sonata

agile service development and orchestration in 5G virtualized networks
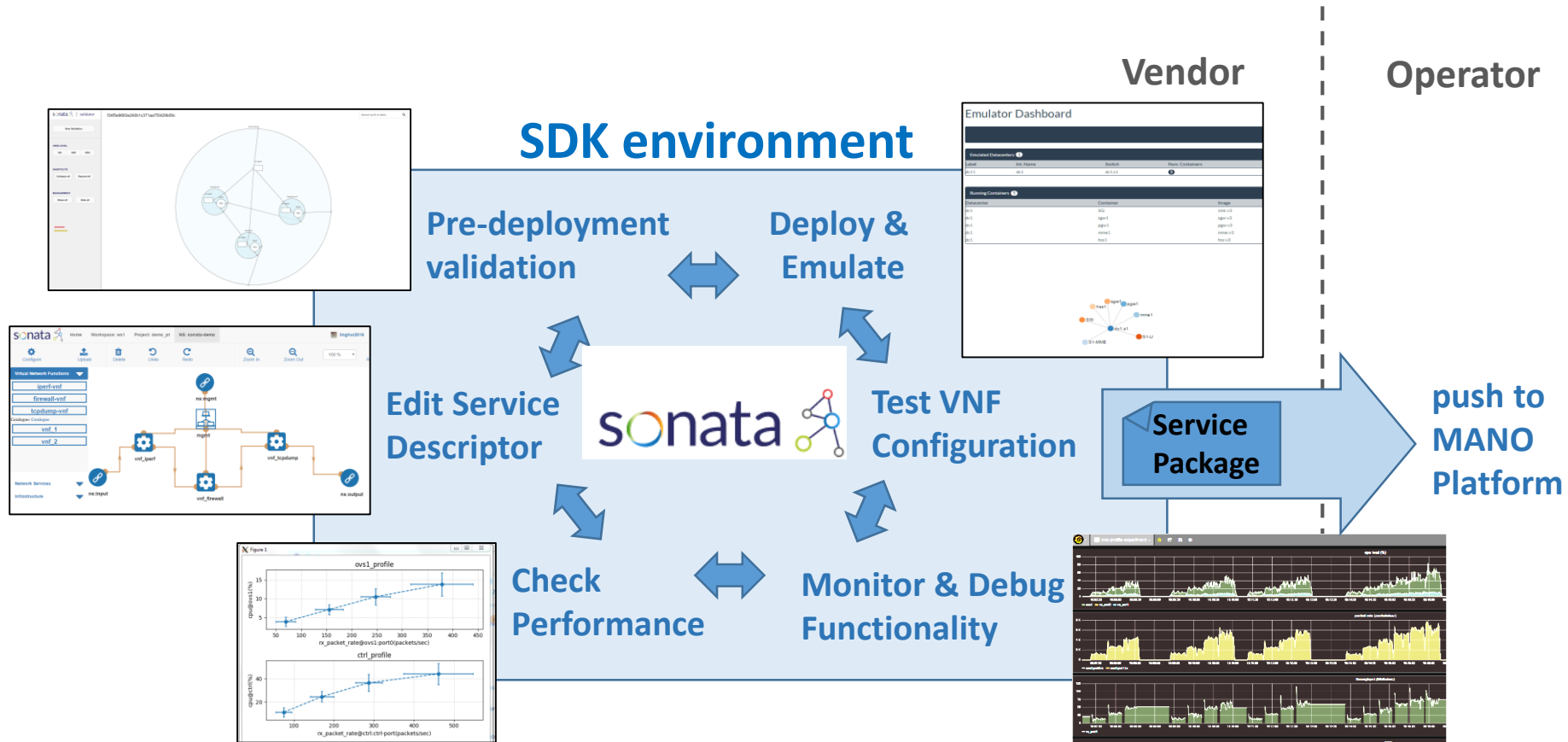
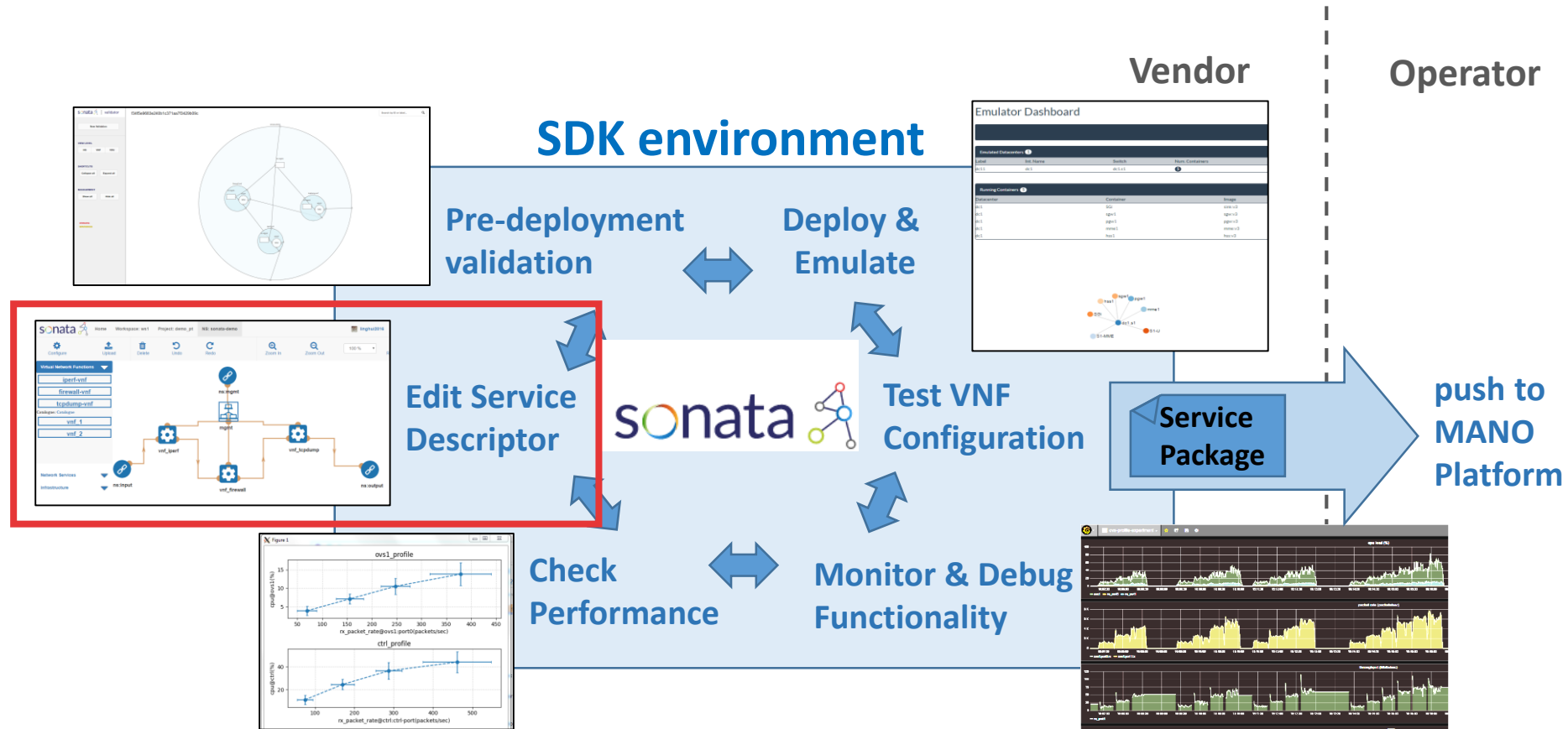imec

HORIZON
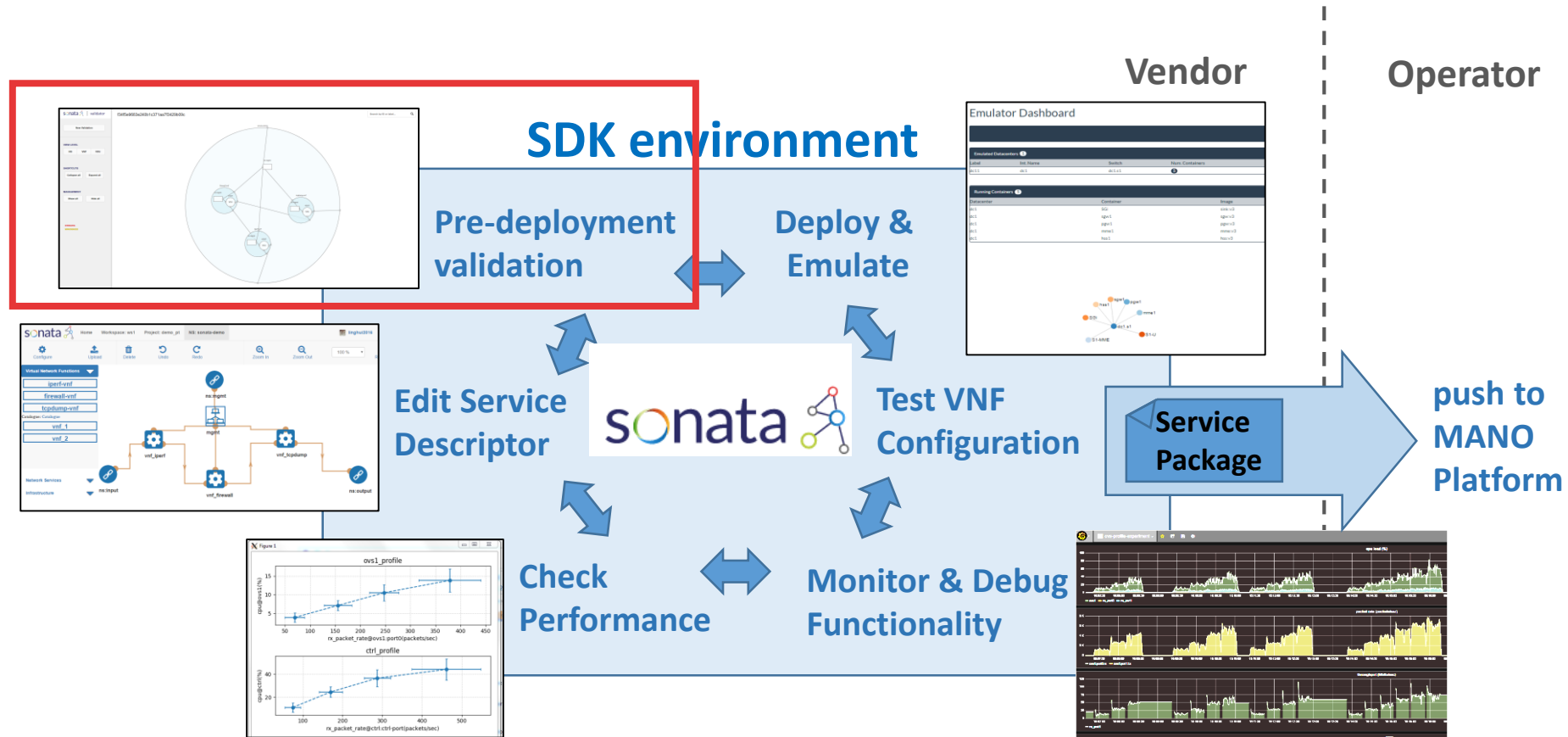2020

5G PPP

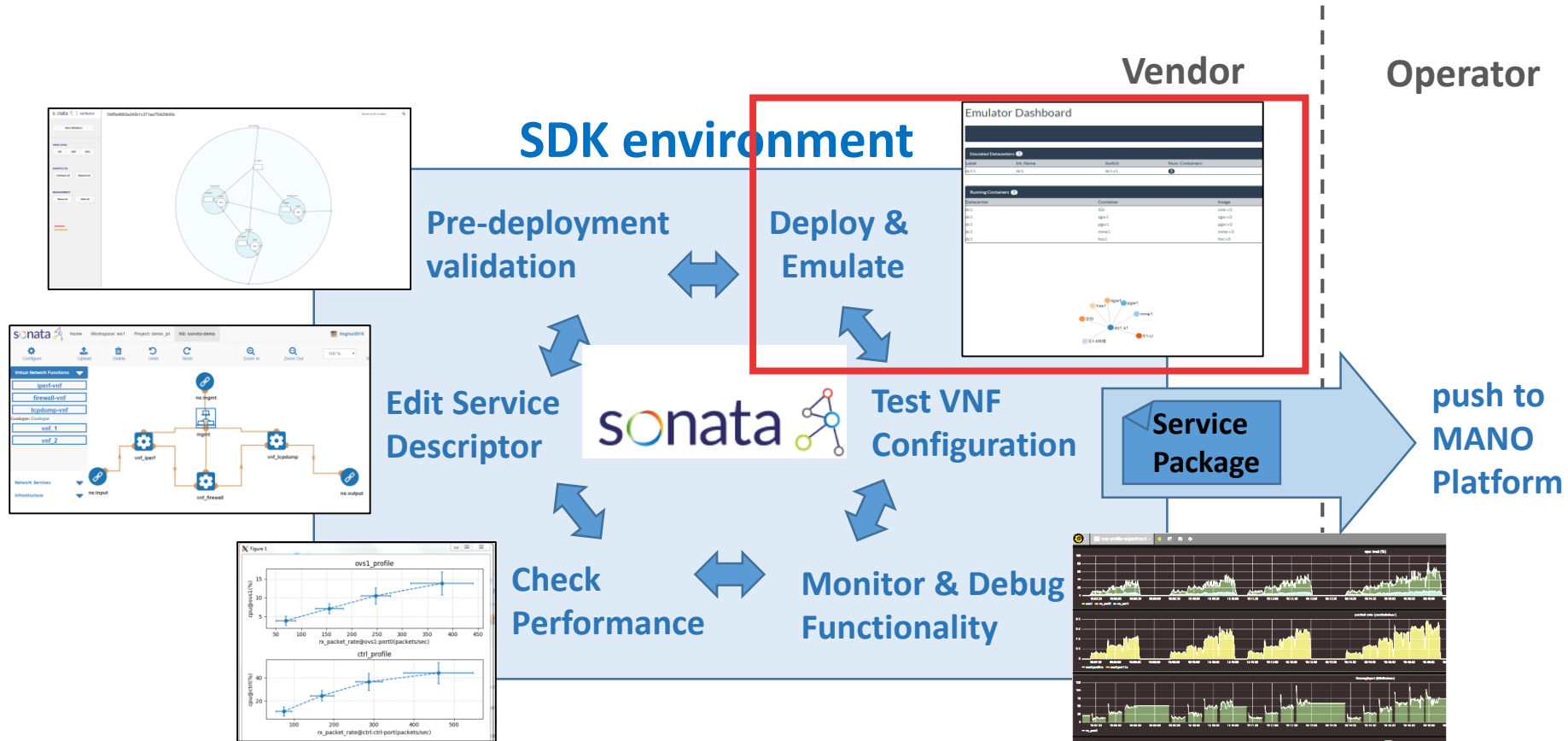# SDK Demo – Service lifecycle

Vendor

Operator

SDK environment

Pre-deployment validation

Deploy & Emulate

Edit Service Descriptor

Test VNF Configuration

Check Performance

Monitor & Debug Functionality

Service Package

push to MANO Platform

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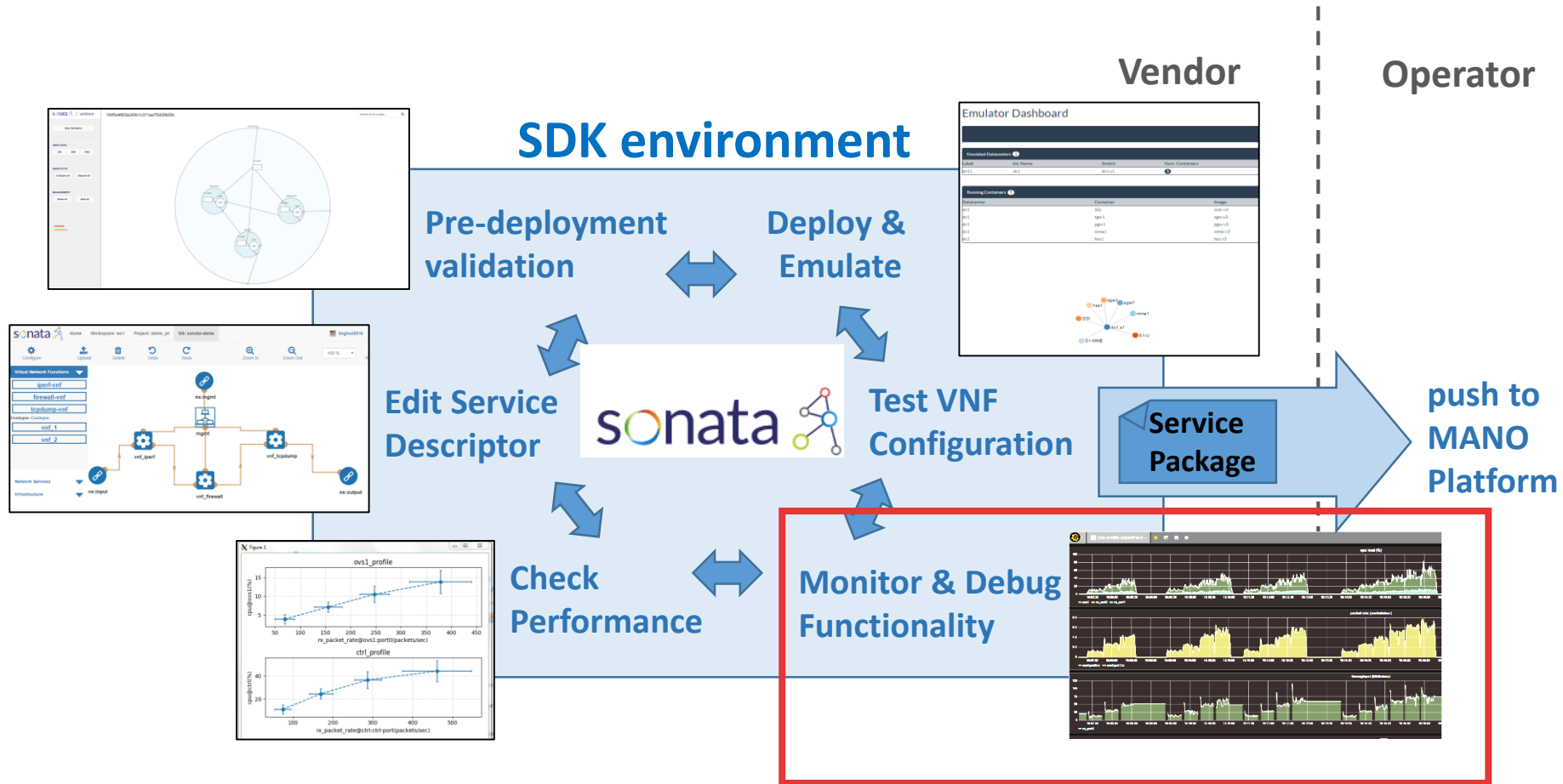**SDK environment**

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SDK Demo – Service lifecycle

vCDN service – emulated scaling example

non-scaled vCDN service:
traffic is routed from vCDN-users2 to Cache1

vCDN service – emulated scaling example

Emulate the scaling strategy adopted by the vCDN service: Cache2 is dynamically added and traffic re-routed from vCDN-users2 to Cache2

scaled vCDN service: Add a Cache2 VNF closer to the vCDN-users2
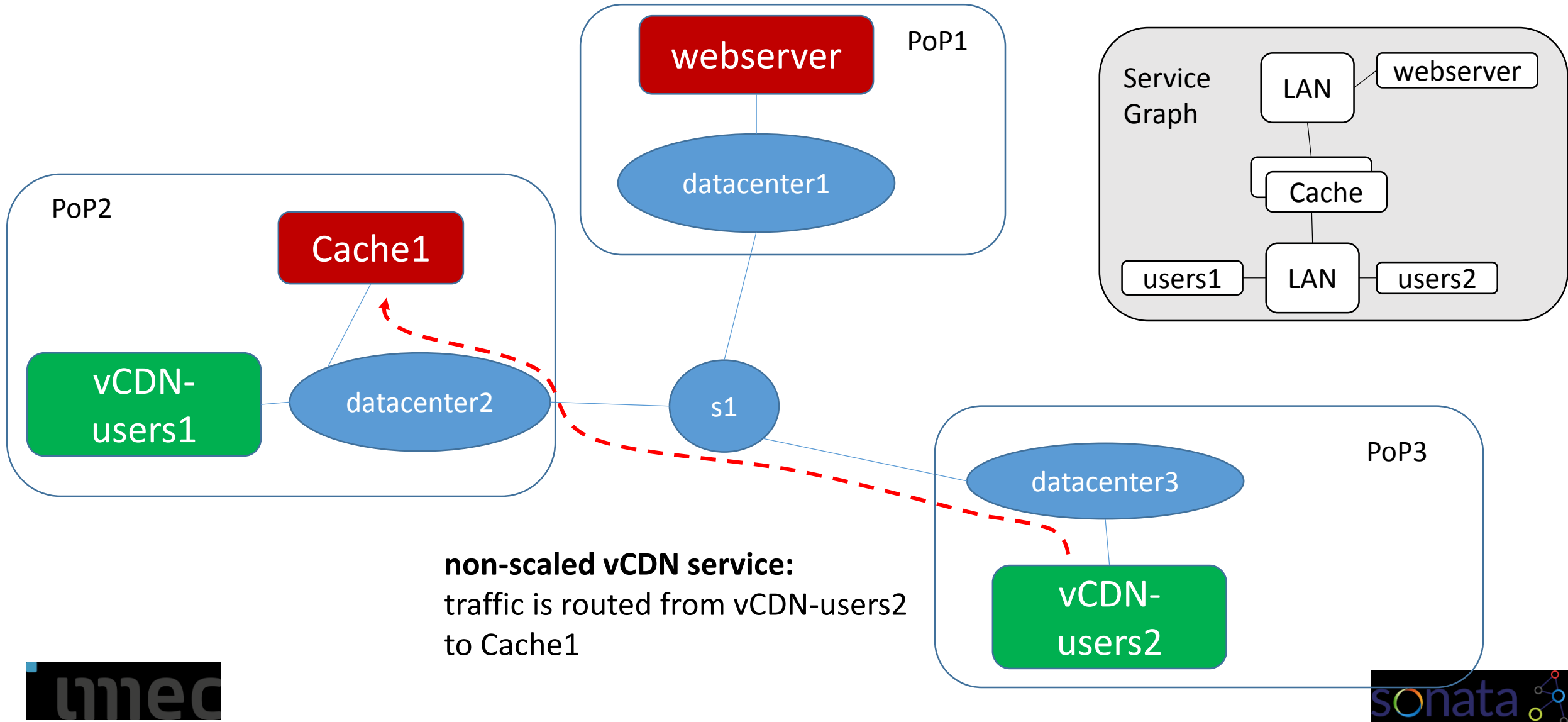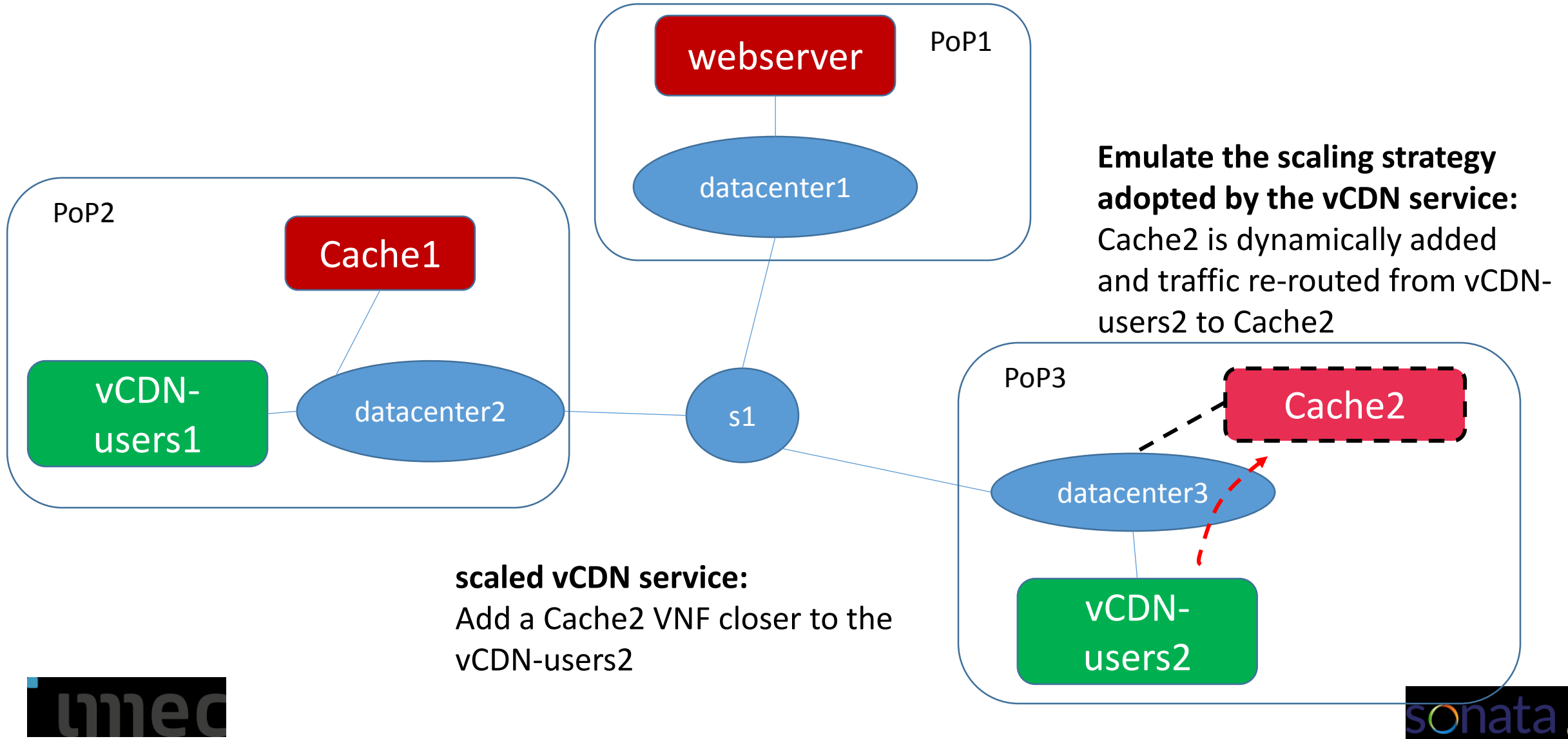
Where to find us
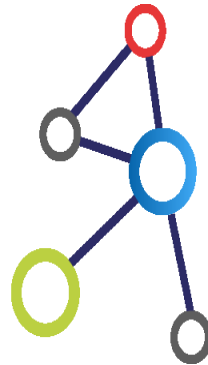
**Service Programming and Orchestration
for Virtualized Software Networks**

Part of 5G-PPP

HORIZON 2020:
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programme under grant agreement no 671517.

The used software is open-source:

- Developed in the European SONATA research project
- Available on GitHub

https://github.com/sonata-nfv

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