

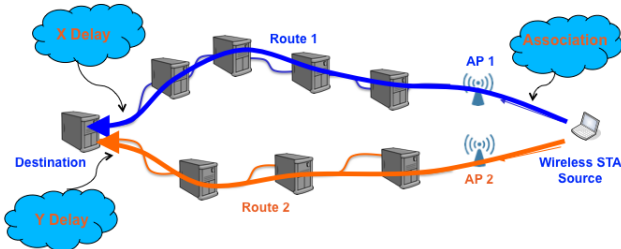
# Experimentation in Heterogeneous European Testbeds through the Openlab Facility: The case of PlanetLab federation with the wireless NITOS Testbed

## OpenLab Project:

- federates the wireless **NITOS** testbed with the wired **Planetlab** testbed
- enables the use of heterogeneous experimental facilities under an integrated environment.

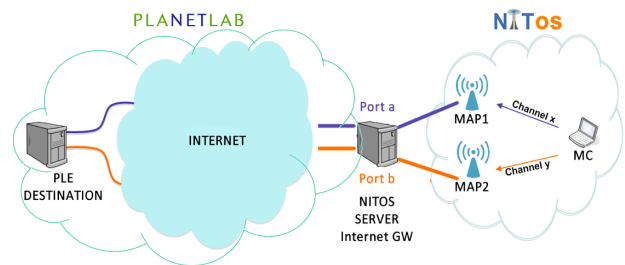
## INTRODUCTION

- The goal is to implement the following research scenario:



- Association of a wireless device based on end-to-end wireless and wired delay.

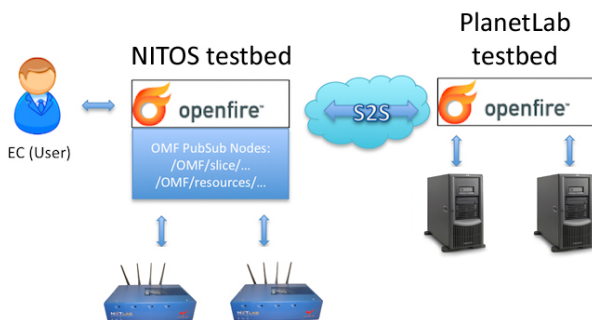
## FEDERATED ENVIRONMENT



- The experimental scenario is implemented in the federated **NITOS - Planetlab Europe** testbeds.

## FEDERATION FRAMEWORK

- Single Sign Up
- Deployment of **OMF/OML** at **PLE** resources
- XMPP** Communication using slices



## EXPERIMENTAL RESULTS

