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▶ AUTOMATING TELCO CLOUD DEPLOYMENTS - WHY AND HOW

What is disruptive?



- Common belief- Market race
- New money - Extreme growth potential
- Strong value destroys current demands
- Significant social impact





5G Functionalities



Data Sovereignty



We are making the biggest investment ever to scale current market and exponential growth of new innovations!



Wave 1



Wave 2



Wave 3



Wave 4

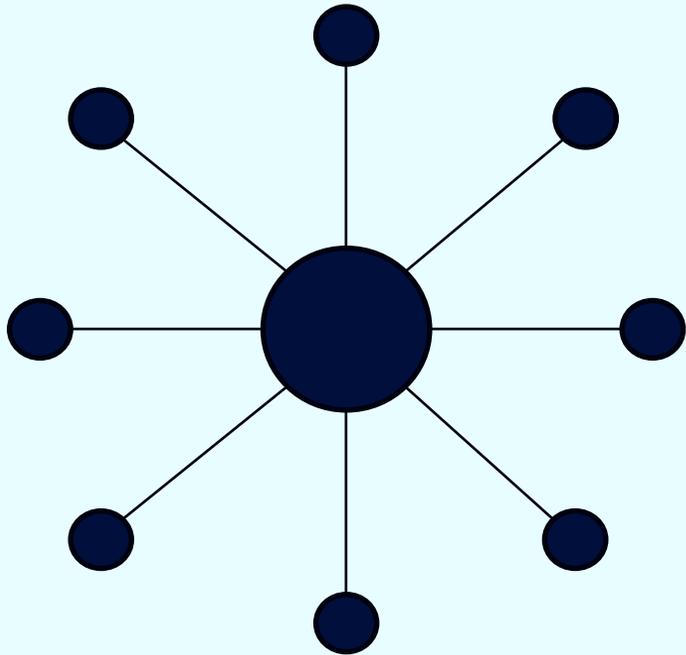


Wave 5

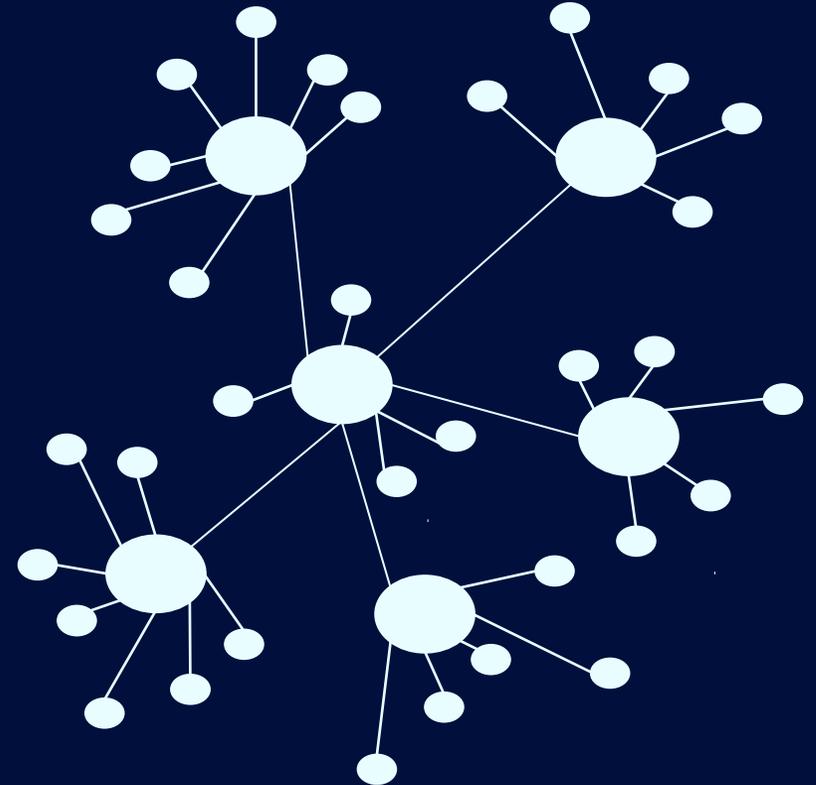


Vision vs reality!

Centralization

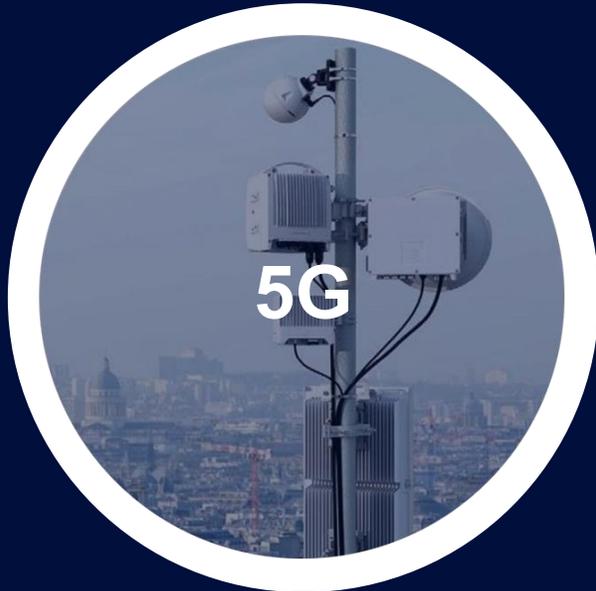


Decentralization



The scariest
strategy in the
world!





5G

We are modernizing the network...



Innovation

... a future proofed platform to scale innovation...



Collaboration

... in partnership between research and businesses.



Innovation by experimenting is key

B2B offer growth opportunities for connectivity and new services, yet **monetisation of 5G is slow**. With new players entering the telco market, **competition will be tough**.

Those who will innovate fast, at scale and be trusted will be winning the customers.



Energy



Defense & PPDR



Health



Industry



Transport



We

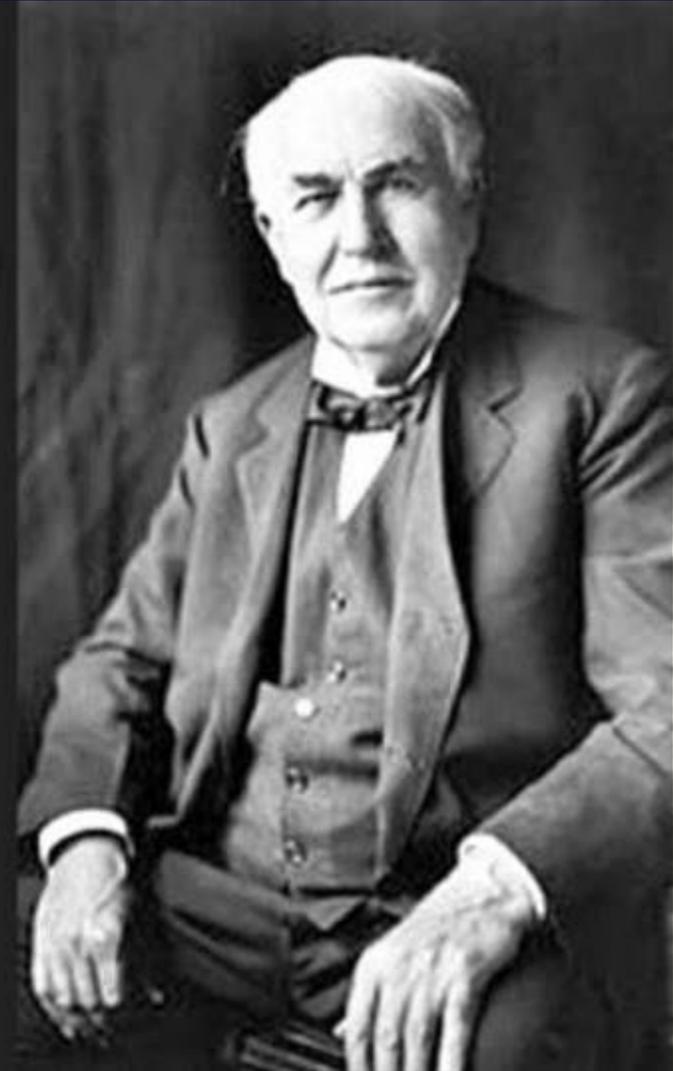
I have not failed,

we **I've just found**

10,000 ways

that won't work.

- Thomas Alva Edison



Innovation tool:

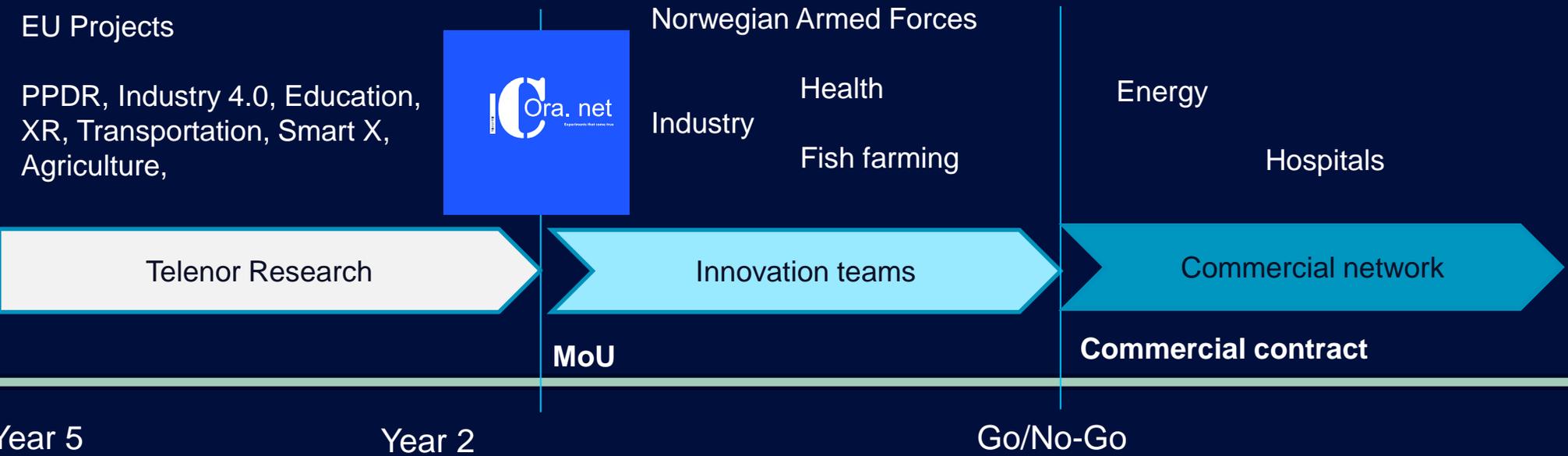
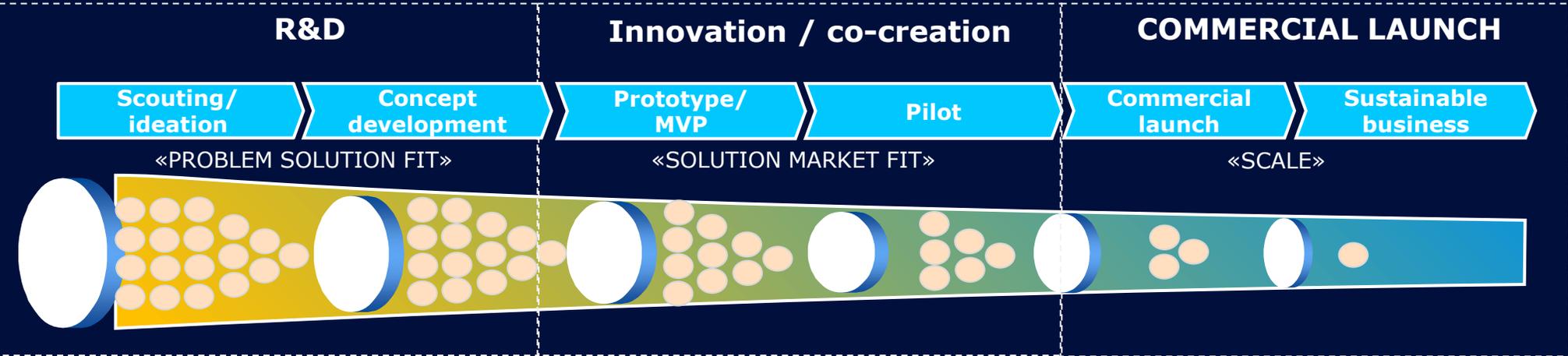
Telenor R&I
ICora.net

Experiments that come true

i – innovative
C – Cloud-native
O – Open
R – Resilient
A – Automated

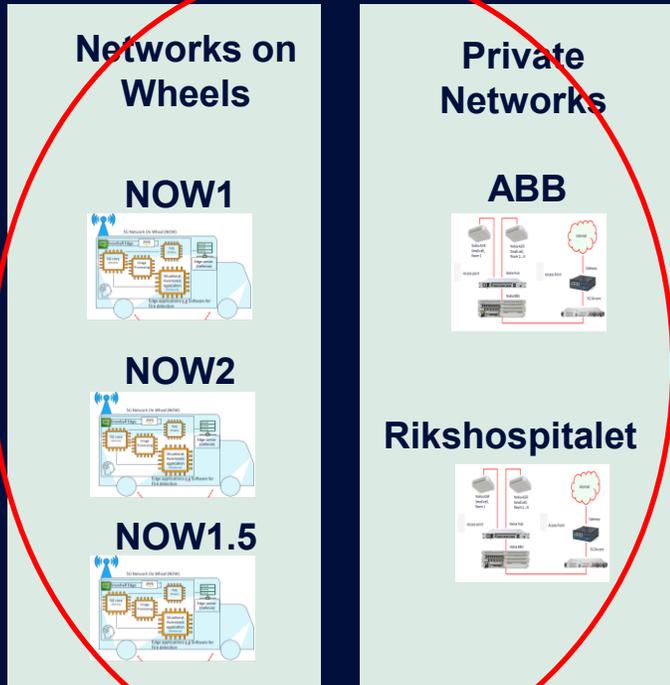
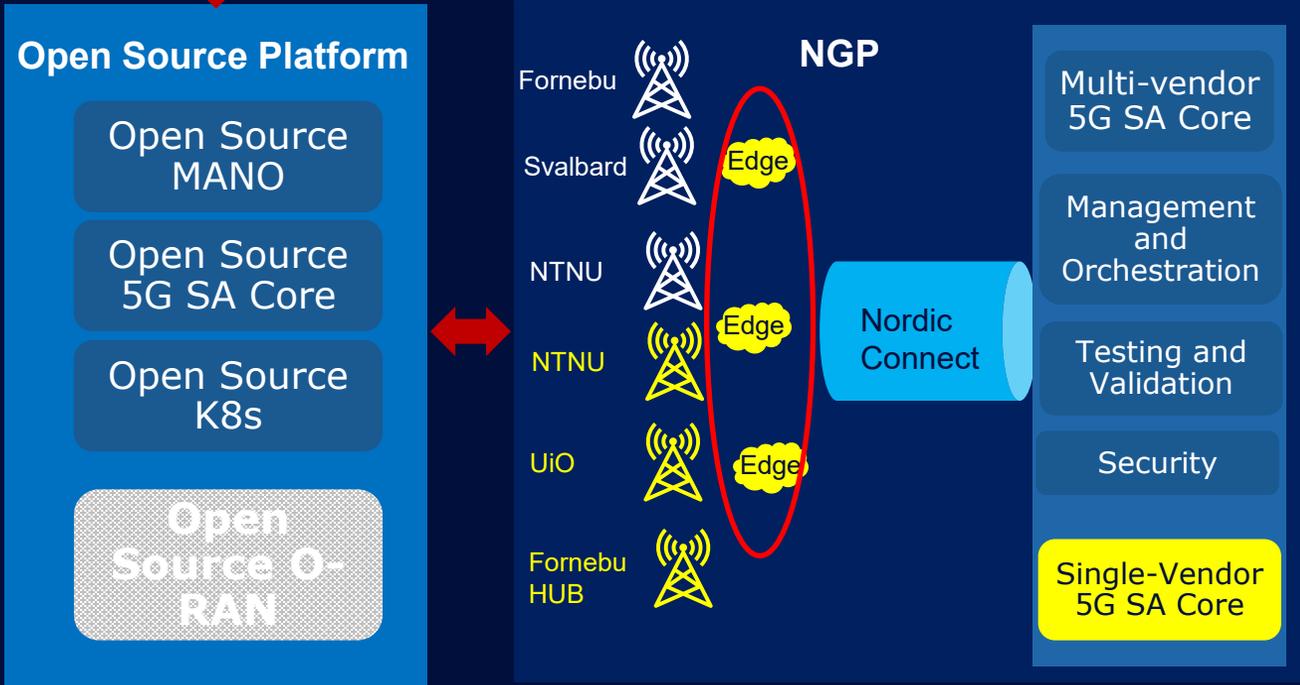


Successful innovation and co-creation with enterprise customers is a path for commercialization





iCORA Platform

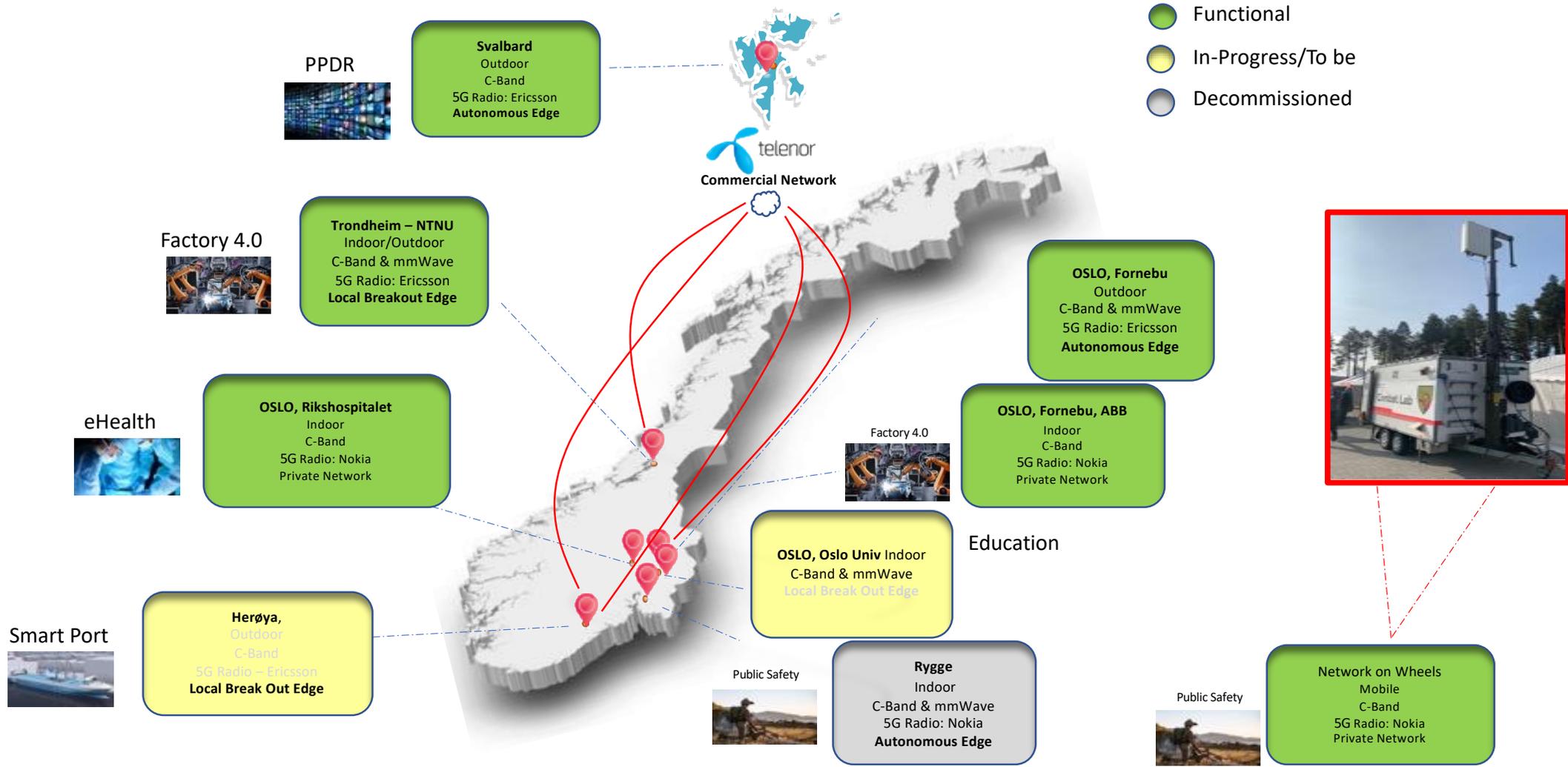


To TNOR labs
 To Clouds
 To EU platforms



NGP Overview – RAN, Edge, NPN

- Functional
- In-Progress/To be
- Decommissioned



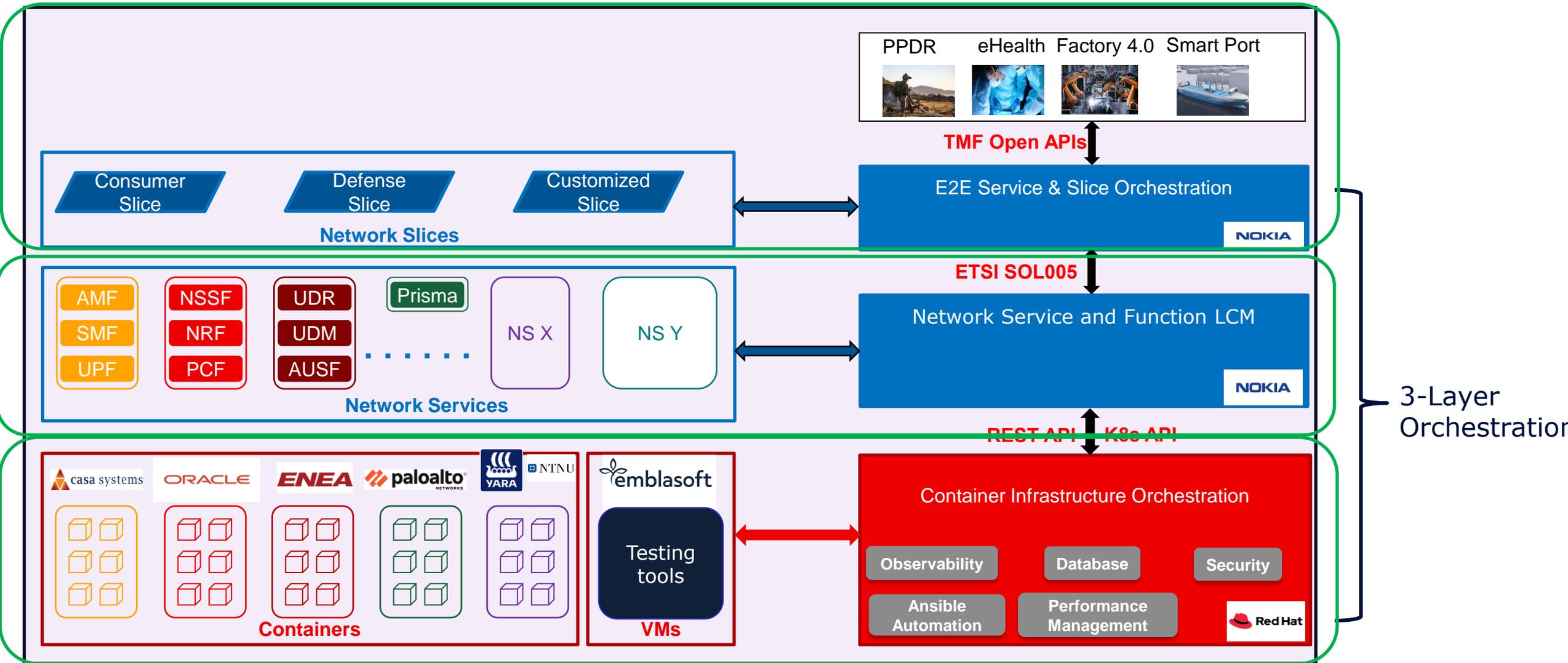
iCORA Platform Overview

Scale is the Key

Site	Type	Services	Use Cases	Stakeholders
Fornebu Outdoor	Public	Network Slicing PNI-NPN	All	
Fornebu Indoor	Public/MPN	Network Slicing PNI-NPN		
Svalbard outdoor	Public	Network slicing & Autonomous EDGE	PPDR, forestry	
Trondheim indoor	Public	Network slicing & LBO EDGE	Media	 
Trondheim outdoor	Public	Network slicing & LBO EDGE	Media	
UiO indoor	Public	Network slicing & LBO EDGE	Education, XR	
ABB indoor	NPN	Network slicing & PNI-NPN; I-NPN	Industry 4.0	
Rikshospitalet	NPN	MPN, PNI-NPN	Healthcare	
Network on Wheels	NPN	MPN; PNI-NPN; I-NPN	PPDR; Media	  



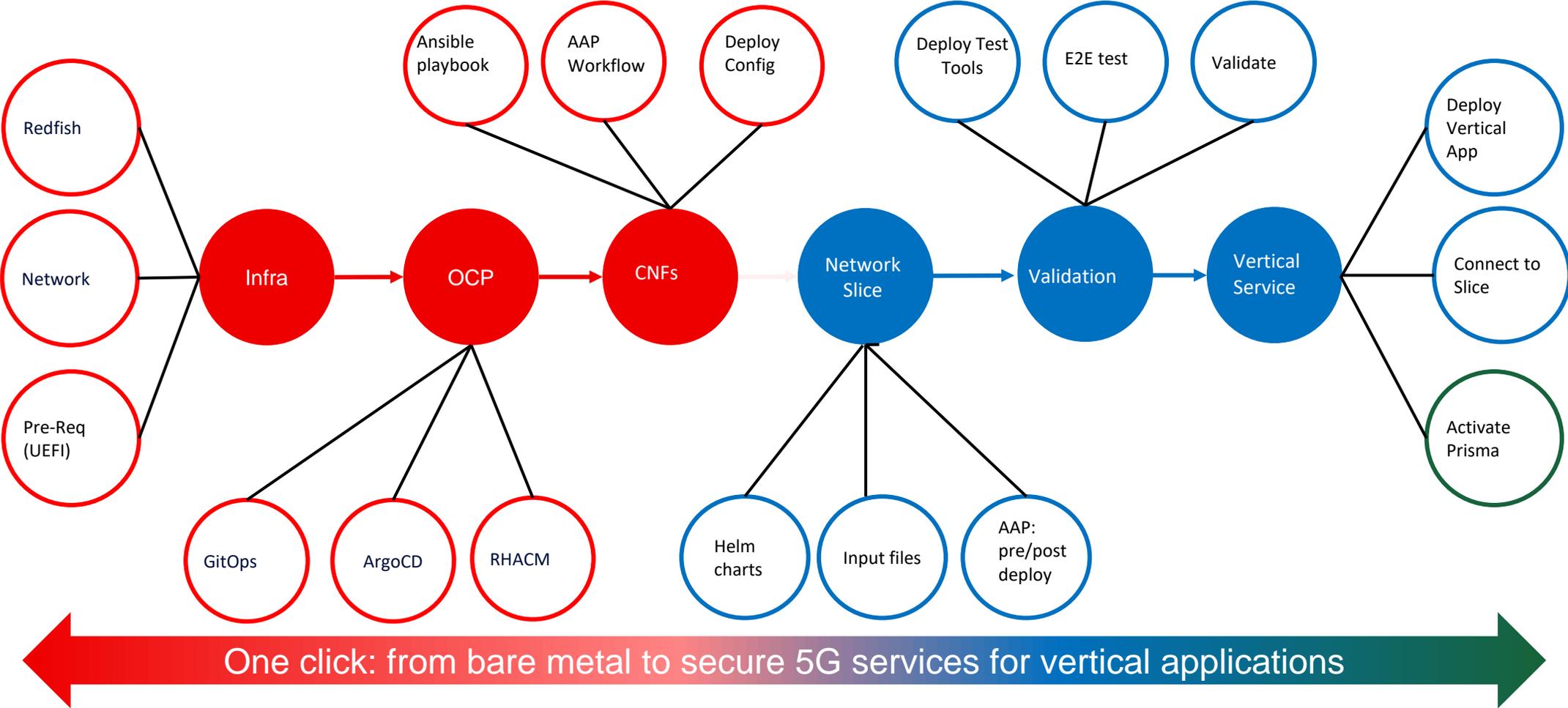
Method – Multi-Layer Orchestration Architecture



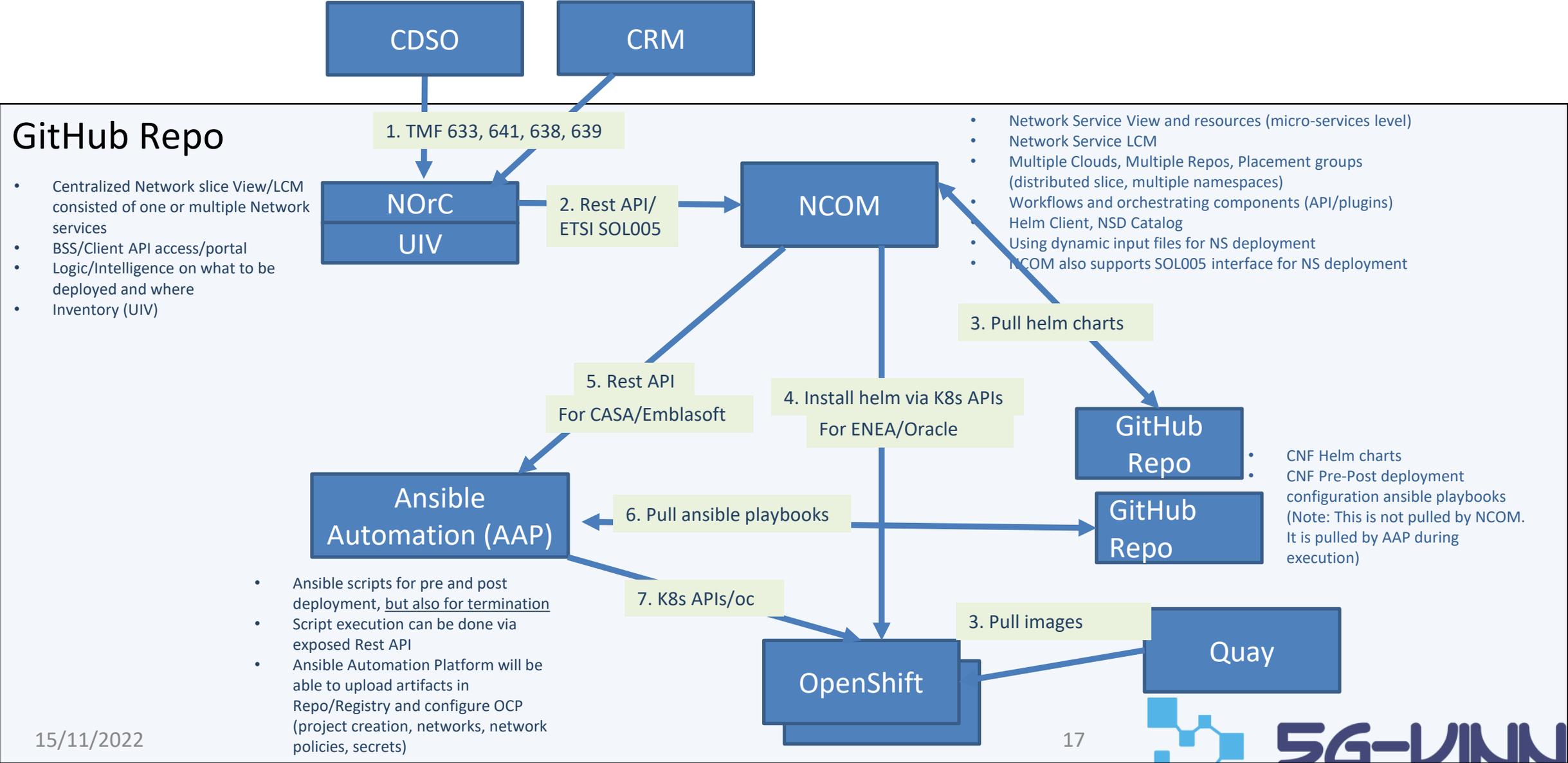
3-Layer Orchestration



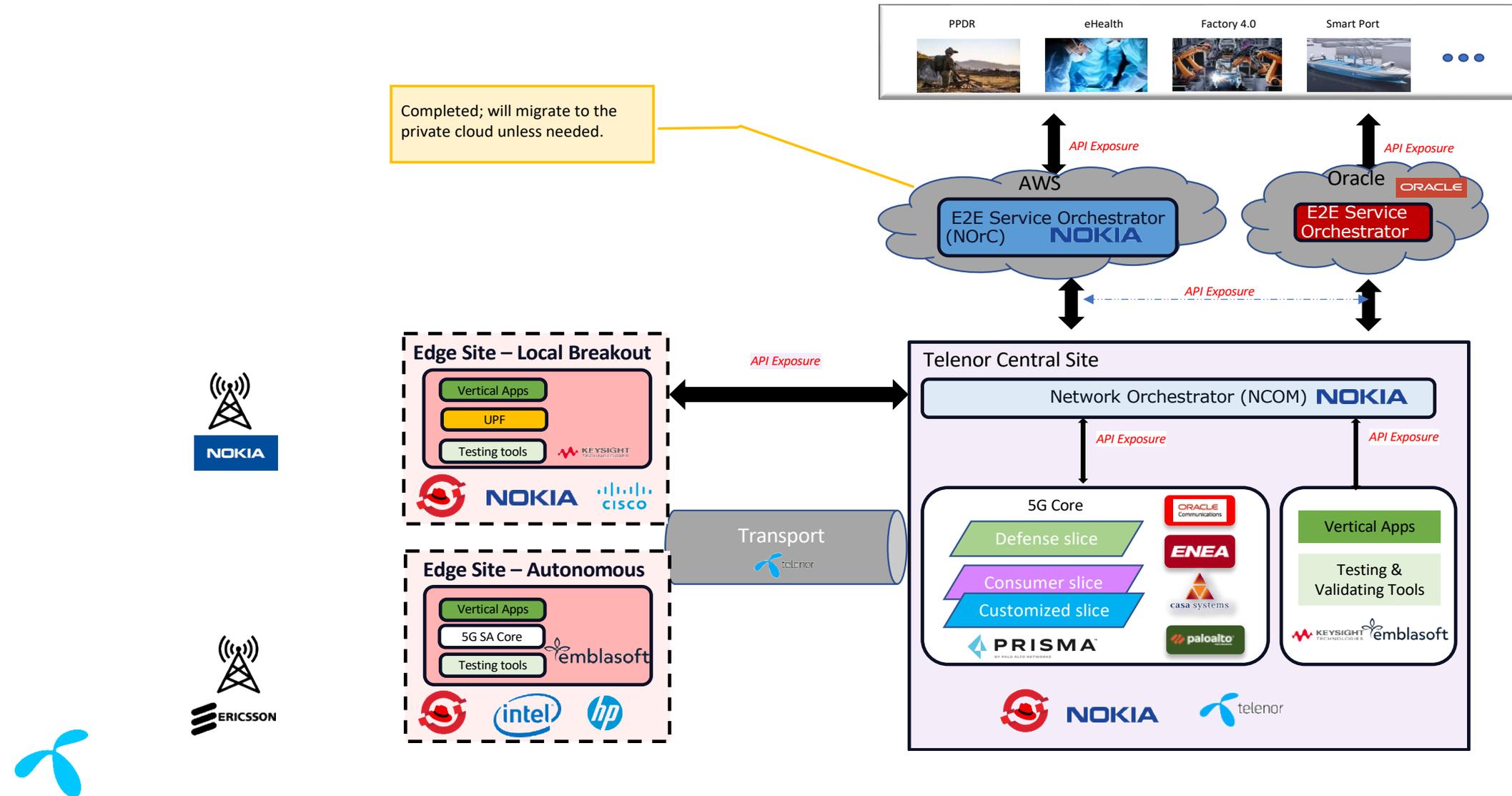
Automation Workflows



5G Network Service Lifecycle Management Automation

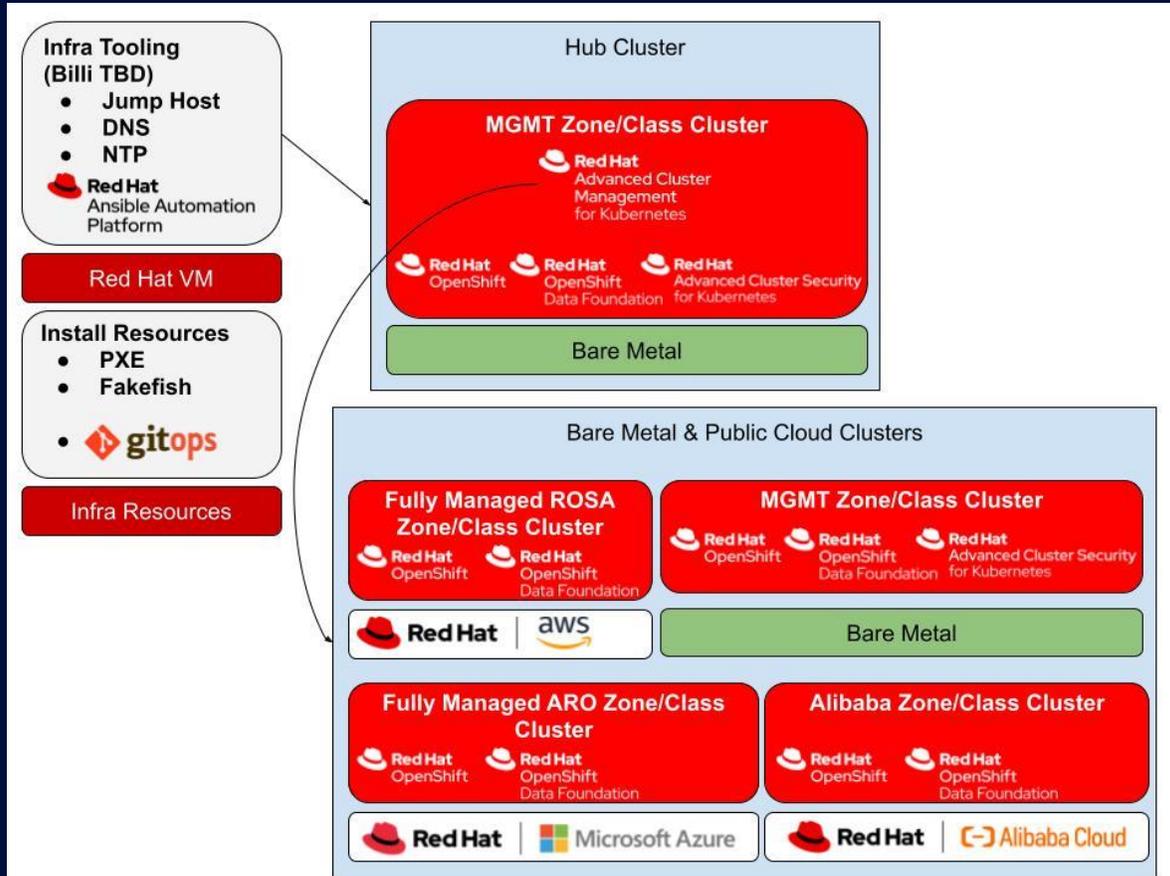


Next Step - EDGE Deployment Automation

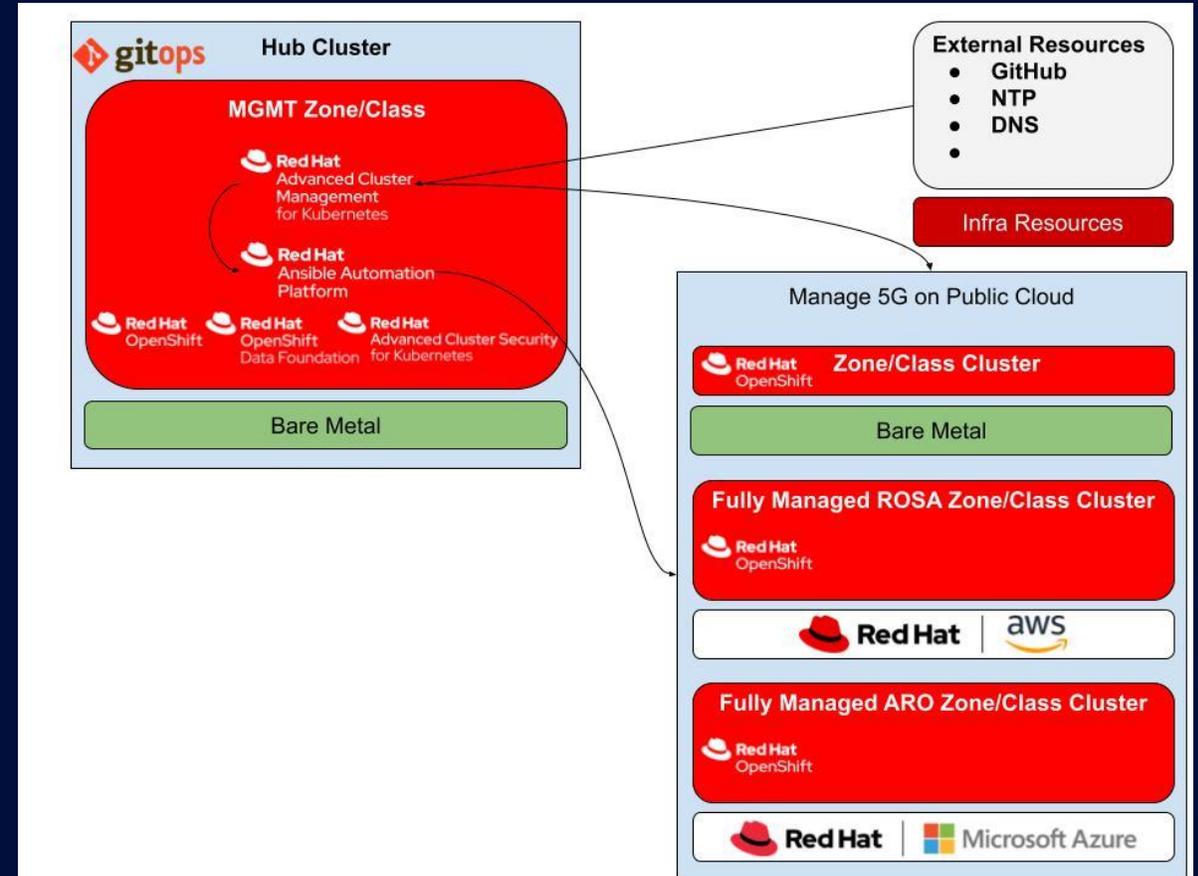


EDGE and NPN deployment automation

Step 1



Step 2



Q&A

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