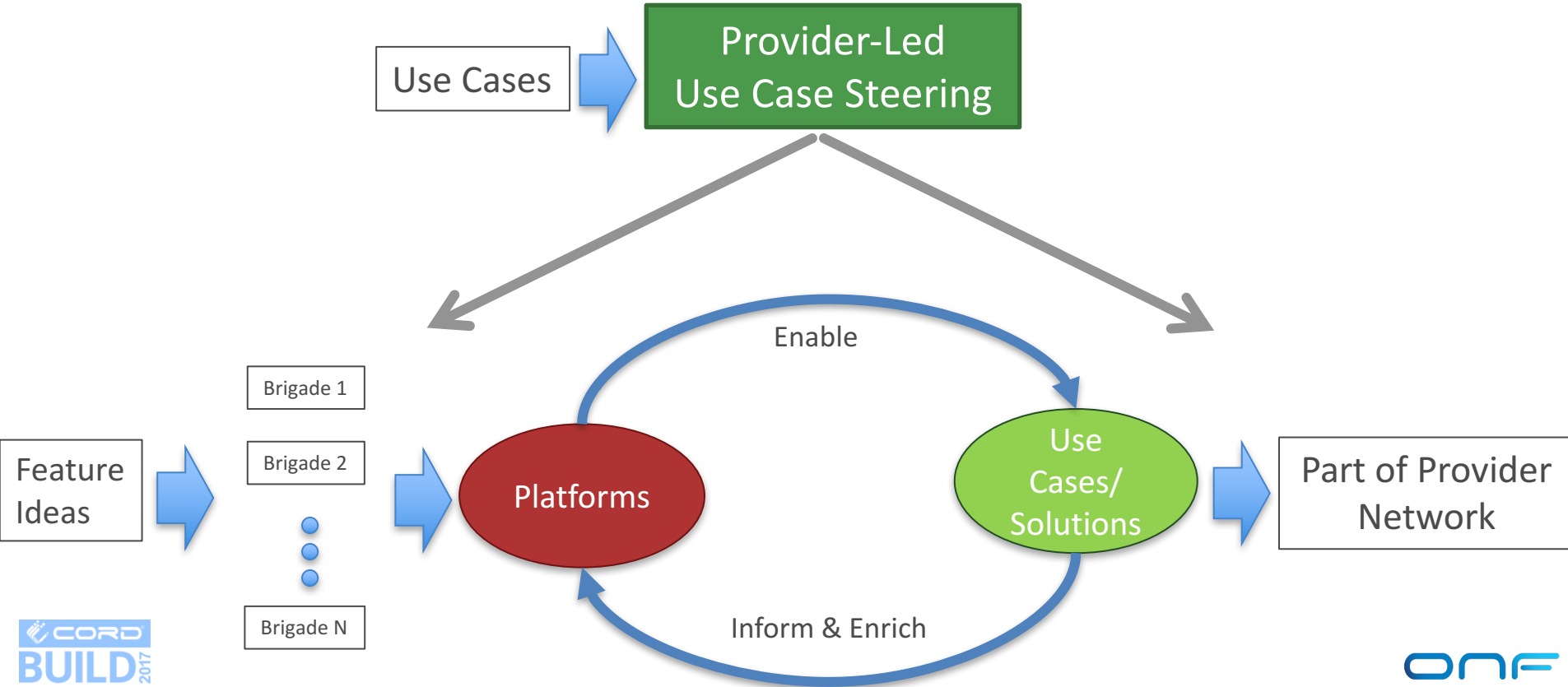
The Open Networking Foundation (ONF) is a non-profit operator led consortium driving transformation of network infrastructure and carrier business models.

ONF serves as the umbrella for a number of projects **building solutions** by leveraging network disaggregation, white box economics, open source software and software defined standards to revolutionize the carrier industry.

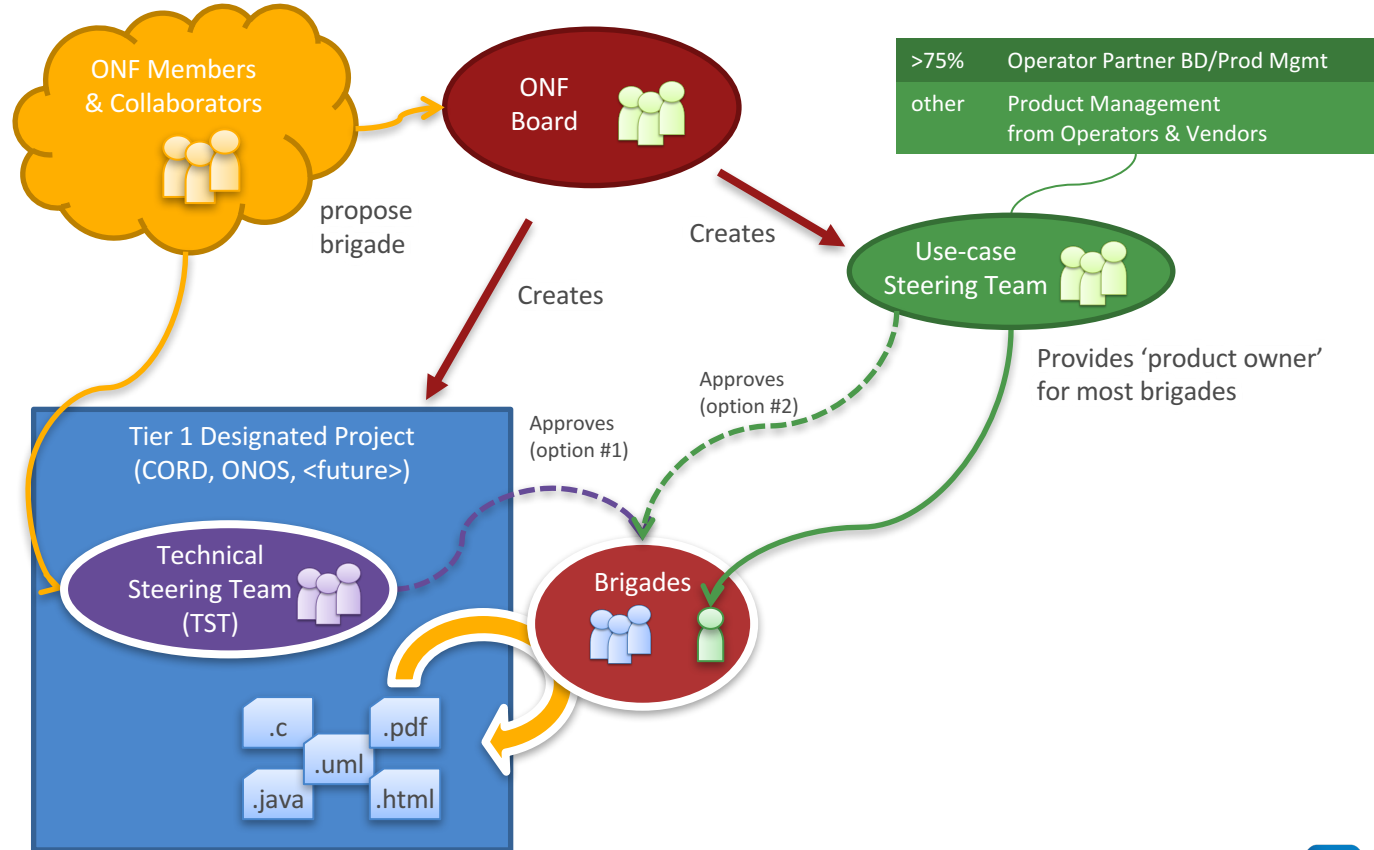
The Virtuous Cycle: Platforms and Use Cases



Use Case Steering: Idea to Impactful Contribution



ONF Working Model



ONF Use Case Steering Team (UCST)

- UCST is responsible for identifying and prioritizing use-cases that will be developed into solutions within the ONF-led projects (in the UCST context the term “use case” can also mean a demo or PoC).
- The primary role of the UCST is to work with the operators to prioritize the use cases most important to member operators. The development work of the ONF community will be prioritized on those use cases.
- Some of the work done by the UCST:
 - Receive proposals for use cases
 - Actively drive debate on the merit and priority of the use cases
 - Help shape use cases to have the most impact
 - Own/maintain the priority list of use cases and the process for its evolution
 - Ensure each use case has operator support - preferably multiple operators for each use case
 - Own finding the product owner for each use case that is prioritized so that as the use case gets worked on, it has a product owner to prioritize work and guide the vision for the end result
 - Work with ONF to find the engineering leader and to set up brigades

UCST's role is to help ONF efficiently fulfil its mission to revolutionize the industry.

UCST Formation & Composition

(As agreed by ONF board in July 2017)

- UCST is composed of:
 - One representative from each ONF Partner-level network operator (8)
 - UCST Co-lead comes from this group (elected by partner representatives of UCST)
 - Three elected representatives from ONF Innovator-level Operators (3)
 - Must be a technical lead from business unit responsible for product delivery
 - Three elected representatives from ONF Partner-level Vendors (3)
 - Must be a product manager from a Product BU, and not their research or architecture groups
 - Up to three ONF Board appointees (Includes the UCST Co-Lead) (1-3)
- In steady state, the UCST will have 15 to 17 members

ONF & SP Partner UCST Members

	Organization	Representative	Office Location
1	AT&T	Tom Anschutz	Atlanta, USA
2	China Unicom	Wei Zhou	Beijing, China
3	Comcast	Yiu Lee (Co-Chair)	Philladelphia, USA
4	DT	Hans-Jörg Kolbe	Darmstadt, Germany
5	Google	Anees Shaikh	Silicon Valley, CA
6	NTT Group	Toru Furusawa	Silicon Valley, CA
7	Turk Telekom	Memiş Akkuş	Ankara, Turkey
8	Verizon	Sandhya Narayan	Silicon Valley, CA
9	ONF	Aseem Parikh (Co-Chair)	Silicon Valley, CA

Elected UCST Members

(Elected for 1-year term starting Oct 15 '17)

	Organization	Representative	Office Location
10	China Mobile	Weiqiang Cheng	Beijing, China
11	Microsoft	Zaid Ali Khan	Silicon Valley, CA
12	Telefonica	Alfonso Carrillo	Madrid, Spain
13	Ciena	Lyndon Ong	Silicon Valley, CA
14	NEC	Osamu Matsuda	Tokyo, Japan
15	Radisys	Prakash Siva	Portland, OR

Characteristics of Good ONF “Use Case”

- Level of **impact** to the industry
- Level of **public support** from Operator(s)
- Plans by Operator(s) to **trials and deployment** in production network
- Level of detailed requirements (what and why)
 - Clear specification of “goals”, “roles/actors” and “interactions”
- Level of difficulty for ONF’s ecosystem to deliver
 - Cost/Benefit analysis
- Enthusiasm from vendor/developer **community to contribute**

What Artifacts will UCST Deliver?

- Received Use case specifications (un-prioritized)
 - Published on UCST wiki
- For prioritized use cases by the UCST, we are formulating plan to deliver a call to action (Request for Collaboration-“RFC”) and publish it on ONF website.
 - This document may result in creation of a new solution brigade

ONF UCST Online Resources

Web: <https://www.opennetworking.org/ucst/>

Wiki: <https://rs.opennetworking.org/wiki/display/COM/UCST>

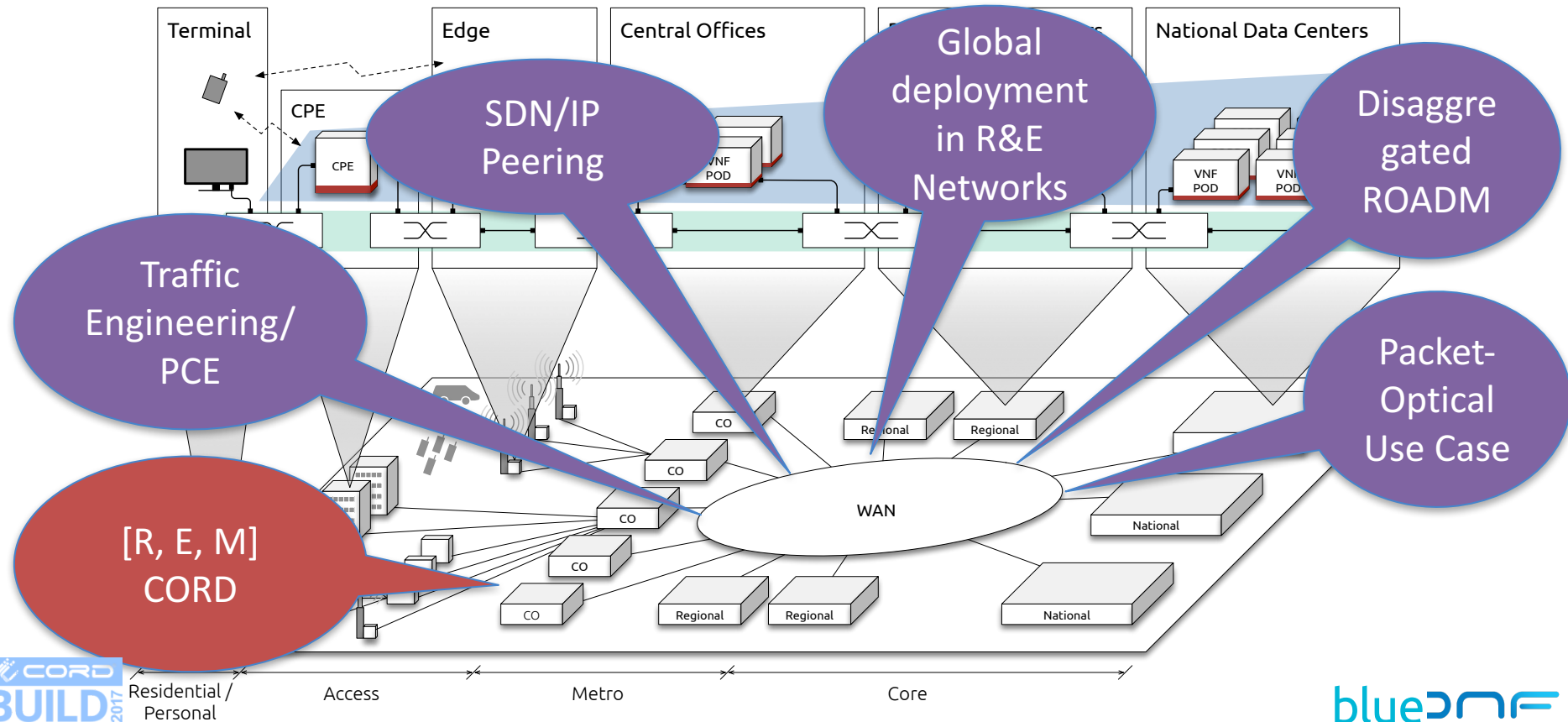
Submitting New Use Cases to UCST

- Download the “**UCST Use Case Template**” from <https://wiki.opennetworking.org/display/COM/UCST>
- Provide details on the requested
 - Use Case Overview & Description
 - Motivation
 - Business & Technology Drivers,...
- Submit use case to newusecase@opennetworking.org

Interesting Use Case submissions will be invited to present to the UCST

Current ONOS™ Use-cases

ONOS Use Cases, You know of Already



More Recent ONOS Use Cases that ONF & the Community is Working On

- OLT Disaggregation and VOLTHA
- Optical Disaggregated Transport Network (ODTN)
- Clos Fabric Control: Trellis
- RAN Disaggregation: xRAN Controller
- Air Traffic Management (commercial product)

Current CORD™ Use-cases

CORD Use Cases/PoCs

- R-CORD
- M-CORD
- E-CORD
- A-CORD
- Multi-Access Edge CORD
- CORD and ONAP Integration

Each of these have several use-cases/PoCs

Send your use-case for CORD to
newusecase@opennetworking.org

Thank you!