

**1<sup>ST</sup> MEETING OF STF516 WG3**  
**“Mandate M/462 Efficient energy use in fixed and mobile ICT networks”**

The meeting session is scheduled to start at  
1.00pm Sunday 2<sup>nd</sup> October 2016 but was deferred to 2.00pm

**DRAFT MINUTES**

**Hotel Indigo**  
**Helsinki**  
**Room: 504**

Sunday 2 <sup>nd</sup> October 2016			
2.00 pm	1	<b>Opening of session</b>	
		Mike Gilmore opened the session and listed questions that needed to be answered. All were addressed within the agenda topics and are detailed below.	
	2	<b>Administrative matters</b>	
	2.1	Attendance record/plan	All
		Attendees: Mike Gilmore Henry Wong	
	2.2	STF matters	
	2.2.1	Contact list	All
	2.2.2	Contracts and other matters <a href="https://portal.etsi.org/STF/STFs/Summary.aspx">https://portal.etsi.org/STF/STFs/Summary.aspx</a> Contract with Henry Wong is completed	All
	2.2.3	ETSI STF site <a href="https://portal.etsi.org/STF/stfs/STFHomePages/STF516">https://portal.etsi.org/STF/stfs/STFHomePages/STF516</a>	All
	2.2.4	Team Photo	All
		A photo of Henry Wong was taken. It will be used to construct the STF team collage.	
	2.2.5	ETSI TAM	All
		A number of experts have used the TAM tool.	
	3	<b>Documents Check via</b> ETSI STF 516 DocBox <a href="https://docbox.etsi.org/STF/STF516_M462_EnergyEfficiency/STFworkarea/WG3/Documents">https://docbox.etsi.org/STF/STF516_M462_EnergyEfficiency/STFworkarea/WG3/Documents</a>	All
		The https address provides the source of uploaded documents.  In order to upload documents it is best to use the ftp (or File Explorer) address as follows  <a href="ftp://docbox.etsi.org/STF/STF516_M462_EnergyEfficiency/STFworkarea/WG3/Documents">ftp://docbox.etsi.org/STF/STF516_M462_EnergyEfficiency/STFworkarea/WG3/Documents</a>  However, it was preferred that experts did not upload the WG folders since all documents had to be numbered in order so that their relevance is clear.  It was pointed out that it was unclear who had access to the WG folders. <b>Action item: Thierry Comont to confirm</b>  All WG experts could access all WG documents and were free to comment on any documents for which current comment sheets existed. At the end of the comment phase the comments sheets will be deleted.	
	4	<b>Approve Agenda</b> (document 01/01)	All
		As highlighted in item 1, the questions from Henry were address within the agenda items.	

		The agenda was modified to correct an error and listed as Approved Agenda in document 01/01a.	
	5	Confirm Minutes of Meeting xx	All
	6	Actions from Meeting xx	All
	7	Matters Arising from Meeting xx	All
	8	<b>Review Minutes of Kick-off Meeting</b> (document 01/02)	<b>All</b>
		WG3 activity on EEPS24 (now designated EN 303 470) is already full allocated. It was noted that WG1 and WG2 had reviewed the cost and expert resource availability for their projects and it had been recommended to Alberto Berrini that: <ul style="list-style-type: none"> <li>project funding should be revised (some reduced and some increased);</li> <li>certain contracts should be extended;</li> <li>A 2<sup>nd</sup> Call for Experts.</li> </ul>	
	8.1	Questions	<b>All</b>
	9	<b>Incoming Reports</b>	
	9.1	ETSI STF 516 Steering Group	
		An Interim Report has been submitted to STF 516 Steering Group which was required to be "signed off" on the 30 <sup>th</sup> September. This report is listed as document 01/09. This will be uploaded to WG1 and WG2 also. The "milestone" was that all documents from all WGs had been uploaded as either WDs of skeleton drafts.	
	9.2	ETSI EE (document 01/03 and 01/03a)	
	9.3	ETSI STF 516 WG1 (document 01/04)	
	9.4	ETSI STF 516 WG2 (document 01/05)	
		<ul style="list-style-type: none"> <li>WG2 have taken responsibility for EN 305 200-2-2 (KPI fixed access network) and EN 305 200-2-3 (KPI mobile access network)</li> <li>WG2 have proposed funding reductions in EN 303 472 (KPI RAN) and funding increases in EN 303 471 (KPI NFV in terms of "operational systems).</li> <li>the latter has also identified a need for further expertise.</li> <li>Henry suggested that he is able to assist (extension of contract) but also would be able to identify additional expertise.</li> </ul>	
	9.5	Other ESO input	
	9.6	Other international standards input	
	9.6.1	ITU-T SGs	
	9.7	Other reports	
	10	<b>Development of STF516 WG3 documents</b>	
	10.1	<b>DEN/EE-EEPS24</b> <b>EN 303 470</b> Measurement Process for Energy Efficiency KPI for Servers	<b>MG-HW</b> <b>100% cover</b>
	10.1.1	Introduction	
	10.1.2	Scope The document shall define Energy Efficiency KPI for Servers and relevant process to perform measurement and manage the KPI calculation.	
		Henry Wong has a proposal for the relevant KPI based on capability assessment of server objectives and "deployed power". This conflicts with that of the LoT 9 consultant whose metric does not correlate with the objective power results in a data centre deployment. The Lot 9 consultants' proposal incentivises the trend to "buy many low performance servers", resulting in as much 300% more power expenditure at the data centre level than a more optimum choice. The industry (DigitalEurope/TGG /SPEC) proposal intersects and is a derivative/resultant of the "deployed power" approach. For harmonization purposes, convergence to the industry proposal is more prudent for numerical and procedural consistency. Henry Wong suggests that changes to the server metric or creation of other equipment efficiency metric be validated through the "deployed power" assessment (i.e. power/electrical energy impact in the data centre due to the deployment of equipment to meet the scaled performance capabilities required by the data centre).	
	10.1.3	Action	
		Document 01/08 will be circulated with an introductory document	

		explaining the proposed Scope to be provided by Henry Wong by 13 <sup>th</sup> October. Mike Gilmore will edit this (if necessary ) before submitting to TC EE for confirmation by mid-November. Assuming no alternative proposals are made then we will proceed.	
	10.1.4	Check development schedule	
		Assuming successful adoption of the proposed Scope then it is not considered that the deadline from a Stable Draft will be a problem.	
		Stable draft June 2017	
	<b>11</b>	<b>Outgoing Reports</b>	
	<b>11.1</b>	Report to STF 516 Steering Group	
		See 10.1.4.	
	<b>11.2</b>	Other reports	
		NTR	
	11.2.1	Extension of list of outputs	
		NTR	
	<b>12</b>	<b>DoNM and AOB</b>	
	<b>12.1</b>	Date of next meeting Meeting 2: ??	<b>All</b>
		All meetings will be GoToMeeting until the next F2F which is expected in May 2017	
	<b>12.2</b>	AOB	<b>All</b>
		NTR	
		The meeting closed at 5.50pm	