OpenFlow-based Experimental Facility Persists After EU OFELIA Project End

OFELIA OpenFlow Experimental Facility Infrastructure and Functionality Continues to Exist and Remains Open for Experiments

October 22, 2013 – The EU-funded project OFELIA announced the continued availability, maintenance and further development of the pan-European OFELIA OpenFlow-based testbed facility. The OFELIA facility comprises ten federated islands dispersed over Europe and Brazil. Cross-island experiments are enabled with OCF, the OFELIA Control Framework. There are a number of ongoing collaborations and interconnections with other OpenFlow infrastructures.

After three years of work and collaborations, at the end of the EU project OFELIA, the OpenFlow-based experimental testbed facility OFELIA comprises ten federated islands dispersed over Europe and Brazil. The facility will not end with the EU project. OFELIA Island owners and project members agreed to keep the facility up and to continue use, experiments and further development of the OFELIA Control Framework.

The "OFELIA Foundation Task-Force" was set-up and focuses on four aspects to sustain and coordinate OFELIA's software development: academic and industrial relations, software development, network connectivity.

The OFELIA OpenFlow-based experimental facility is a pan-European experimental network facility that allows researchers to not only experiment “on” a test network but to control and extend the network itself precisely and dynamically. OpenFlow is a key component of the new networking paradigm called Software Defined Networking (SDN). Generally, the use of the OFELIA facility is provided "as is" as a free-of-charge best-effort service. Any user accepting the usage policy is welcome to experiment on the OpenFlow-enabled testbed.

The project OFELIA was supported within the 7th Research Framework programme of the European Community. The project consortium consists of the following organizations: European Center for Information and Communication Technologies (EICT), Germany; Deutsche Telekom Laboratories, Germany; University of Bristol, UK; i2CAT Foundation, Research and Innovation in the Internet Area,

Spain; Technische Universität Berlin, Germany; NEC Europe Ltd., U.K.; Interdisciplinary Institute for Broadband Technology (iMinds), Belgium; Eidgenössische Technische Hochschule Zürich, Switzerland; Stanford University, USA; ADVA Optical Networking SE, UK; Consorzio Nazionale Interuniversitario per le Telecomunicazioni (CNIT), Italy; Center for REsearch And Telecommunication Experimentation for NETworked communities (CREATE-NET), Italy; Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) , Spain; Lancaster University, UK; Instituto de Telecomunicações Aveiro (ITAV), Portugal; University of São Paulo, Brazil; Federal University of Uberlândia, Brazil. For further information about the project, please visit the official website: http://www.fp7-ofelia.eu/. For additional information regarding the OpenFlow technology, please follow the links to the Open Flow Consortium (http://www.openflowswitch.org/) and the Open Networking Foundation (http://www.opennetworkingfoundation.org/).