Wireless Software and Hardware platforms for

Flexible and Unified radio and network controL

Project Deliverable D6.5

Second testbed-on-the-move toolset

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Actual date of delivery:	23-12-2016
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Work package:	WP6 – Testbed on the move
Estimated person months:	See D6.4
Nature:	O
Dissemination level:	PU
Version:	1.0

Abstract:

Second release of software tools on the WiSHFUL portal for setting up the portable testbed, together with the supporting documentation (including scenarios where a wireless control channel is feasible and instruction manual for deployment).

Keywords:

Portable testbed, Experimentation tools, GitHub, Wireless Backbone Network,

Second Portable Testbed Toolset

The portable testbed toolset contains two separate toolsets.

The first toolset is identical to the Experimentation Toolset used in WP5. This is because the experimentation tools that can be used on the fixed WiSHFUL testbeds can also be used to run experiments on the portable testbed.

The second toolset contains all information needed to setup, configure and optimize the wireless backbone of the Portable Testbed, using WiSHFUL UPIs.

1. Experimentation Toolset
   - Documentation: http://www.wishful-project.eu/ExperimentationTools
   - GitHub: https://github.com/WirelessTestbedsAcademy/ExperimentationTools
   - Short description: This toolset contains the second release of new and extended experimentation tools on the WiSHFUL portal, together with the supporting documentation. It contains tools for the provisioning of testbed resources, automated experiment control and unified measurement collection.

2. Portable Testbed Toolset
   - Documentation: http://www.wishful-project.eu/PortableTestbed
   - GitHub: https://github.com/wishful-project
   - Short description: This toolset contains a implementation of the Backbone Network Controller and the Backbone Network Agent. A simple example is included in the GitHub repository that shows how the toolset can be used.