

# I-SEM Rules Liaison Group

EUPHEMIA Trials – Revised proposal  
21<sup>st</sup> January 2015



# EUPHEMIA – Trialling

- First phase to be completed by SEMO
- This is the “conceptual” phase
- Objective of this phase: to represent a SEM generator’s commercial submission in EUPHEMIA format
- To run three days of the SEM using actual input data from the EA1 schedule
- To assess the different order types that can be employed
- Each day has been set up using either linked block orders, exclusive group orders or minimum income condition orders



# EUPHEMIA - Trialling

- Next phase will be “commercial”
- We propose the following approach –
  1. Workshop 1: Initiation – publication of SEMO report on EUPHEMIA and results of conceptual phase
  2. Workshop 2: data preparation – SEMO to present on the methods used in the conceptual phase & to provide template workbooks to participants
  3. Further interaction: envisage more interaction between SEMO and participants in the finalisation of input data



# EUPHEMIA - Trialling

- Next phase will be “commercial”
- We propose the following approach –
  4. Input data creation: conversion of participant data into EUPHEMIA input format
  5. Run execution: submission of data to the ALWG, review of results, circulation of results and issue management (re-run if required)
  6. Workshop 3: presentation of results of the commercial phase.



# EUPHEMIA – Trialling: original SEMO proposal

	2015												2016		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Original	Blue	Blue	Blue												
				Yellow	Yellow	Yellow									
							Red	Red	Red						

Runs by SEMO  
Three days x 3  
with no  
interconnector



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Original	Blue	Blue	Blue												
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Runs by SEMO  
Three days x 3  
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interconnector



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Original															

Runs by SEMO  
One month of data with interconnector



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	2015												2016		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Original															

Industry workshop  
with report on  
conceptual results





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Original															

Data creation by industry based on SEM data  
Up to one year?



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Original	█	█	█												
				█	█	█									
							█	█	█						

Complete runs



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Original															

Industry workshop  
with report on  
second phase results

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Original															

Data creation by industry based own analysis  
Up to one year?



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Original															

Complete runs



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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Original															

Industry workshop  
with report on final  
phase results



# EUPHEMIA – Trialling: EAI proposal

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Original	Blue														
				Yellow											
							Red								
EAI Proposal	Blue														
						Yellow									
									Red						

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Three days x 3  
with no  
interconnector



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							Red								
EAI Proposal	Blue														
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Runs by SEMO  
Three days x 3  
with  
interconnector





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				Yellow											
							Red								
EAI Proposal	Blue														
						Yellow									
									Red						

Runs by SEMO  
One year of data  
with  
interconnector



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EAI Proposal	Blue														
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Industry workshop  
with report on  
conceptual results

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Data creation by SEMO based on one year of SEM data



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Complete runs

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Industry workshop  
with report on  
second phase results



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Data creation by industry based own analysis  
One week of data



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Industry workshop  
with report on final  
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Additional iterations  
(approx 35 days per iteration)



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Potential redundancy:  
end of conceptual phase  
and start of commercial  
phase both use one year  
of data



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Runs by SEMO  
One month of  
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Industry workshop with report on conceptual results



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Data creation by SEMO based on one year of SEM data



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Industry workshop with report on second phase results



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One week of data



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Industry workshop with report on final phase results



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Additional iterations  
(approx 35 days per iteration)



# EUPHEMIA – Advantages?

- Saves on redundancy around creation of one year’s worth of data
- SEMO will take on management of the “scripted” phase of commercial trialling
- Industry will have access to years results earlier in the revised proposal
- Meets EAI proposal for “unscripted” iterations during commercial phase
- Earlier finish of trialling
- To be explored: if further iterations are desired past the finish of the proposed plan



# EUPHEMIA – Next Steps

- We welcome further industry input on this revision to the EAI proposal
- We would like comments by end of January
- We intend to publish and circulate the final agreed plan with the industry by workshop 2.2(a) – February 4<sup>th</sup>
- Plan should cover timelines but also roles: what SEMO will be doing and what participants will be doing
- This will allow us get on track to kick off the commercial phase with industry representatives during the March / April timeframe.



# Questions?

